



PERFORMANCE BUDGETS

FOR THE YEAR 1983-84

OF

SELECTED DEPARTMENTS

OF THE

PUNJAB GOVERNMENT

Vol. I

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CONTENTS

PART I

| | <i>Pages</i> |
|--|--------------|
| 1. Agriculture | 1—28 |
| 2. Animal Husbandry | 29—48 |
| 3. Co-operation | 49—66 |
| 4. Dairy Development | 67—75 |
| 5. Education Department (Directorate of College) | 77—87 |
| 6. Education Department (Secondary Education) | 89—108 |
| 7. Education Department (Primary Education) | 109—116 |
| 8. Employment | 117—128 |
| 9. Family Welfare | 129—147 |
| 10. Food and Supplies | 149—160 |
| 11. Fisheries | 161—182 |
| 12. Forest | 183—194 |
| 13. Health | 195—210 |
| 14. Housing | 211—220 |
| 15. Industries | 221—236 |
| 16. Industrial Training | 237—253 |
| 17. Languages | 255—281 |
| 18. Labour | 283—299 |
| 19. Medical Education | 301—311 |
| 20. Soil and Water Conservation | 313—328 |
| 21. Sports | 329—338 |
| 22. Technical Education | 339—353 |
| 23. Transport | 355—395 |

PART II

| | |
|---|-------------|
| 1. The Punjab Agro-Industries Corporation Ltd. | i—ix |
| 2. The Punjab Dairy Development Corporation Ltd. | xi—xviii |
| 3. The Punjab Financial Corporation Ltd. | xix—xxvi |
| 4. Pepsu Road Transport Corporation Ltd. | xxvii—xxxiv |
| 5. The Punjab State Scale Industries Corporation Ltd. | xxxv—xlii |

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Sub. National Systems Unit,
National Institute of Educational
Planning and Administration
17-B, S. A. Ashoka Marg, New Delhi-110016
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Part I

AGRICULTURE DEPARTMENT

I. INTRODUCTION

Punjab has predominantly a farm-dominated economy with 2.63% share of the population in the country and 1.54% of land area, it generates the largest food surplus for contribution in the central basket. The agricultural sector contributes over 55% in the State G.N.P. as compared to 45% at All-India level. The State does not have any mineral or other resources to improve economy. The major emphasis, therefore, has to be on increasing the agricultural production to meet the growing needs with regard to food, edible oils and fibre for the population increasing at an alarming speed.

It is felt that there is still a big potential for further increase in the agricultural production if majority of the farmers start getting the yield average comparable to their progressive counter-parts. A big effort on the part of the planner, administrator and extension agencies would be essential to bring about awareness in attitude of the large number of clientele particularly the lagged farmers spread all over the State who have to be contacted individually and collectively. A big thrust would also be needed for bringing all the essential inputs including the credit within the easy reach of the farmers. This is bound to get a long way in improving the economic condition of the vast majority of the farming community thus bringing them above the poverty line.

II. ACHIEVEMENTS OF CROP PRODUCTION

An all time record wheat production of 85.53 lakh tonnes during rabi 1981-82, i. e., an increase of 8.76 lakh tonnes over the preceding year is praise worthy in spite of continuous inclement weather that persisted at the time of harvesting and threshing. The record production is confirmed from market arrivals of 48.53 lakh tonnes (29.9.82) of wheat. The yield per hectare rose to 29.32 quintals, as against 27.30 quintals of the previous year. This increase in production was mainly due to timely sowings, regular supply of essential inputs, credit, favourable season at the time of sowing and above all the best efforts put in the field staff of the Agriculture Department.

Kharif, 1982 witnessed an unprecedented drought. The monsoon rains started late by about three weeks and also withdrew advance by four weeks. As such there remained a serious constraint of irrigation water and the rained crops particularly in the sub-montane region suffered. In spite of all these constraints, the rice production is expected to be of the tune of 38.5 lakh tonnes during this year. The scanty rains, however, have seriously affected the maize crop in the sub-montane tract of the State.

Although there was a serious drought during Kharif, 1982, yet the State Government had put in all out efforts to achieve the set targets of foodgrains, oilseeds and pulses by way of diverting electricity to the rural feeders from urban feeders so as to keep the electric motors running for 10-12 hours daily. Required supply of diesel was also ensured by the State Government to keep on running the diesel engines to the entire satisfaction of the farmers. The achievements during the last few years along with anticipated achievement for 1982-83 is given as under :—

Area : 000' hectares

Production=000' tonnes/bales

| Commodity | | 1980-81 | 1981-82 | 1982-83 | |
|-------------------|------|-------------|--------------------|---------|-----------------------|
| | | Achievement | Achievement (P) | Target | Likely Achievement |
| Kharif Foodgrains | .. A | 1691 | 1725 | 1776 | 1703 |
| | .. P | 3971 | 4474 | 4346 | 4527 |
| Rabi Foodgrains | .. A | 3159 | 3270 | 3200 | 3200 |
| | .. P | 7946 | 8552 | 8454 | 8453 |
| Total Foodgrains | .. A | 4850 | 4995 | 4976 | 4903 |
| | .. P | 11917 | 13326 | 12800 | 12980 |

III. CASH CROPS

Cotton, sugarcane and oilseeds are the important cash crops of the State. Against the production target of 13.50 lakh bales of cotton during the year 1982-83, a production of about 13.00 lac bales is expected. This shortfall is due to the severe drought and non-availability of required number of aircrafts at proper time for aerial spraying in the districts of Faridkot and Ferozepur. As there is no high yielding variety of oilseeds is available which can respond well to the high doses of fertilizers, that is why, the farmers hesitate to increase area under oilseeds due to low returns and high risk involved. The area and production of these crops for some years is given as under :—

Area=(Lacs hectares)

Production=(Lacs tonnes/bales)

| Commodity | | 1980-81 | 1981-82(P) | 1982-83 | |
|---------------------|------|-------------|-------------|---------|--------------------|
| | | Achievement | Achievement | Target | Likely Achievement |
| I. Cotton | .. A | 6.48 | 6.83 | 6.60 | 6.855 |
| | P | 11.78 | 12.70 | 13.50 | 13.00) |
| II. Sugarcane (Gur) | .. A | .71 | 1.06 | 1.10 | 1.10) |
| | P | 3.92 | 6.12 | 6.40 | 6.40) |
| III. Oilseeds | .. A | 2.48 | 2.20 | 2.10 | 2.065 |
| | P | 1.87 | 1.69 | 1.80 | 1.655 |

IV. PHYSICAL TARGETS

Keeping in view the performance of crop production during the past years, targets for 1983-84 have been proposed as per table given below :—

| Commodities | Targets for 1983-84 | | |
|-----------------------|---------------------|----------------------------------|----------------------|
| | Area (000 hect.) | Production (000 tonnes/bales) | Yield (Kgs./hec.) |
| I. Foodgrains (Total) | .. 50,90 | 1,33,20 | .. |
| Rice | .. 12,80 | 37,00 | 28,90) |
| Maize | .. 4,20 | 7,50 | 17,855 |
| Bajra | .. 60 | 78 | 13,00) |
| Other Cereals | .. 2 | 2 | 10,00) |
| Pulses | .. 68 | 50 | .. |
| Kharif Season | .. 18,30 | 45,80 | .. |
| Wheat | .. 29,00 | 84,00 | 28,977 |
| Barley | .. 25 | 40 | 16,00) |

| Commodities | Targets for 1983-34 | | |
|-----------------------|---------------------|----------------------------------|---------------------|
| | Area (000 hec) | Production (000 tonnes/bales) | Yield (Kgs./hec) |
| Gram | 3,00 | 2,70 | 9,00 |
| Pulses | 35 | 38 | .. |
| Rabi Season | 32,60 | 87,40 | .. |
| II. Cotton | 6,50 | 14,00 | 3,66 |
| III. Sugarcane | 1,20 | 7,00 | 58,33 |
| IV. Total Oilseeds | 1,80 | 2,00 | .. |
| (i) Groundnut | 85 | 1,05 | 12,35 |
| (ii) Rape and Mustard | 90 | 90 | 10,00 |
| (iii) Sesamum | 4 | 4 | 10,00 |
| (iv) Linseed | 1 | 1 | 10,00 |

V. STRATEGY FOR 1983-84

To achieve to above targets of Agricultural Production the following strategy during the year 1983-84 will be followed :—

1. Training of farmers to educate them regarding improved package of practices for increasing agricultural production.
2. Carry out massive land reclamation programme.
3. Adoption of villages for their over all and comprehensive development.
4. Special emphasis for the uplift of weaker sections of society by providing incentives under special component plan schemes.
5. Balanced, efficient and economic use of fertilizers including micro-nutrients.
6. Coverage of maximum area with timely sowing/transplantation during the optimum period of sowing by regulating availability of essential inputs in time.
7. To ensure the availability of power for at least 10—12 hours a day, continuous supply of canal water and adequate supply of diesel to the farmers at the sowing time.
8. Increase in productivity per unit area with economic and efficient use of vital inputs and higher cropping intensity.
9. Availability of crop loans at door-step of the farmers for the purchase of fertilizers.
10. Organised plant protection campaign through squads for ground spray against pests/diseases.

II. Financial

| Programme/Activity/Classification | Accounts 1981-82 | | |
|---|------------------|-----------------|-----------------|
| | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. |
| 1. Direction and Administration .. | 64,14 | 83,62 | 1,47,76 |
| 2. Multiplication and Distribution of Seed .. | 11,00 | 16,93 | 27,93 |
| 3. Agriculture Farms .. | .. | 1,55 | 1,55 |
| 4. Manures and Fertilizers .. | 4,95,94 | 3,39,52 | 8,35,46 |
| 5. High Yielding Varieties Programme .. | 26 | 1,07,69 | 1,07,95 |
| 6. Plant Protection .. | 2,41,20 | 1,24,16 | 3,65,36 |
| 7. Commercial Crops .. | 99,57 | 62,83 | 1,62,40 |
| 8. Extension and Farmers Training .. | 18,99 | 3,07 | 22,06 |
| 9. Agricultural Education .. | 2,23,26 | 4,99,35 | 7,22,61 |
| 10. Agricultural Engineering .. | 3,12,70 | 4,83 | 3,17,53 |
| 11. Agricultural Economics and Statistics .. | 4,64 | 6,87 | 11,51 |
| 12. Agricultural Marketing & Quality Control .. | 20,86 | 11,93 | 32,79 |
| 13. Other Expenditure .. | 58,13 | 5,96 | 64,09 |
| 14. Boring and Tubewells Organisation .. | 42,49 | 36,31 | 78,80 |
| Total .. | 15,93,18 | 13,04,62 | 28,97,80 |
| <i>Note</i> .—The above estimates do not include recoveries shown below, which are adjusted in accounts as reduction in expenditure : | | | |
| <i>Deduct.</i> —Receipts and Recoveries on Capital Accounts under the Head 505—Capital Outlay on Agriculture—Plan Protection—Purchase of Pesticides (Non-Plan) .. | 11,86 | 97,67 | 1,09,53 |
| <i>Deduct.</i> —Amount transferred to Head 705—Loans for Agriculture—(c)—Plant Protection—(1) Loans for aerial spraying of Crops (Plan) .. | .. | .. | .. |
| <i>Deduct.</i> —Recoveries on Capital Accounts under the Head 506—Capital Outlay on Minor Irrigation, Soil Conservation and Area Development | | | |
| Total Recoveries .. | 11,86 | 97,67 | 1,09,53 |
| Net Total .. | 15,81,32 | 12,06,95 | 27,88,27 |

Requirements

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 60,91 | 88,20 | 1,49,11 | 69,91 | 86,51 | 1,56,42 | 65,40 | 99,28 | 1,64,68 |
| .. | 16,03 | 16,03 | 20,00 | 15,47 | 35,47 | .. | 17,54 | 17,54 |
| .. | 1,35 | 1,35 | .. | 1,42 | 1,42 | .. | 1,47 | 1,47 |
| 4,80,59 | 5,20,17 | 10,00,76 | 4,40,04 | 10,69,50 | 15,09,54 | 5,13,30 | 5,22,08 | 10,35,38 |
| .. | 1,05,29 | 1,05,29 | .. | 1,17,25 | 1,17,25 | .. | 1,19,04 | 1,19,04 |
| 3,31,76 | 21,47 | 3,53,23 | 3,26,45 | 22,87 | 3,49,32 | 3,57,55 | 24,37 | 3,81,92 |
| 1,40,35 | 57,07 | 1,97,42 | 1,20,27 | 63,50 | 1,83,77 | 1,42,80 | 66,76 | 2,09,56 |
| 25,50 | 3,56 | 29,06 | 28,37 | 3,45 | 31,82 | 25,00 | 3,56 | 28,56 |
| 2,44,30 | 5,42,05 | 7,86,35 | 2,51,06 | 5,80,50 | 8,31,56 | 2,65,00 | 6,44,00 | 9,09,00 |
| 2,94,90 | 3,98 | 2,98,88 | 3,49,18 | 4,25 | 3,53,43 | 3,79,20 | 4,62 | 3,83,82 |
| 17,75 | 7,07 | 24,82 | 12,51 | 7,67 | 20,18 | 16,35 | 8,18 | 24,53 |
| 20,00 | 10,87 | 30,87 | 98,78 | 11,67 | 1,10,45 | 22,00 | 12,81 | 34,81 |
| 38,76 | 7,97 | 46,73 | 39,61 | 6,52 | 46,13 | 43,95 | 8,43 | 52,38 |
| 97,50 | 35,56 | 1,33,06 | 48,19 | 38,08 | 86,27 | 82,45 | 56,72 | 1,39,17 |
| 17,52,32 | 14,20,64 | 31,72,96 | 18,04,37 | 20,28,66 | 38,33,03 | 19,13,00 | 15,88,86 | 35,01,86 |
| 80,00 | .. | 80,00 | 82,77 | .. | 82,77 | 75,00 | .. | 75,00 |
| 1,30,00 | .. | 1,30,00 | 1,23,94 | .. | 1,23,94 | 1,45,00 | .. | 1,45,00 |
| 2,10,00 | .. | 2,10,00 | 2,06,71 | .. | 2,06,71 | 2,20,00 | .. | 2,20,00 |
| 15,42,32 | 14,20,64 | 29,62,96 | 13,97,66 | 20,28,66 | 36,26,32 | 16,93,00 | 15,88,86 | 32,81,86 |

| Particulars | Accounts, 1981-82 | | |
|--|-------------------|----------|----------|
| | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. |
| 1. Salaries .. | 1,35,46 | 3,05,86 | 4,41,32 |
| 2. Wages .. | 4,56 | 2,88 | 7,44 |
| 3. Travel Expenses .. | 16,64 | 17,80 | 33,44 |
| 4. Office Expenses .. | 20,64 | 16,88 | 37,52 |
| 5. Rent, Rates and Taxes | 8,75 | 6,23 | 14,98 |
| 6. Grant-in-aid .. | 2,23,26 | 4,99,41 | 7,22,67 |
| 7. Investments/Loans .. | 4,82,84 | 4,13,67 | 8,96,51 |
| 8. Other Charges .. | 1,12,72 | 21,03 | 1,33,75 |
| 9. Machinery and Equipment Tools and Plants | 16,32 | 5,04 | 21,36 |
| 10. Maintenance .. | 10,47 | 1,12 | 11,59 |
| 11. Material & Supplies .. | 10,22 | 4,99 | 15,21 |
| 12. Subsidy .. | 5,44,87 | 2 | 5,44,89 |
| 13. Advertisements, Sales & Publicity .. | 9 | 4 | 13 |
| 14. Motor Vehicles .. | 6,19 | 8,43 | 14,62 |
| 15. Prizes/D.C. .. | .. | .. | .. |
| 16. Liveries .. | 15 | 1,22 | 1,37 |
| 17. Works .. | .. | .. | .. |
| 18. Medical Reimbursement .. | .. | .. | .. |
| Total—B .. | 15,93,18 | 13,04,62 | 28,97,80 |
| <i>Note: —The above estimates do not include recoveries shown below, which are adjusted in accounts as reduction in expenditure :—</i> | | | |
| <i>Deduct: —Receipts and Recoveries on Capital Accounts under Major Head—505—Capital Outlay on Agriculture</i> | | | |
| Plan Protection—Purchase of Pesticides (Non-Plan) .. | 11,86 | 97,67 | 1,09,53 |
| <i>Deduct: —Amount transferred to Head—705—Loans for Agriculture</i> | | | |
| (c)—Plant Protection—(1)—Loans for Aerial Spraying of Crops (Plan) .. | .. | .. | .. |
| <i>Deduct: —Recoveries on Capital Accounts under the Head—506—</i> | | | |
| Capital Outlay on Minor Irrigation, Soil Conservation and Area Development .. | .. | .. | .. |
| Total Recoveries .. | 11,86 | 97,67 | 1,09,53 |
| Net Total .. | 15,81,32 | 12,06,95 | 27,88,27 |

Classification

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1,54,27 | 2,94,02 | 4,48,29 | 1,69,43 | 3,32,53 | 5,01,96 | 1,80,97 | 3,42,49 | 5,23,46 |
| 4,92 | 2,95 | 7,87 | 3,49 | 2,66 | 6,15 | 4,43 | 2,91 | 7,34 |
| 18,23 | 13,65 | 31,88 | 18,97 | 14,72 | 33,69 | 26,57 | 14,24 | 36,81 |
| 27,99 | 12,93 | 40,92 | 19,51 | 12,19 | 31,70 | 19,46 | 1,58 | 33,04 |
| 11,19 | 7,10 | 18,29 | 10,98 | 6,53 | 17,51 | 13,37 | 7,24 | 20,61 |
| 2,50,51 | 5,42,11 | 17,92,62 | 3,33,04 | 5,80,56 | 9,13,60 | 2,75,50 | 6,44,06 | 9,19,56 |
| 5,99,00 | 5,00,00 | 10,99,00 | 5,24,21 | 10,47,50 | 15,71,71 | 5,01,85 | 5,00,00 | 10,01,85 |
| 15,84 | 23,28 | 39,12 | 17,87 | 10,01 | 27,88 | 94,79 | 22,21 | 1,17,00 |
| 32,72 | 7,14 | 39,86 | 30,16 | 5,24 | 35,40 | 29,41 | 21,07 | 50,48 |
| 1,82 | 88 | 2,70 | 1,82 | 1,26 | 3,08 | 1,73 | 1,40 | 3,13 |
| 19,84 | 3,73 | 23,57 | 10,32 | 4,22 | 14,54 | 17,21 | 4,82 | 22,03 |
| 5,74,91 | .. | 5,74,91 | 6,46,50 | .. | 6,46,50 | 7,26,75 | .. | 7,26,75 |
| 70 | 2 | 72 | 90 | 2 | 92 | 70 | 2 | 72 |
| 33,21 | 5,03 | 38,24 | 11,02 | 5,05 | 16,07 | 15,08 | 5,09 | 20,17 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 32 | 1,12 | 1,44 | 27 | 1,08 | 1,35 | 16 | 1,43 | 1,59 |
| 4,00 | 1,30 | 5,30 | 4,00 | 75 | 4,75 | 5,50 | 2,18 | 7,68 |
| 2,85 | 5,38 | 8,23 | 1,88 | 4,34 | 6,22 | 3,52 | 6,12 | 9,64 |
| 17,52,32 | 14,20,64 | 31,72,96 | 18,04,37 | 20,28,66 | 38,33,03 | 19,13,00 | 15,88,86 | 35,01,86 |
| 80,00 | .. | 80,00 | 82,77 | .. | 82,77 | 75,00 | .. | 75,00 |
| 1,30,00 | .. | 1,30,00 | 1,23,94 | .. | 1,23,94 | 1,45,00 | .. | 1,45,00 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2,10,00 | .. | 2,10,00 | 2,06,71 | .. | 2,06,71 | 2,20,00 | .. | 2,20,00 |
| 15,42,33 | 14,20,64 | 29,62,96 | 15,97,66 | 20,28,66 | 36,26,32 | 16,93,00 | 15,88,86 | 32,81,86 |

| Major Heads of Accounts | Accounts, 1981-82 | | |
|--|-------------------|-----------------|-----------------|
| | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. |
| 305—Agriculture .. | 10,97,34 | 8,42,08 | 19,39,42 |
| 306—Minor Irrigation .. | 15,49 | 36,31 | 51,80 |
| 505—Capital Outlay on Agriculture .. | 11,00 | 1,03,38 | 1,14,38 |
| 506—Capital Outlay on Minor Irrigation .. | 2,91,25 | .. | 2,91,25 |
| 15—Investments in Agricultural Financial Institutions .. | 67,00 | .. | 67,00 |
| 705—Loans for Agriculture .. | 1,07,82 | 3,20,00 | 4,27,82 |
| 715—Loans to Agriculture Financial Institution .. | .. | .. | .. |
| 258—Stationery & Printing .. | .. | 2,85 | 2,85 |
| 459—Capital Outlay on Public Works .. | 3,28 | .. | 3,28 |
| Total—C .. | 15,93,18 | 13,04,62 | 28,97,80 |
| <i>Note.</i> —The above estimates do not include recoveries shown below which are adjusted in accounts as reduction in expenditure :— | | | |
| <i>Deduct.</i> —Receipts and Recoveries on Capital Accounts under the Head 505—Capital Outlay on Agriculture—Plant Protection—Purchase of Pesticides (Non-Plan) .. | 11,86 | 97,67 | 1,09,53 |
| <i>Deduct.</i> —Amount transferred to Head 705—Loans for Agriculture—(o)—Plant Protection—(f)—Loans for Aerial Spraying of Crops (Plan) .. | .. | .. | .. |
| <i>Deduct.</i> —Recoveries on Capital Accounts under the Head 506—Capital Outlay on Minor Irrigation, Soil Conservation and Area Development .. | .. | .. | .. |
| Total Recoveries .. | 11,86 | 97,67 | 1,09,53 |
| Net Total .. | 15,81,32 | 12,06,95 | 27,88,27 |

Financing

(Rs. in thousand ds)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 11,29,32 | 8,79,78 | 20,09,10 | 12,60,47 | 9,39,73 | 22,00,20 | 13,06,95 | 10,26,74 | 23,33,69 |
| 20,00 | 35,56 | 55,56 | 15,69 | 38,08 | 53,77 | 23,70 | 56,72 | 80,42 |
| 1,00,00 | .. | 1,00,00 | 93,27 | .. | 93,27 | 23,70 | .. | 75,00 |
| 3,14,00 | .. | 3,14,00 | 2,62,00 | .. | 2,62,00 | 3,01,85 | .. | 3,01,85 |
| 55,00 | .. | 55,00 | 45,00 | .. | 45,00 | 55,00 | .. | 55,00 |
| 1,30,00 | 5,00,00 | 6,30,00 | 1,23,94 | 10,47,50 | 11,71,44 | 1,45,00 | 5,00,00 | 6,45,00 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 4,00 | 4,00 | .. | 3,35 | 3,35 | .. | 4,00 | 4,00 |
| 4,00 | 1,30 | 5,30 | 4,00 | .. | 4,00 | 5,50 | 1,40 | 6,90 |
| 17,52,32 | 14,20,64 | 31,72,96 | 18,04,37 | 20,28,66 | 38,33,03 | 19,13,00 | 15,88,86 | 35,01,86 |
| 80,00 | .. | 80,00 | 82,77 | .. | 82,77 | 75,00 | .. | 75,00 |
| 1,30,00 | .. | 1,30,00 | 1,23,94 | .. | 1,23,94 | 1,45,00 | .. | 1,45,00 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2,10,00 | .. | 2,10,00 | 2,06,71 | .. | 2,06,71 | 2,20,00 | .. | 2,20,00 |
| 15,42,32 | 14,20,64 | 29,62,96 | 15,97,66 | 20,28,66 | 36,26,32 | 16,93,00 | 15,88,86 | 32,81,86 |

III—Explanation of Financial Requirements

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|----------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Direction and Administration | 64,14 | 83,62 | 1,47,76 | 60,91 | 88,20 | 1,49,11 | 69,91 | 86,51 | 1,56,42 | 65,40 | 99,28 | 1,64,68 |

The Director of Agriculture is the head of the department. There are ten Joint Directors of Agriculture in various subjects such as I.C.D.P., Inputs, Extension & Training, Pulses, Cash crops, Engineering, Biogas, H.Y.V.P., Statistics and Agricultural Census—Canesection is headed by the Cane Commissioner who is in the rank of J.D.A. In addition to this there are officers such as D.D.A. (Seeds), Project Officer (Reclamation), O.S.D. (Planning), A.I.O., Chief Inspector fertilizers on technical side and J.D.A. (Administration), D.D.A. (H.Q.), Establishment Officer, on the establishment side and for accounts Chief Accounts Officer assisted by the Asstt. Accounts Officer.

For smooth functioning and for improving efficiency there are State level officers in Marketing Sugarcane, Locust Control and Plant Protection, Cotton, Oilseeds, Minor Irrigation Works, Ground Water, Implements, Tubewells, Field Manure Officer, Asstt. Maize Development Officer, Senior Analyst, Seed Testing Officer with Head quarters at Chandigarh, Mohali and Ludhiana. All these officers have State Level jurisdiction.

The Chief Agricultural Officer are over all incharge at the district level. With the reorganisation of the Agricultural department class II Officers have been posted at the Block level. In this way single line administration has been introduced in the Agriculture department for effective implementation of policies and programmes of the Government relates to this department. Only rented accommodation for officers located at block levels headed by the Agricultural Officers has been provided. The Agricultural Officer posted in the Blocks will control all the activities relating to Agriculture department and will exercise administrative Control over the entire staff working in the Agriculture department this level :—

The staff position is given below :—

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|--------------|--------------|--------------|
| Class I | 22 | 22 | 22 |
| Class II | 10 | 10 | 10 |
| Class III | 683 | 683 | 683 |
| Class IV | 603 | 603 | 603 |
| Total | 13,18 | 13,18 | 13,18 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Multiplication and Distribution of seeds | 11,00 | 16,93 | 27,93 | .. | 16,03 | 16,03 | 20,00 | 15,47 | 35,47 | .. | 17,54 | 17,54 |
| The break-up of expenditure under this programme is given below :— | | | | | | | | | | | | |
| 1. Seed Farms | .. | 16,93 | 16,93 | .. | 16,03 | 16,03 | .. | 15,47 | 15,47 | .. | 17,54 | 17,54 |
| 2. Seed production and distribution programme | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3. Establishment of a cell for the setting up of seed corporation and Seed Certification authority | 11,00 | .. | 11,00 | .. | .. | .. | 20,00 | .. | 20,00 | .. | .. | .. |
| Total | 11,00 | 16,93 | 27,93 | .. | 16,03 | 16,03 | 20,00 | 15,47 | 35,47 | .. | 17,54 | 17,54 |

Seed

The use of certified good quality seed is a key to obtain optimum yield from various crops. Although, with the establishment of the Punjab State Seed Corporation, the supply and production of certified seeds of wheat and paddy has substantially improved, yet it needs to intensify its efforts to produce seeds of all the important crops of the State. P.S.S.C. has a net of work of dealers throughout the state through which the seed is supplied to the farmers. The achievements during the last few years along with target for 1983-84 is given as under :—

| Serial No. | Seed | 1980-81 Achievement | 1981-82 Achievement | 1982-83 Anticipated Achievement | 1983-84 Targets |
|------------|---------------|---------------------|---------------------|---------------------------------|-----------------|
| 1. | Wheat | .. | 42,046 | 36,236 | 1,30,000 |
| 2. | Paddy | .. | 17,500 | 13,823 | 37,000 |
| 3. | Gram | .. | 685 | 1,393 | 6,000 |
| 4. | Maize | .. | 1,350 | 1,200 | 5,700 |
| 5. | Cotton | .. | 2,450 | 681 | 6,000 |
| 6. | Kharif pulses | .. | 350 | 303 | 2,200 |

(Rs.in thousand)

| Accounts | Budget Estimates, | | | Revised Estimates, | | | Budget Estimates, | | | | | |
|---|-------------------|----------------|----------------|--------------------|----------------|-----------------|-------------------|-----------------|-----------------|----------------|----------------|-----------------|
| | 1981-82 | | | 1982-83 | | | 1982-83 | | | 1983-84 | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Manures and Fertilizers | 4,95,94 | 3,39,52 | 8,35,46 | 4,80,59 | 5,20,17 | 10,00,76 | 4,40,04 | 10,69,50 | 15,09,54 | 5,13,30 | 5,22,08 | 10,35,38 |
| The break-up of expenditure under this programme is given below :— | | | | | | | | | | | | |
| 1. Reclamation of Alkaline/Saline Soils | 14,87 | .. | 14,87 | 9,50 | .. | 9,50 | 2,50 | .. | 2,50 | 9,50 | .. | 9,50 |
| 2. Compost | .. | 8,60 | 8,60 | .. | 6,80 | 6,80 | .. | 7,90 | 7,90 | .. | 8,08 | 8,08 |
| 3. Distribution of gypsum | 4,53,80 | .. | 4,53,80 | 4,33,54 | .. | 4,33,54 | 4,07,66 | .. | 4,07,66 | 4,63,30 | .. | 4,63,30 |
| 4. Fertilizer Demonstration | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 5. Soil testing Laboratories and Reclamation of Alkaline/Saline lands and other Schemes | 23,74 | 3,30,92 | 3,54,66 | 37,35 | 5,13,37 | 5,50,72 | 29,78 | 10,61,60 | 10,91,38 | 40,50 | 5,14,00 | 5,54,50 |
| 6. Gobar Gas plants | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 7. Subsidy on Phosphatics/Zinc Sulphate | 3,53 | .. | 3,53 | 20 | .. | 20 | 10 | .. | 10 | .. | .. | .. |
| Total | 4,95,94 | 3,39,52 | 8,35,46 | 4,80,59 | 5,20,17 | 10,00,76 | 4,40,04 | 10,69,50 | 15,09,54 | 5,13,30 | 5,22,08 | 10,35,38 |

Reclamation of Alkaline/Saline Soils.—

Marvellous achievements in the reclamation of kallar lands have been made during the last few years. Out of a total area of 6.98 lakh hectares affected with kallar, an area of 1.40 lakh hectares has been reclaimed up to 1981-82. The scope for horizontal increase of lands is very limited, rather there is a pressing demand of land by the urban precincts and industrial estates. Therefore, there is a dire need to reclaim the affected kallar lands so as to maintain the tempo of foodgrain production. Application of gypsum is an effective and quicker measure for the reclamation of this land. The procurement and supply of gypsum is handled by the Punjab State Land Development Corporation. It has set up a chain of depots in the districts for the purpose. Gypsum the main ingredient for reclamation of soil is supplied to the farmers at a highly subsidised rates. The rate of subsidy is 75 per cent for the small farmers and 50 per cent for others. The achievements during the last few years along with targets for 1983-84 is given as under :—

| | 1980-81 | 1981-82 | 1982-83 | 1983-84 |
|--------------------------------------|--------------|--------------|---------------------|---------|
| | Achievements | Achievements | Likely Achievements | Targets |
| | Rs. | Rs. | Rs. | Rs. |
| (a) Area Reclaimed (hect.) | 33,000 | 34,600 | 29,700 | 31,000 |
| (b) Gypsum supplied (000 tonnes) | 235,00 | 242.55 | 208.50 | 220.00 |
| (c) Subsidy utilised (Rs. in lakhs) | 432.30 | 441.52 | 400.00 | 425.00 |

In order to encourage the farmer to reclaim their kallar lands, three reclamation demonstration centres have been established by the departments i.e. Kalanaur in Gurdaspur district, Gharachor in Sangrur district and Masitan in Kapurthala district on an area of 283 hectares, 42 hect. and 124 hect. respectively by taking Panchayat lands on lease basis at a nominal rent. These farmers will improve the economy of the Panchayats and will serve as demonstration centres to the farmers. The achievements are given as under

| | 1981-82 | 1982-83 |
|-------------------------|---------|---------|
| Area reclaimed (hect.) | 50 | 59 |

Fertilizers;—

Fertilizer is the basic inputs for increasing agricultural production. Marvellous achievements have been made during the last three years in the consumption of fertilizers. The fertilizer consumption during 1981-82 was 118 kgs. per hectare which is highest in the country. The supply position during this year is very comfortable. To make them readily and easily available liberal loans through co-operative societies are being made available by the Government the fertilizer consumption is increasing every year which is evident from the following table :—

| Item | (Unit 000 tonnes) | | | |
|--------------------------------------|-------------------|---------------|--------------------------|-------------|
| | 1980-81 | 1981-82 | 1982-83 | 1983-84 |
| | Achievements | Achievements | Anticipated achievements | Target |
| N | 526 | 5,71 | 5, 90 | 6,65 |
| P | 207 | 2,17 | 2,26 | 2,65 |
| K | 29 | 33 | 35 | 40 |
| Total | 762 | 8,21 | 8,51 | 9,70 |
| B. Component (Rs. in crores) | 145.21 | 163.47 | 190 | 220 |

Soil testing

Fertilizer is a costly inputs, so as to make a balanced, efficient and economic use of fertilizers the soil test is a pre-requisite. The soil testing facilities are offered for which the State has established 37 soil testing laboratories in the State. Out of these, 29, are stationary and 8 are Mobile soil testing laboratories. Each laboratory has the capacity of analysing 10,000 samples, and these are analysed free of cost. Further it is proposed to establish three more new stationary laboratories at Amritsar, Mukatsar and Kharar during 1983-84. The number of samples analysed during the last three years along with targets for 1983-84 is given as under :—

| | 1980-81 | 1981-82 | 1982-83 | 1983-84 |
|---|-------------|-------------|-------------------------|----------|
| | Achievement | Achievement | Anticipated Achievement | Targets |
| No. of soil testing laboratories set up (cumulative) to be set up | | 25 | 31 | 37 |
| No. of soil samples analysed/ to be analysed. | 1,53,448 | 1,96,077 | 2,30,000 | 2,90,000 |

Staff position under this sub head is given below :—

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|------------|------------|------------|
| Class I | 6 | 6 | 6 |
| Class II | 40 | 40 | 40 |
| Class III | 313 | 313 | 313 |
| Class IV | 125 | 125 | 125 |
| Total | 484 | 484 | 484 |

Fertilizers

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|-----------------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| High Yielding Varieties Programme | 26 | 1,07,69 | 1,07,95 | .. | 1,05,29 | 1,05,29 | .. | 1,17,25 | 1,17,25 | .. | 1,19,04 | 1,19,04 |

The break-up of expenditure under this programme is given below :—

| | | | | | | | | | | | | |
|--|-----------|----------------|----------------|-----------|----------------|----------------|-----------|----------------|----------------|-----------|----------------|----------------|
| 1. Intensive Agricultural District Programme | .. | 66,70 | 66,70 | .. | 66,56 | 66,56 | .. | 70,92 | 70,92 | .. | 73,43 | 73,43 |
| 2. High Yielding Varieties Programme | 26 | 40,99 | 41,25 | .. | 38,73 | 38,73 | .. | 46,33 | 46,33 | .. | 45,61 | 45,61 |
| Total | 26 | 1,07,69 | 1,07,95 | .. | 1,05,29 | 1,05,29 | .. | 1,17,25 | 1,17,25 | .. | 1,19,04 | 1,19,04 |

Intensive Agricultural District Programme:

After the success of this programme in the Ludhiana district, the programme was extended to five more district. The object to this programme is to increase agricultural production through the adoption of comprehensive programme and concentration of financial, technical and administrative resources. The farmers will be equipped with latest technology developed by the P.A.U. Ludhiana at the beginning of Rabi/Kharif seasons through field visits, demonstrations, farmers training camps, printed material, audio-visual aids, radio, etc. The Government has also launched I.R.D.P. in each block. One of the major objective of I.R.D.P. is to increase agricultural production of selected villages by 50% within a period of five years.

High Yielding Varieties Programme:

High Yielding Varieties programme played a crucial role in bringing green revolution in the State. Since then, great importance is given to bring maximum area under high yielding varieties of various

crops. Keeping in view the availability of inputs, irrigation facilities in the state, The targets for 1983-84 alongwith achievements during the last few years is given as under :—

(Unit—000' Hect.)

| | | 1980-81 | 1981-82 | 1982-83 | 1983-84 |
|--------------|----|--------------|--------------|---------------------|--------------|
| | | Achievements | Achievements | Likely achievements | Targets |
| Paddy | .. | 1,095 | 1,207 | 1,185 | 1,200 |
| Wheat | .. | 2,757 | 2,883 | 2,890 | 2,900 |
| Bajra | .. | 34 | 37 | 35 | 50 |
| Maize | .. | 127 | 122 | 150 | 150 |
| Total | .. | 4,013 | 4,249 | 4,260 | 4,300 |

Staff strength under this Minor head is as under :—

| | | 1981-82 | 1982-83 | 1983-84 |
|--------------|----|------------|------------|------------|
| Class I | .. | 10 | 10 | 10 |
| Class II | .. | 32 | 32 | 32 |
| Class III | .. | 701 | 701 | 701 |
| Class IV | .. | 188 | 188 | 188 |
| Total | .. | 931 | 931 | 931 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Plant protection | 2,41,20 | 1,24,16 | 3,65,36 | 3,31,76 | 21,47 | 3,53,23 | 3,26,45 | 22,87 | 3,49,32 | 3,57,55 | 24,37 | 3,81,92 |

The break up of expenditure under this programme is given below.—

| | | | | | | | | | | | | |
|---|-------|---------|---------|-------|-------|-------|---------|-------|---------|---------|-------|---------|
| 1. Intensification of plant protection | 10,38 | 1,03,38 | 1,13,76 | 20,76 | .. | 20,76 | 1,21,61 | .. | 1,21,61 | 17,55 | .. | 17,55 |
| 2. Ground spraying of crops | 77,50 | 20,78 | 98,28 | 20,00 | 21,47 | 41,47 | 94,10 | 22,87 | 1,16,97 | 75,00 | 24,37 | 99,37 |
| 3. Scheme to enable small farmers in eradication of pests of and disease of crops in endemic areas. | 45,50 | .. | 45,50 | 61,00 | .. | 61,00 | 3,53 | .. | 3,53 | 1,20,00 | .. | 1,20,00 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------------|----------------|---------------------------|--------------|----------------|----------------------------|--------------|----------------|---------------------------|--------------|----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 4. Taccavi loans to the cultivators for aerial spraying of crops | 1,07,82 | .. | 1,07,82 | 2,30,00 | .. | 2,30,00 | 1,07,21 | .. | 1,07,21 | 1,45,00 | .. | 1,45,00 |
| Total | 2,41,20 | 2,24,16 | 3,65,36 | 3,31,76 | 21,47 | 3,53,23 | 3,26,45 | 22,87 | 3,49,32 | 3,57,55 | 24,37 | 3,81,92 |
| <i>Deduct—</i> Receipts and Recoveries of Capital Account under major head 505-Capital Outlay on Agriculture Plant Protection—Purchase of pesticides (Non-Plan) | 11,86 | 97,67 | 1,09,53 | 80,00 | .. | 80,00 | 82,77 | .. | 82,77 | 75,00 | .. | 75,00 |
| <i>Deduct—</i> Amount transferred to head "705—Loans for Agriculture" | .. | .. | .. | 1,30,00 | .. | 1,30,00 | 1,23,94 | .. | 1,23,94 | 1,45,00 | .. | 1,45,00 |
| Total recoveries | 11,86 | 97,60 | .. | 2,10,00 | .. | 2,10,00 | 2,06,71 | .. | 2,06,71 | 2,20,00 | .. | 2,20,00 |
| Net | 2,29,34 | 26,49 | 2,55,83 | 1,21,76 | 21,47 | 1,43,23 | 1,19,74 | 22,87 | 1,42,61 | 1,37,55 | 24,37 | 1,61,92 |

Plant Protection

There has been wide spread attack of insects/pests and diseases during the last few years because of highest cropping intensity which made the crops more susceptible to losses by insects/pests and diseases. With the increased consumption, the possibilities of adulteration and malpractice in marketing has increased. Therefore, supply of quality in pesticides/pesticides is very essential. The department has provided technical staff at important places in the district for providing pesticides of genuine quality on "No profit No loss" basis to the farmers to check adulteration and malpractice by the private traders entering in the market. Plant protection equipment and pesticides are supplied on subsidy to the cultivators of the International border area of the State. Effective campaigns are carried out against epidemic pests in the state.

Weeds have also become a serious problem particularly in paddy, wheat and maize crops as they rob the crop of soil moisture, plant nutrients and to some extent light resulting in low yield and and of poor quality. Mechanical control with manual labour is difficult and expensive. That is why chemical control is the only effective measure to check the growth of weeds. The progress for the last few year and targets for 1983-84 is given as under :—

| | 1980-81 (Achievements) | 1981-82 (Achievements) | 1982-83 Likely (achievements) | 1983-84 (Targets) |
|--|---------------------------|---------------------------|-------------------------------------|----------------------|
| Technical grade material (000 tonnes.) | 3.5 | 4.3 | 4.7 | 5.0 |
| Coverage (000 hec.) | .. | 38.00 | 58.00 | 90.00 |

Aerial/Ground spraying of crops

Aerial spray is the most effective measure to control insects/pest of cotton crops when it has attained full height, which makes ground spray operation impossible. Aerial spraying is organised with advance booking of air crafts. The farmers do not have funds for the payment of operational charges and pesticides to the operators and pesticide suppliers at that time. The Government, therefore, arranges short terms loans which are debited to the farmers and recovered in the shape of arrears of land revenue later on. The payment are made to the operators and pesticide suppliers from the loan money.

In Bhatinda district the farmers cannot avail the opportunity of aerial spraying due to the scattered area under cotton. For this purpose similar loans are advanced to the farmers for ground spraying operation as well. The farmers intending to purchase pesticides for ground spraying of cotton Crops are supplied in the financial year as in the case of Aerial spraying.

Aerial spraying is very costly. To compensate the farmers subsidy on operational charges is also provided to the farmers which is shared equally by the State and Central Government. Achievements made during the last few years along with targets is given as under :—

| | Achievements | | | Target |
|---|--------------|---------|---------|---------|
| | 1980-81 | 1981-82 | 1982-83 | 1983-84 |
| Aerial spray on cotton (unit 000 Hec.) | 113 | 95 | 85 | 100 |

Staff strength is mentioned as under :—

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|------------|------------|------------|
| Class I | 3 | 3 | 3 |
| Class II | 9 | 9 | 9 |
| Class III | 233 | 233 | 233 |
| Class IV | 119 | 119 | 119 |
| Total | 364 | 364 | 364 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Commercial crops | 99,57 | 62,83 | 1,62,40 | 1,40,35 | 57,07 | 1,97,42 | 1,20,27 | 63,50 | 1,83,77 | 1,42,80 | 66,76 | 2,09,56 |

The break up of expenditure under this programme is given as under :—

| | | | | | | | | | | | | |
|--------------|--------------|--------------|----------------|----------------|--------------|----------------|----------------|--------------|----------------|----------------|--------------|----------------|
| 1. Pulses | 8,56 | .. | 8,56 | 10,00 | .. | 10,00 | 9,21 | .. | 19,21 | 15,00 | .. | 15,00 |
| 2. Cotton | 55,30 | 22,77 | 78,07 | 77,35 | 21,42 | 98,77 | 64,85 | 22,82 | 87,67 | 70,90 | 25,00 | 95,90 |
| 3. Sugarcane | 20,07 | 19,09 | 39,16 | 23,30 | 17,66 | 40,96 | 23,47 | 18,85 | 42,32 | 26,70 | 20,52 | 47,22 |
| 4. Oil-seeds | 15,64 | 20,97 | 36,61 | 29,70 | 17,99 | 47,69 | 22,74 | 21,83 | 44,57 | 30,20 | 21,24 | 51,44 |
| Total | 99,57 | 62,83 | 1,62,40 | 1,40,35 | 57,07 | 1,97,42 | 1,20,27 | 63,50 | 1,83,77 | 1,42,80 | 66,76 | 2,09,56 |

Pulses—After attaining self sufficiency in foodgrains, the Government of India has accorded top priority for increasing the production of pulses and included in the New 20 Point programme of the Prime Minister. Mash, Mung, Arhar and Gram and Lentil are the important kharif and rabi pulses crops of the State, respectively. These are low return crops as compared to other competing crops like cotton and paddy during kharif and wheat during rabi, reason due to assured market, etc. Now, the Package of practices has been developed which aim at enhancing the area under summer moong. More stress will be laid on Arhar production. Intensive pulses development programme is already going on in the State. Under this programme the production of pulses is being increased by adopting measures such as laying out demonstration plots, distribution of certified seed on subsidy multiplication of seed at breeders level and timely plant protection measures. For laying out demonstration plots of rabi pulses, input like seeds fertilizers, rahizobium culture are being supplied free of cost at not exceeding Rs. 150 per acre. The achievements along with targets is given as under :—

Area—000 hec.

Production—000 tonnes.

| | | Achievements | | Likely achievement 1982-83 | Target 1983-84 |
|-------------------|------|--------------|---------|-------------------------------|-------------------|
| | | 1980-81 | 1981-82 | | |
| Gram | A .. | 258 | 243 | 285 | 300 |
| | P .. | 150 | 115 | 250 | 270 |
| Kharif pulses | A .. | 56 | 54 | 70 | 68 |
| | P .. | 39 | 34 | 55 | 50 |
| Other rabi pulses | A .. | 24 | 23 | 35 | 35 |
| | P .. | 11 | 10 | 25 | 30 |
| Total | A .. | 338 | 320 | 390 | 403 |
| | P .. | 200 | 159 | 330 | 350 |

Cotton.—Cotton is an important cash crop of canal command area in south western districts of the state. About 65% cotton is grown in this region. The Punjab state occupies premier position in the production of cotton which is supported by the fact that from 8% area in the country, the State accounts for 18% of the total production. This shows that productivity of cotton is highest in the State. The cotton growing districts are covered under Intensive Cotton Distt. Programme. Facilities like ground and aerial spray, timely supply of inputs like seeds, pesticides, fertilizer supported with farmers training camps are offered for increasing cotton production. But due to rising water table in the major cotton growing district the scope for increasing its production is becoming limited. Special emphasis needs to be taken to check this unhealthy trend. The achievements/targets of cotton is given as under :—

| | | 1980-81 | 1981-82 | 1982-83 Likely achieved | 1983-84 Target |
|------------------|----|---------|---------|-------------------------------|-------------------|
| Area (000 hect.) | .. | 648 | 683 | 685 | 650 |
| Production (000) | .. | 1178 | 1270 | 1300 | 1400 |

Sugarcane.—Sugarcane is one of the important cash crop in the state. The productivity is increasing particularly in sugar mill areas due to the introduction of high sugar content varieties, provision of training facilities to the farmers besides plant protection measures. Demonstration plots are laid on cultivator field. Pesticides and good quality seeds are supplied on subsidy to the cultivators.

Present production of sugarcane (Gur) is 672 lakh tonnes (1981-82). There are eight sugar factories functioning in the State although an other sugar mill in Patiala district has been sanctioned. The daily crushing capacity of all the eight sugar mills is 10,000 tonnes which account for 19% of the existing level of production. This is an extremely low figure as compared to the all India average of 33%. Above situation leads us to say that more sugar mills are required for Punjab to increase the percentage of crushing at least to the National level. The achievements/targets are given as under:—

| | 1980-81 Achievement | 1981-82 Achievement | 1982-83 Likely Achievement | 1983-84 Targets |
|-------------------------|------------------------|------------------------|----------------------------------|--------------------|
| Area (000 hct.) | 31 | 106 | 110 | 120 |
| Production (000 tonnes) | 392 | 612 | 640 | 700 |

Oil-seeds—Groundnut is the main crop during kharif and rape and Mustard during the rabi season. The urgency of oil-seed production can hardly be emphasised particularly in the context that Rs. 700 crores are being spent in foreign exchange to import edible oil every year. To step up its existing level of production oil-seed crops has been included in the New 20-Point programme of Prime Minister of India. But due to low returns and risk crops people hesitate to increase area under Oil-seeds crops. Intensive Oil-seeds development programme is already under operation in the state. To check this unhealthy trend of decreasing oilseed production steps like supply of improved seeds, plant protection equipment and pesticides are also supplied on subsidy to the farmers. Achievements/targets have been given as under:—

| | Achievements | | Likely Achieve- ment | | Targets | | | |
|------------------|--------------|-----|-------------------------|-----|---------|-----|---------|-----|
| | 1980-81 | | 1981-82 | | 1982-83 | | 1983-84 | |
| | A | P | A | P | A | P | A | P |
| Ground nut | 83 | 104 | 92 | 90 | 86 | 75 | 85 | 105 |
| Rape and Mustard | 146 | 77 | 108 | 72 | 110 | 84 | 90 | 90 |
| Others | 19 | 6 | 20 | 7 | 10 | 6 | 5 | 5 |
| Total | 248 | 187 | 220 | 169 | 206 | 165 | 180 | 200 |

Staff position under this Minor Head is as under:—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 16 | 16 | 16 |
| Class II | 28 | 28 | 28 |
| Class III | 734 | 734 | 734 |
| Class IV | 271 | 271 | 271 |
| Total | 1,049 | 1,049 | 1,049 |

(Rupees in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Extension and Farmers Training .. | 18,99 | 3,07 | 22,06 | 25,50 | 3,56 | 29,06 | 28,37 | 3,45 | 31,82 | 25,00 | 3,56 | 28,56 |

Extension and Farmers Training.—Farmers themselves are the important input that leads to break through in Agriculture. The transfer of new technology from the scientists to the extension workers and then to the farmers field is very essential. As the Agricultural technology is changing rapidly it is imperative that farmers are being continuously provided with technical know how relating to seeds, fertilizers, pesticides herbicides, implements and water use, etc.

There are twelve farmers training centres in the state, out of which 10 are run by the Agriculture Department, one by P.A.U., Ludhiana and one by Khalsa College, Amritsar. After getting training from the experts of P.A.U. the Extension Functionaries of the Agriculture Department at District level, organise Block/Village level training camps. New package of practices are discussed with the farmers in these camps and in turn their questions are replied at the spot. As Communication is a two way process, that is why organisation of farmers training camps are the need of the hour. Special institutional courses for farmers/farm women are also organised by the staff of the training centres. The focus of this entire programme is on the farm family as a whole and due care is taken by the training centres to provide training to the women also through a net work of Mehla Mandals organised in the villages which are looked after by Female Training Officers, Lady Demonstrators provided in the training centres. Special Rabi and Kharif Seminars are also arranged at the commencement of the respective seasons.

The physical achievements of the training programme for the last few years along with proposed targets for 1983-84 are given as under:—

| | 1980-81 Achievement | 1981-82 Achievement | 1982-83 Likely achievement | 1983-84 Targets |
|--|------------------------|------------------------|-------------------------------|--------------------|
| 1. Specialised institutional courses for farmers and farm women .. | 150 | 200 | 200 | 200 |
| 2. Institutional courses for conveners .. | 35 | 58 | 60 | 60 |
| 3. District Level Camps .. | 24 | 18 | 10 | 20 |
| 4. Block Level Camps .. | 230 | 186 | 186 | 186 |
| 5. Demonstration for farm women .. | 60 | 100 | 100 | 100 |
| 6. Production-cum-Demonstration Camps for HYVP Programme for farmers and farm women .. | 780 | 1,004 | 1,000 | 1,000 |

Staff Strength under this minor head is as under :—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------------|------------|------------|------------|
| Class I .. | 8 | 8 | 8 |
| Class II .. | 31 | 31 | 31 |
| Class III .. | 95 | 95 | 95 |
| Class IV .. | 18 | 18 | 18 |
| Total .. | 152 | 152 | 152 |

(Rupees in thousand)

| | Actuals, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Agricultural Education .. | 2,23,26 | 4,99,35 | 7,22,61 | 2,44,30 | 5,42,05 | 7,86,35 | 2,51,06 | 5,80,50 | 8,31,56 | 2,65,00 | 6,44,00 | 9,09,00 |

The break up of expenditure under this programme is given below :—

| | | | | | | | | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1. Punjab Agricultural University .. | 2,21,27 | 4,99,21 | 7,20,48 | 2,42,42 | 5,41,91 | 7,84,33 | 2,48,83 | 5,80,36 | 8,29,19 | 2,62,65 | 6,43,86 | 9,06,51 |
| 2. Khalsa College, Amritsar/ Punjab Agricultural University, Ludhiana .. | 1,99 | 14 | 2,13 | 1,88 | 14 | 2,02 | 2,23 | 14 | 2,37 | 2,35 | 14 | 2,49 |
| Total .. | 2,23,26 | 4,99,35 | 7,22,61 | 2,44,30 | 5,42,05 | 7,86,35 | 2,51,06 | 5,80,50 | 8,31,56 | 2,65,00 | 6,44,00 | 9,09,00 |

Agricultural Education.—Punjab Agricultural University, Ludhiana was established in 1962 which was entrusted with Research work in the various disciplines of agriculture. This research work is handled by the different departments in the University Research Section has also been established in other parts of the state to tackle regional problems of various crops. Facilities of advanced studies leading to the degrees of the B.Sc Agriculture, and Ph. D (Agri) are also being provided by the P.A.U. Ludhiana. Financial assistance is also given to the Khalsa College, Amritsar, for providing educational facilities in the field of Agriculture and its allied fields.

(Rs in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Agricultural Engineering | 3,12,70 | 4,83 | 3,17,53 | 2,94,90 | 3,98 | 2,98,88 | 3,49,18 | 4,25 | 3,53,43 | 3,79,20 | 4,62 | 3,83,82 |

Agricultural Engineering:

Farm Mechanisation is a pre-requisite at this stage to maintain the tempo of foodgrains production in the State. Secondly farm labour is not easily available in the State. As delay in harvesting of one crop delays the sowing of next crop, e.g. delay in paddy harvesting-delays wheat sowings, that is why mechanisation of farm operations is very necessary.

The main objects of the programme are to introduce new evolved farm machinery for mass scale adoption to carry the latest developments of farm machinery from research agencies to the farmers, modernisation of mechanical farming through optimum use of power and other inputs, installation of Gobar Gas Plants and their after service, and feed back to the research agencies for further improvement. This agency also impart training to the farmers regarding selection operation, maintenance, safe use of threshers and use of tractors, diesel engines etc.

The Agricultural Implements prepared by the manufacturers are also tested according to the standard specifications of I.S.I. the manufacturers are also guided in preparing the agricultural implements. The Agricultural implements/machinery is also tested to ensure whether specific devices in them have been provided or not to avoid any untoward accident.

The physical achievements along with targets for 1983-84 is given as under:—

| Serial No. | Detail of activities | Achievements | Achievements | Achievements | Targets |
|------------|---|-------------------|-------------------|-------------------|-------------------|
| | | 1-7-80 to 30-6-81 | 1-7-81 to 30-6-82 | 1-7-82 to 30-6-83 | 1-7-83 to 30-6-84 |
| 1 | Demonstration of Improved Agricultural Implements at Farmers Fields | 3,120 | 2,948 | 3,850 | 3,850 |
| 2 | Introduction of Improved Agricultural Implements with the help of Demonstration | 6,580 | 6,640 | 8,600 | 8,600 |
| 3 | Farmers Training | 22,000 | 20,374 | 16,000 | 16,000 |
| 4 | Village, Block and District level Farmers' Training Camps | 348 | 392 | 560 | 560 |
| 5 | Demonstration plots sown with improved Agricultural implements | 519 | 461 | 700 | 700 |
| 6 | Installation of Gobar Gas Plants | 390 | 437 | 600 | 600 |
| 7 | After take care of already set up plants | 1,100 | 1,641 | 1,750 | 1,750 |
| 8 | Technical guidance provided to registered firms | 245 | 245 | 310 | 310 |

Table showing staff strength is given below:

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 2 | 3 | 3 |
| Class II | 8 | 10 | 10 |
| Class III | 92 | 182 | 182 |
| Class IV | 58 | 61 | 61 |
| Total | 160 | 256 | 256 |

(Rupees in Thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Budget Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|---------------------------------------|-------------------|----------|----------|---------------------------|----------|----------|---------------------------|----------|----------|--------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Agricultural Economics and Statistics | Rs 4,64 | Rs 6,87 | Rs 11,51 | Rs 17,75 | Rs 7,07 | Rs 24,82 | Rs 12,51 | Rs 7,67 | Rs 20,18 | Rf 16,35 | Rs 8,18 | Rs 24,53 |

Agricultural Economics and Statistics:

The collection, tabulation and analysis of data of the important agricultural commodities is of utmost importance for regulating their production and marketing. The Revenue Department collects the data about area in the field which is received very late. That is why the very purpose of collection of data is lost. Keeping in view the importance of authenticity and time less of agricultural statistics, this section in Agricultural Department was introduced. This Statistical Wing of the department has been assigned the work of forecasting of crop condition, framing estimates of production based on crop cutting experiments in collaboration with the Director of Land Records, compilation of area and production estimates of various crops. It is also very important to make estimates of surplus foodgrains and of other crops which is only possible if the production estimates be made in time and authentic or accurate. The staff provided in this scheme carry out all that above mentioned activities in the department.

Staff strength under this minor head is given below:

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class-I | 3 | 3 | 3 |
| Class-II | 5 | 5 | 5 |
| Class-III | 98 | 98 | 98 |
| Class-IV | 11 | 11 | 11 |
| Total | 117 | 117 | 117 |

(Rupees in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|----------|---------------------------|----------|----------|----------------------------|----------|------------|---------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Agricultural Marketing and Quality Control | Rs 20,86 | Rs 11,93 | Rs 32,79 | Rs 20,00 | Rs 10,87 | Rs 30,87 | Rs 98,78 | Rs 11,67 | Rs 1,10,45 | Rs 22,00 | Rs 12,81 | Rs 34,81 |

Agricultural Marketing and Quality Control :

Agriculture is the major sector of economic activity in Punjab. In spite of the progress achieved the Marketing system in Punjab is much below the desired level of efficiency compared with the standards expected of an efficient marketing system. Most of the existing whole sale markets are situated in the congested localities of the towns and have small market-yards which are being shifted to the outskirts of the cities. There has been a tremendous increase in wheat and paddy production resulting in large volume of surplus. It is highly imperative that the farmers and other involved in marketing be kept informed with the developments taking place in various marketing, techniques and daily market rates. For this purpose the marketing section provides the necessary assistance. The latest market trends are broadcasted through the All India Radio Jalandhar. Market intelligence programme is being carried out in the important markets of the State. Weekly and fortnightly reports about the rates and arrivals of important commodities of the State are also being sent to the Ministry of Agriculture, Government of India, New Delhi from the regulated markets.

Grading and Packing Centres :

Agmark centres have been set up in the State and three Agmark Laboratories have been set up which are functioning at Moga, Ludhiana and Amritsar. The samples of various commodities like vegetable oil, spices, honey, Ghee etc. are chemically analysed for marking the grades. Then the label of Agmark seal has been fixed on the containers for the supply of pure commodities. Physical achievements during the last few years under grading and Agmark is given as under;—

| Serial No. | Name of the commodities | Quantity grades | | | |
|------------|------------------------------|-----------------|---------|------------|------------|
| | | 1980-81 | 1981-82 | 1982-83(P) | 1983-84(T) |
| 1 | Vegetable oil (000) | 82.15 | 92.89 | 100 | 115 |
| 2 | Spices (000) | 19.18 | 16.12 | 20 | 28 |
| 3 | Wheat Atta (000) | .. | .. | .. | 2,000 |
| 4 | Potatoes | 4.09 | 3.4 | 4.0 | 5.0 |
| 5 | Honey | 22 | 30 | 55 | 75 |
| 6 | Ghee | 6.589 | 6.663 | 10.000 | 4.000 |
| 7 | Grapes | 42 | 36 | 125 | 125 |
| 8 | Eggs (lakh numbers) | 11.75 | 11.48 | 20.00 | 22.00 |
| 9 | Citrus fruits (lakh numbers) | 1.28 | 1.34 | 2.5 | 3.00 |
| 10 | Cotton (000 bales) | .. | .. | .. | 5.0 |

Staff position under this sub-head is given below :—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 1 | 1 | 1 |
| Class II | 5 | 5 | 5 |
| Class III | 292 | 292 | 292 |
| Class IV | 67 | 67 | 67 |
| Total | 365 | 365 | 365 |

(Rupees in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Other Expenditure | 58,13 | 5,96 | 64,09 | 38,76 | 7,97 | 46,73 | 39,61 | 6,52 | 46,13 | 43,95 | 8,43 | 52,38 |
| The breakup of items under this programme are given below :— | | | | | | | | | | | | |
| 1. Seed Corporation Seed Certification Authority | 1,50 | .. | 1,50 | 1,21 | .. | 1,21 | 4,10 | .. | 4,10 | 4,00 | .. | 4,00 |
| 2. Construction and Running of Warehousing corporation | 47,00 | .. | 47,00 | 25,00 | .. | 25,00 | 25,00 | .. | 25,00 | 25,00 | .. | 25,00 |
| 3. Other Expenditure | 9,63 | 5,96 | 15,59 | 12,55 | 7,97 | 20,52 | 10,51 | 6,52 | 17,03 | 14,95 | 8,43 | 23,38 |
| Total | 58,13 | 5,96 | 64,09 | 38,76 | 7,97 | 46,73 | 39,61 | 6,52 | 46,13 | 43,95 | 8,43 | 52,38 |

Seed Corporation/seed Certification Authority :

Seed corporation is entrusted with the responsibility of production and distribution of certified seeds. The seed is produced through the registered growers under its strict supervision. The seed is procured from the registered growers, cleaned, graded and then marketed through a network of its dealers scattered in the whole State. The functions of the seed Certification Authority are to recognize authentic source of breeder and foundation seed in order to ensure the development of sound and comprehensive seed programme in the consultation with P.A.U. Ludhiana, State Agriculture Department and seed producers.

Construction and Operation of Warehouses :

The Punjab state warehousing corporation provides storage facilities to the farmers and to the purchasing agencies. The growing agricultural production has given rise to the increasing demand for warehousing facilities. Punjab Government provides share capital to the corporation and it will raise its borrowing capacity from the commercial Banks and thus enable to expand its operation.

Land Development and Reclamation Corporation :

Punjab Government has given top priority for the reclamation of kallar land in the state and it is determined to reclaim it in a shortest possible time. Punjab State Land Development and Reclamation Corporation has been entrusted with the procurement and supply of gypsum the important ingredient for the reclamation of kallar land. It has set up a network of dealers for the purpose. The Corporation has also started the sale of fertilizers through its gypsum dealers and leveling and reclamation of alkaline/saline soils are the major activities performed by this corporation.

Staff Position under this sub-head is given below :—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 1 | 1 | 1 |
| Class II | 2 | 2 | 2 |
| Class III | 16 | 16 | 16 |
| Class IV | 18 | 18 | 18 |
| Total | 37 | 37 | 37 |

(Rs in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------------|-------------------|----------|-------|---------------------------|----------|--------|----------------------------|----------|-------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Boring and Tubewells Organisation | 42,49 | 36,31 | 78,80 | 97,50 | 35,56 | 133,06 | 48,19 | 38,08 | 86,27 | 82,45 | 56,72 | 1,39,17 |

The break-up of this programme is as under :—

| | | | | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|----------------|
| 1. Purchase of debentures/normal loaning programme of land Mortgage Bank, Chandigarh | 27,00 | .. | 27,00 | 77,50 | .. | 77,50 | 32,50 | .. | 32,50 | 58,75 | .. | 58,75 |
| 2. Subsidy for Tubewells/pumping sets and percolation wells | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3. Groundwater Cell Tube-wells boring section | 15,49 | 36,31 | 51,80 | 20,00 | 35,56 | 55,56 | 15,69 | 37,08 | 53,77 | 23,70 | 56,72 | 80,42 |
| Total | 42,49 | 36,31 | 78,80 | 97,50 | 35,56 | 1,33,06 | 48,19 | 38,08 | 86,27 | 82,45 | 56,72 | 1,39,17 |

Deduct—
Recovery on capital account under "506—Capital Outlay on Minor Irrigation

Total Recoveries

Agricultural Credit:—The State Government does not have sufficient resources to provide loans to the farmers for installation of tubewells, and for purchasing tractors etc. The land Mortgage Bank, therefore, has been brought in the field to make available loans to the farmers by getting assistance from the ARDC/world Bank. State Government, only provides debentures support for floating loans.

Tubewells Boring:—The tubewell boring section of the Agriculture department is doing this service to the farmers. This section installs tubewells on the farmers fields and on panchayat lands on the basis of hydrological conditions existing in the area. Besides, general overhauling, repair renewal of machinery and procurement of lowering material is also done by this section of the department.

Ground Water Cell:—This section of the Agriculture department is entrusted with the work of to investigate the availability of ground water at micro-level. This organisation works out the available potential in various areas of the state and scheme are prepared accordingly for getting financial assistance from A.R.D.C. and Nationalised Banks. Ground water cell also record the census of tubewells, electric motors and diesel engines etc. and their water level. Samples of water are collected from various wells and tubewells and takes the responsibility of their testing from the laboratories. This section also carries out ground water survey for preparation of minor irrigation scheme at block and village level.

Trial Bores:—In certain sub-mountane areas like parts of Ropar, Hoshiarpur and Gurdaspur districts. There is a problem of availability of ground water. The poor farmers of this kandi area can not take risk because of high cost involved from the risky bore, because its success is not sure., Trial bore sites are selected in doubtful areas and trial bores are done to find out the availability of water in these areas. The trial bores are also done on the request of farmers in these doubtful areas and the cost of bore is only taken from the beneficiaries if the bore is proved successful.

In the saline ground water areas of south westerns districts of the state, the ground water quality changes from village to village and in some areas in the same village at different deptt. In these areas technical advice is given to the farmers, so that here land should not become alkaline/saline by irrigating the land with faulty water.

Minor Irrigation:—This section in the department is controlled by the Joint Director of Agriculture (Engineering). He is the incharge of all technical work related to the engineering wing. It has the following two sections:—

1. Tubewells section.
2. Agricultural Implements/Section.

In implement section, census of tubewells, tractors, threshers, wheel hand hoe, seed cum fertilizer drills and other Agricultural implements is recorded. The information is compiled block wise every year after getting from Chief Agricultural Officers. This information is all-most importance for formulating the new scheme and further plans.

Minor Irrigation cells issues ground water availability certificates to the P.S.E.B. for the energisation of tubewells. Different schemes prepared by the P.S.E.B. are thoroughly examined considering all technical aspects and water balance is prepared for certification.

Staff strength of this minor head is given as under :—

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|------------|------------|------------|
| Class I | 4 | 4 | 4 |
| Class II | 11 | 11 | 11 |
| Class III | 202 | 202 | 202 |
| Class IV | 179 | 179 | 179 |
| Total | 396 | 396 | 396 |

ANIMAL HUSBANDRY DEPARTMENT PUNJAB**I—Introduction**

Animal Husbandry Department is under the over-all charge of the Director, Animal Husbandry Punjab who is assisted at the Headquarters by four Joint Directors, two Deputy Directors and other supporting staff. The Department has two main wings one for veterinary Services and other for Animal Breeding. The Veterinary Services wing is responsible for rendering Veterinary aid to the ailing animals and control of contagious diseases. For this purpose, Veterinary Hospitals and Dispensaries, Rinderpest Eradication parties, Check posts, Biological Production Section and Livestock Sanitary Laboratory, are run by the Department. The Animal Breeding Comprises of Cattle, Piggery, Poultry and Sheep Breeding. Besides the above activities, this Department handles the marketing of graded wool, Piggery and Poultry Products, etc. In order to provide balanced diet to the animals, the Department has undertaken Feed and Fodder Development Programme. Under the Punjab Agricultural University Act, 1962 the Research and Veterinary Education Programme was transferred to the Punjab Agricultural University for which the Department is providing grant-in-aid to the University. To educate the Progressive breeders the Department is also running short courses for imparting training in Poultry and Piggery Breeding etc. The total receipt of the Department as a result of sale proceeds of eggs, chicks, pigs, wool and milk, etc. is estimated at Rs. 1.10 lac during the year 1983-84.

II—FINANCIAL

| 1 | Accounts 1981-82 | | |
|---|------------------|----------------|----------------|
| | Plan | Non-Plan | Total |
| | 2 | 3 | 4 |
| | Rs | Rs | Rs |
| A. Programme/Activities Classification | | | |
| I. Drecion & Administration .. | 4,67 | 21,95 | 26,62 |
| II. Veterinary Education & Training .. | 62,93 | 40,30 | 1,03,23 |
| III. Veterinary Service and Animal Health .. | 27,01 | 1,83,02 | 2,10,03 |
| IV. Veterinary Research .. | .. | .. | .. |
| V. Investigation & Statistics .. | 3,18 | 1,41 | 4,59 |
| VI. Cattle Development .. | 1,55,00 | 1,86,63 | 3,41,63 |
| VII. Poultry Development .. | 5,25 | 27,16 | 32,41 |
| VIII. Sheep and Wool Development .. | 2,58 | 36,33 | 38,91 |
| IX. Piggery Development .. | 6,22 | 8,20 | 14,42 |
| X. Other Livestock Development .. | 69,99 | .. | 69,99 |
| XI. Fodder and Feed Development .. | 14,66 | 4,37 | 19,03 |
| XII. Assistance to ICAR .. | .. | .. | .. |
| XIII. Other Expenditure .. | .. | 18 | 18 |
| XIV. Construction .. | 12,36 | 42 | 12,78 |
| Total A .. | 3,63,85 | 5,09,97 | 8,73,82 |
| B. Objectwise Classification | | | |
| I. Salaries .. | 98,35 | 3,40,52 | 4,38,87 |
| II. Medical Reimbursement .. | .. | .. | .. |
| II. Travel Expenses .. | 4,23 | 5,30 | 9,53 |
| IV. Grant-in-aid Contribution .. | 62,93 | 40,30 | 1,03,23 |
| V. Supply of Medicine and instruments .. | 16,41 | 42,00 | 58,41 |
| VI. Purchase of Livestock .. | .. | 2,00 | 2,00 |
| VII. Feeding charges .. | 12,25 | 25,00 | 37,25 |
| VIII. Purchase of wool .. | .. | 23,72 | 23,72 |
| IX. Other charges .. | 1,57,32 | 30,71 | 1,88,03 |
| X. Works .. | 12,36 | 42 | 12,78 |
| Total—B .. | 3,63,85 | 5,09,97 | 8,73,82 |
| C—Sources of Financing | | | |
| Demand No. 28 Major head "310—Animal Husbandry .. | 3,51,49 | 5,09,55 | 8,61,04 |
| Demand No. 39—Major head "510—Capital outlay on Animal Husbandry .. | 12,36 | 42 | 12,78 |
| Total .. | 3,63,85 | 5,09,97 | 8,73,82 |

REQUIREMENTS

(Rs. in thousands)

| Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|--------------------------|----------|----------|---------------------------|----------|---------|--------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 4,44 | 20,73 | 25,17 | 3,79 | 23,13 | 26,92 | 3,95 | 25,87 | 29,82 |
| 60,00 | 45,16 | 1,05,16 | 60,00 | 47,02 | 1,07,02 | 66,00 | 51,47 | 1,17,47 |
| 2,02,72 | 2,04,23 | 4,06,95 | 2,04,13 | 2,10,35 | 4,14,48 | 2,17,44 | 2,37,19 | 4,54,63 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 8,12 | 1,75 | 987 | 3,76 | 1,65 | 5,41 | 4,27 | 2,04 | 6,31 |
| 1,00,31 | 1,76,33 | 2,76,64 | 68,74 | 2,04,00 | 2,72,74 | 73,65 | 2,05,24 | 2,78,89 |
| 6,30 | 25,81 | 32,11 | 6,98 | 27,51 | 35,49 | 6,81 | 29,61 | 36,42 |
| 3,60 | 37,11 | 40,71 | 3,59 | 32,48 | 36,07 | 8,30 | 39,57 | 47,87 |
| 8,30 | 7,46 | 15,76 | 8,17 | 7,09 | 15,26 | 10,25 | 8,39 | 18,64 |
| 1,29,23 | .. | 1,29,23 | 33,11 | .. | 33,11 | 54,47 | .. | 54,47 |
| 14,31 | 4,28 | 18,59 | 15,56 | 4,55 | 20,11 | 15,62 | 4,66 | 20,28 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 70 | 70 | .. | 30 | 30 | .. | 23 | 23 |
| 31,66 | 1,00 | 32,66 | 32,97 | 1,00 | 33,97 | 44,80 | 1,10 | 45,90 |
| 5,68,99 | 5,24,56 | 10,93,55 | 4,40,80 | 5,59,08 | 9,99,88 | 5,05,56 | 6,05,37 | 11,10,93 |
| 1,42,74 | 3,16,80 | 4,59,54 | 1,41,85 | 3,63,38 | 5,05,23 | 1,38,29 | 3,98,49 | 5,36,78 |
| 4,48 | 5,58 | 10,06 | 3,05 | 5,81 | 8,86 | 5,72 | 6,53 | 12,25 |
| 5,03 | 5,71 | 10,74 | 3,19 | 5,40 | 8,59 | 8,50 | 6,19 | 14,69 |
| 60,00 | 45,16 | 1,05,16 | 60,00 | 47,02 | 1,07,02 | 66,00 | 51,47 | 1,17,47 |
| 53,72 | 61,30 | 1,15,02 | 90,43 | 74,82 | 1,65,25 | 1,26,41 | 58,96 | 1,85,37 |
| .. | 2,00 | 2,00 | .. | 2,00 | 2,00 | .. | 2,50 | 2,50 |
| 15,00 | 25,00 | 40,00 | 20,00 | 25,00 | 45,00 | 20,00 | 25,00 | 45,00 |
| .. | 25,17 | 25,17 | .. | 20,00 | 20,00 | .. | 25,00 | 25,00 |
| 2,56,36 | 36,84 | 2,93,20 | 89,31 | 14,65 | 1,03,96 | 95,84 | 30,13 | 1,25,97 |
| 31,66 | 1,00 | 32,66 | 32,97 | 1,00 | 33,97 | 44,80 | 1,10 | 45,90 |
| 5,68,99 | 5,24,56 | 10,93,55 | 4,40,80 | 5,59,08 | 9,99,88 | 5,05,56 | 6,05,37 | 11,10,93 |
| 5,37,33 | 5,23,56 | 10,60,89 | 4,07,83 | 5,58,08 | 9,65,91 | 4,60,76 | 6,04,27 | 10,65,03 |
| 31,66 | 1,00 | 32,66 | 32,97 | 1,00 | 33,97 | 44,80 | 1,10 | 45,90 |
| 5,68,99 | 5,24,56 | 10,93,55 | 4,40,80 | 5,59,08 | 9,99,88 | 6,05,56 | 6,05,37 | 11,10,93 |

III EXPLANATION OF

| | | Accounts, 1981-82 | | |
|-------------------------------|----|-------------------|-------------|-------------|
| | | Plan | Non-Plan | Total |
| 1. Direction & Administration | .. | Rs 4,67 | Rs 21,95 | Rs 26,62 |

FINANCIAL REQUIREMENTS

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------|-------------|----------------------------|-------------|-------------|---------------------------|-------------|-------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs 4,44 | Rs 20,73 | Rs 25,17 | Rs 3,79 | Rs 23,13 | Rs 26,92 | Rs 3,95 | Rs 25,87 | Rs 29,82 |

The animal Husbandry Department is under the over all charge of the Director, Animal Husbandry, Punjab who is assisted by four Joint Directors, two Deputy Directors, one Personal Assistant-cum-Planning Officer, one Establishment Officer, One Assistant Accounts' Officer and other supporting staff at the Headquarters. The Policy formulation executive directions and administrative orders are issued from the Directorate which are executed by the Project Officers in Districts. They are assisted by the/District Animal, Husbandry Officers in each District and the Assistant Director, Key Village Scheme Officer Incharge Semen Banks. The following is the summary of the staff.

TABLE I

| Sanctioned Strength | 1981-82 | 1982-83 | 1983-84 |
|---------------------|------------|------------|------------|
| Class—I | 6 | 7 | 7 |
| Class—II | 15 | 15 | 15 |
| Class—III | 142 | 147 | 147 |
| Class—IV | 50 | 52 | 52 |
| Total | 213 | 221 | 221 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| II. Veterinary Education and Training | | | | | | | | | | | | |
| 1. Grant-in-Aid to Punjab Agricultural University Ludhiana | 62,93 | 40,30 | 1,03,23 | 60,00 | 45,16 | 1,05,16 | 60,00 | 47,02 | 1,07,02 | 66,00 | 51,47 | 1,17,47 |

Under the Punjab Agricultural University Act, 1962 the Research and Veterinary Education and Training Programme was transferred to Punjab Agricultural University, Ludhiana, for which the Department is providing grant-in-Aid facilities for Degree and Post-Graduate Classes in various Subjects of Veterinary Science available there.

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| III. Veterinary Service and Animal Health | | | | | | | | | | | | |
| | 27,01 | 1,83,02 | 2,10,03 | 2,02,72 | 2,04,23 | 4,06,95 | 2,04,13 | 2,10,35 | 4,14,48 | 2,17,44 | 2,37,19 | 4,54,63 |

The Programme of Veterinary Services and Animal Health is comprised of affording Veterinary aid to the sick ailing animals in the various Veterinary Hospitals/Dispensaries in the State and undertaking of preventive measures to control the outbreak of contagious diseases like Haemorrhagic, Septicaemia Foot and Mouth, Blackquarter, Worm, Infestation, Rinderpest and Ranikhet by providing timely prophylactic measures against them. In order to ensure the timely supply of medicines and to eliminate supply of spurious drugs to the Veterinary Institutions, the Department has established a Veterinary Medical Store Depot at Jullundur. With a view to ensure regular and timely supply of Sera and Vaccine to the Field staff, the Department has set up Punjab Veterinary Vaccine Institute at Ludhiana. The Break up of Budget provision in this regard is as under:—

| | Revised estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------------|----------------|----------------|---------------------------|----------------|----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs |
| Veterinary Hospitals/Dispensaries .. | 1,98,81 | 1,90,54 | 3,89,35 | 2,11,09 | 2,13,63 | 4,24,72 |
| Veterinary Medical Store Depot .. | 1,10 | 1,77 | 2,87 | 1,10 | 1,90 | 3,00 |
| Vaccination parties Vigilance Units and check posts .. | .. | 3,16 | 3,16 | .. | 5,92 | 5,92 |
| Biological Products .. | 4,22 | 13,24 | 17,46 | 5,25 | 14,02 | 19,27 |
| Livestock Sanitary Laboratory .. | .. | 1,64 | 1,64 | .. | 1,72 | 1,72 |
| Total .. | 2,04,13 | 2,10,35 | 4,14,48 | 2,17,44 | 2,37,19 | 4,54,63 |

The number of Veterinary Institutions being run by the Department and the cases treated therein is given in Table below:—

TABLE II

| | 1981-82 | 1982-83 | 1983-84 |
|--|-----------|-----------|-----------|
| Veterinary Hospitals | .. | 766 | 768 |
| Veterinary Dispensaries | .. | 458 | 468 |
| Number of cases treated in Hospitals as outdoor patients | 20,63,852 | 23,00,000 | 24,00,000 |
| Number of cases treated for contagious and non-contiguous diseases on tour | .. | 5,669 | 6,000 |
| Number of cases treated in Hospitals as indoor patients | 84 | 100 | 150 |
| Number of castractions performed on tour and in Hospitals | 26,949 | 28,000 | 30,000 |

The Table below give the number of vaccinations and in oculation done against Major contagiou^s diseases:—

TABLE III

| | 1981-82 | | 1982-83 | | 1983-84 (proposed) | |
|--------------------------|--------------|--------------------|--------------|--------------|--------------------|--------------------|
| | Vaccinations | Inoccupa- tions | Vaccinations | Incculations | Vaccinations | Inoccupa- tions |
| Haemorrhagic Septicaemia | 24,66,027 | .. | 25,00,000 | .. | 26,00,000 | .. |
| Rinderpest | 6,28,409 | .. | 7,00,000 | .. | 8,00,000 | .. |
| Blackquarter | 10,856 | .. | 12,000 | .. | 14,000 | .. |
| Ranikhet/Foul Pox | 36,18,000 | .. | 40,00,000 | .. | 45,00,000 | .. |
| Foot and Mouth | 2,06,532 | .. | 2,20,000 | .. | 2,50,000 | .. |
| Other | 37,200 | .. | 40,000 | .. | 45,000 | .. |

The following vaccines are manufactured at the Biological Products Section, Ludhiana.

| Serial No. | Name of Vaccine | 1981-82 | 1982-83 | 1983-84 |
|------------|---|-------------|-------------|-------------|
| | | Doses | Doses | Doses |
| 1 | Rinderpest (Freeze Drive Goat Tissue Vaccine) | 22,26,400 | 24,98,200 | 27,48,000 |
| 2 | Black Quarter | 7,18,360 | 6,24,000 | 6,86,400 |
| 3 | Ranikhet Vaccine F 2 | 98,22,800 | 91,84,000 | 1,00,00,000 |
| 4 | Ranikhet Vaccine F.I. | 1,69,20,200 | 2,01,07,400 | 2,21,00,000 |
| 5 | Fowl Pox | 58,45,000 | 80,16,000 | 88,00,000 |
| 6 | Anti Rabic 5% | 9,90,070 | 13,12,500 | 14,00,000 |
| 7 | Anti Rabic 20% | 12,635 | 12,658 | 13,900 |
| 8 | H.S. Alum PPT | 37,93,020 | 37,21,590 | 40,90,000 |
| 9 | H.S. Oil Adj. | 96,440 | 17,920 | 14,700 |
| 10 | Enterotoxaemia | 2,56,720 | 5,48,000 | 6,00,000 |

In order to carry out regular immunity tests with a view to ascertain as to whether the vaccinated animals have really been protected against a particular disease and to see that the field staff has carried out the vaccination work with potent vaccine, the Department has established Livestock Sanitary Laboratory. The following table gives details of tests carried out in this Laboratory:—

TABLE IV

| | 1981-82 | 1982-83 | 1983-84 |
|--------------------------------|---------|---------|---------|
| Number reports received .. | 53 | 60 | 60 |
| Number of Samples collected .. | 42 | 75 | 75 |

In order to have strict control over the various Poultry disease, diagnostic Laboratory has been established. The table below shows the number of tests performed in this Laboratory.

TABLE V

| | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| 1 Number of reports outbreak received .. | —6 | +8 | +13 |
| 2 (a) Number of post mortoms done in Poultry Farms .. | 1,137 | 1,450 | 1,750 |
| (b) No. of culture sensitivity and other test done in Laboratory .. | .. | 20 | 80 |
| (c) Salmonelle Pulloram Testing done .. | 3,963 | 35,000 | 43,000 |

The summary of the staff working in the various institutions for taking up Veterinary Services and Animal Health measures is given in the Table below:—

TABLE VI

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I .. | 2 | 6 | 6 |
| Class II .. | 17 | 23 | 23 |
| Class III .. | 1,342 | 2,704 | 2,704 |
| Class IV .. | 1,070 | 1,505 | 1,505 |
| Total .. | 2,431 | 4,238 | 4,238 |

IV VETERINARY RESEARCH

The Programme of Veterinary Research is with the Punjab Agricultural University and this Department has no separate Programme.

| | Accounts, 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------|----------------------|----------|-------|-----------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| V. Investigation and Statistics | 3,18 | 1,41 | 4,59 | 8,12 | 1,75 | 9,87 | 3,76 | 1,65 | 5,41 | 4,27 | 2,04 | 6,31 |

For the development of cattle and Buffaloes for increased milk production five Intensive Cattle Development Projects were set up in the State. With a view to ascertaining the initial animal Husbandry conditions, level of milk production marketing, and utilisation of milk and feed Fodder resources, etc. Bench Mark and Integrated Surveys on Livestock number level of production of livestock products and their marketing are being conducted in the State. In addition to this Government Breeding farms have been set up for the regular supply of pedigreed and proven Sires. For this purpose, small Statistical units have been established in these farms for the collection of Breedings data.

The Summary of the Staff working under the investigation and Statistic is given in the Table below:—

TABLE VII

| Sanctioned strength | 1981-82 | 1982-83 | 1983-84 |
|---------------------|---------|---------|---------|
| Class I | 1 | 1 | 1 |
| Class II | 3 | 3 | 3 |
| Class III | 49 | 49 | 49 |
| Class IV | 2 | 2 | 2 |
| Total | 55 | 55 | 55 |

(Rs in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------|----------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| VI. Cattle Development | 1,55,00 | 1,86,63 | 3,41,63 | 1,00,31 | 1,76,33 | 2,76,64 | 68,74 | 2,04,00 | 2,72,74 | 73,65 | 2,05,24 | 2,78,89 |

Cattle Occupy an important place in the economy of rural areas in India. Majority of our cattle at present are of non-descript breeds and they have to be improved so as to raise the socio-economic conditions of the residents of the state and also augment milk resources. The following are budgetary provision for this activity :—

| | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|------------------------------|----------------|----------------|------------------------------|----------------|----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 1. Cattle Development (Regular) .. | 57,18 | 1,04,44 | 1,61,62 | 59,71 | 1,16,23 | 1,75,94 |
| 2. Bull Centres .. | .. | 2,89 | 2,89 | .. | 3,99 | 3,99 |
| 3. Intensive Cattle Development Projects .. | .. | 48,95 | 48,95 | .. | 39,78 | 39,78 |
| 4. Jersey Cross Breeding farm .. | 1,23 | 2,28 | 3,51 | 1,24 | 2,48 | 3,72 |
| 5. Specilised Dairy Units .. | .. | .. | .. | .. | .. | .. |
| 6. Indo-Swiss Project Patiala .. | 8,24 | 40,00 | 48,24 | 8,00 | 37,01 | 45,01 |
| 7. Holstein Frisian Farms .. | 2,09 | 5,44 | 7,53 | 4,70 | 5,75 | 10,45 |
| Total .. | 68,74 | 2,04,00 | 2,72,74 | 73,65 | 2,05,24 | 2,78,89 |

For achieving rapid development of cattle and Milk resources in the State, the Department is maintaining nucleus herd of exotic cattle at the Departmental farms established at Patiala, Nabha Mattewara (Ludhiana) and Ropar. Buffaloes being the main source of milk in the State, the Department has established Buffaloes Breeding farm, proven Bulls are produced through progeny testing programme at the Farm.

The following table gives various categories of animals being maintained at the various farms :—

TABLE VIII

| | 1981-82 | | | | 1982-83 | | | | 1983-84 | | | |
|---|---------|--------|--------|---------|---------|--------|--------|---------|---------|--------|--------|--------|
| | Male | Female | Calves | Heifers | Male | Female | Calves | Heifers | Male | Female | Calves | Heifer |
| 1. Brown Swiss Nabha, Patiala | 2 | 4 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2. Sahiwal Bir Dosanjh, Nabha, Patiala | 8 | 59 | 6 | 15 | 2 | 65 | 30 | 9 | 2 | 70 | 40 | 3 |
| 3. Cross Bred Patiala, Nabha | 18 | 72 | 155 | 11 | 25 | 90 | 180 | 20 | 30 | 100 | 200 | 25 |
| 4. Rathi (Patiala) | .. | .. | .. | .. | .. | 100 | .. | .. | .. | 90 | .. | .. |
| 5. Buffaloes (Bir Dosanjh) | 10 | 156 | 215 | 26 | 10 | 143 | 231 | 36 | 20 | 183 | 252 | 43 |
| 6. Buffaloes, Nabha (Semen Bank) | 52 | .. | .. | .. | 60 | .. | 55 | .. | 60 | .. | 60 | .. |
| 7. Holstein Friesian Patiala & Bir Dosanjh | 42 | 26 | 10 | 8 | 31 | 20 | 52 | 4 | 50 | 20 | 45 | 5 |

| | 1981-82 | | | | 1982-83 | | | | 1983-84 | | | |
|---|---------|--------|-------|---------|---------|--------|--------|---------|---------|--------|--------|---------|
| | Male | Female | Calve | Heifers | Male | Female | Calves | Heifers | Male | Female | Calves | Heifers |
| 8. Holstein Friesian farm Mattewara | 10 | 99 | 21 | 97 | 2 | 100 | 71 | 47 | 2 | 110 | 50 | 40 |
| 9. Jersey farm Ropar | 3 | 26 | 13 | 22 | 3 | 34 | 20 | 13 | 5 | 32 | 18 | 16 |
| 10. Bullocks, Patiala and Nabha | 10 | .. | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. |
| 11. Other Breed) at Patiala (Mares) | 2 | .. | .. | .. | 2 | .. | .. | .. | 2 | .. | .. | .. |

The Department has been providing Artificial Insemination services by adopting scientific methods of Breeding by maintaining exotic bulls for cross breeding and other pedigreed bulls at various Semen Banks, Artificial Insemination centres, Key village Units and Intensive Cattle Development Project Units.

Under the Integrated Rural Development Programme, the Department is engaged in setting up of Veterinary Hospitals-cum-A.I. Centres at the Focal Points in every block as selected by Government. For the Feed and Fodder Development, it is proposed to set up composit simple Demonstration Plots, silo Pits and to supply improved Fodder seeds to the farmers.

The following gives the number of such institutions established so far :—

TABLE IX

| | 1981-82 | 1982-83 | 1983-84 |
|---------------------------------------|---------|---------|---------|
| 1. Frozen Semen Banks | 3 | 3 | 4 |
| 2. Semen Banks | 3 | 3 | 3 |
| 3. Artificial Insemination Centres | 46 | 46 | 46 |
| 4. Key Village Units & I.C.D.P. Units | 575 | 573 | 573 |

The number of bulls being maintained at the above noted institutions and the numbers of inseminations carried out, is given in the Table below :—

TABLE X

| | 1981-82 | 1982-83 | 1983-84 |
|--|----------|----------|----------|
| (a) Number of bulls (Cows) | 203 | 210 | 215 |
| (b) Nmbcr of Bulls (Buffaloes) | 112 | 120 | 140 |
| (c) Number of Inseminations— | | | |
| (i) Artificial Inseminations (Cows) | 5,01,192 | 5,15,000 | 5,50,000 |
| (ii) Artificial Insemination (Buffaloes) | 1,27,581 | 1,40,000 | 1,55,000 |
| (i) Natural Services | .. | .. | .. |
| (ii) Cows | .. | .. | .. |
| (iii) Buffaloes | .. | .. | .. |

Summary of the staff working in the Cattle Development Programme is given below :—

TABLE XI

| Sanctioned Strength | 1981-82 | 1982-83 | 1983-84 |
|---------------------|---------|---------|---------|
| Class I .. | 9 | 8 | 8 |
| Class II .. | 22 | 23 | 23 |
| Class III .. | 22,05 | 8,56 | 8,56 |
| Class IV .. | 15,90 | 11,93 | 11,93 |
| Total .. | 38,26 | 20,80 | 20,80 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| VII. Poultry Development | 5,25 | 27,16 | 32,41 | 6,30 | 25,81 | 32,11 | 6,98 | 27,51 | 34,49 | 6,81 | 29,61 | 36,42 |

To meet the problem of evergrowing demand for meat and eggs, Poultry Industry offers a good solution. This also provides an alternative means for the improvement of Socio-economic condition of the people of the State. The Department has established poultry farms at Gurdaspur, Jullundur, Malerkotla, Patiala and Kotkapura where poultry birds are raised to meet the demands of various institutions and poultry breeders for the supply of poultry birds and eggs. There are fifty six poultry Extension Centres for providing technical advice and other facilities to private poultry Breeders. Besides the Training programme includes fifteen days training courses for Poultry Breeders.

The following table indicates the number of birds reared and eggs produced at various Poultry Farms :—

TABLE XII

| | 1981-82 | 1982-83 | 1983-84 |
|------------------------|-----------|-----------|-----------|
| | Actual | Estimates | Proposed |
| (i) Birds kept .. | 65,005 | 14,200 | 16,500 |
| (ii) Eggs produced .. | 16,87,807 | 18,00,000 | 20,00,000 |
| (iii) Birds hatched .. | 4,03,970 | 5,50,000 | 8,00,000 |

The number of courses held and trainees is given in the table below —

TABLE XIII

| Courses held in Poultry | 1981-82 | | 1982-83 | | 1983-84 | |
|-------------------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| | No. of Courses | Persons trained | No. of Courses | Persons trained | No. of Courses | Persons trained |
| | 99 | 4,952 | 125 | 5,500 | 150 | 6,500 |

The Summary the staff of working in the Poultry Development is given below:—

TABLE XIV

| Sanctioned Strength | 1981-82 | 1982-83 | 1983-84 |
|---------------------|---------|---------|---------|
| Class I | 2 | 2 | 2 |
| Class II | 8 | 8 | 8 |
| Class III | 133 | 134 | 134 |
| Class IV | 83 | 83 | 83 |
| Total | 226 | 227 | 227 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------|-------------------|----------|----------|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| VIII Sheep and Wool Development | Rs 2,58 | Rs 36,33 | Rs 38,91 | Rs 3,60 | Rs 37,11 | Rs 40,71 | Rs 3,59 | Rs 32,48 | Rs 36,07 | Rs 8,30 | Rs 39,57 | Rs 47,87 |

Realising the importance of Sheep and Wool in the Agricultural Economy and also due to increased demand for wool and Mutton, the tempo of Sheep and Wool Development has been intensified and the Department has established sheep Breeding Farms, Mattewara, Distt. Ludhiana, and Dhar Kalan District Gurdaspur, where the corriedale sheep are being reared under scientific conditions. Besides, there are 35 Sheep Extension Centres where Rams of Corriedale bred are kept for cross breeding of local sheep for increased Wool production. There is however, at present no incentive to the producers to bring improvement in their flocks because they get only minimum price of wool and that too for the quantity and not for the quality of wool produced. The present system of shearing the sheep with the clippers,

besides being hard, and labourious, is very uneconomical and it really depreciated the market value of wool. With a view to provide marketing facilities to the producers, wool grading cum marketing centre has been established at Ludhiana with the assistance of the Food and Agricultural Organisation of the United Nations. The numbers of Sheep and rams kept at the Sheep Breeding farm, Mattewara, Sheep Farm, Dhar, together with the wool produced is given in the Table:—

TABLE XV

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|---|---------|------|------|---------|------|-------|---------|------|-------|
| | Ewes | Rams | Lamb | Ewes | Rams | Lambs | Ewes | Rams | Lambs |
| (a) Sheep Farm, Mattewara, Corridale .. | 222 | 39 | 143 | 190 | 30 | 100 | 200 | 50 | 120 |
| Cross Bred .. | 60 | 4 | 261 | .. | 30 | 98 | .. | 40 | 100 |
| Nali Breed .. | 217 | 10 | 9 | 190 | .. | .. | 180 | .. | .. |
| (b) Wool produced in Kgs.— | | | | | | | | | |
| Corridale .. | 478 | 75 | 212 | 400 | 50 | 130 | 420 | 70 | 140 |
| Cross Bred .. | 86 | 68 | 20 | .. | 30 | 90 | .. | 40 | 100 |
| Nali .. | 311 | 2 | .. | 420 | .. | .. | 400 | .. | .. |
| Sheep Farm, Dhar | 220 | 15 | 135 | 152 | 7 | 109 | 210 | 16 | 100 |
| (d) Wool Produced in Kgs. .. | 162 | 20 | 86 | 80 | 24 | 50 | 150 | 35 | 75 |

The progress of the work done at the Wool Grading centres is given below:—

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|---|---------------|-----|-----|-------------|-----|-----|------------|-----|-----|
| | (Actuals) | | | (Estimates) | | | (Proposed) | | |
| | Qts. | Kg. | Gm. | Qtl. | Kg. | Gm. | Qtl. | Kg. | Gm. |
| 1. Wool purchased (in Qts) .. | 1448 | 82 | 750 | 1000 | 00 | 000 | 2,000 | 00 | 000 |
| 2. Wool received from Govt. farms/ centres (Qts) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3. Wool Sold in (Qts) .. | 1034 | 29 | 000 | 1500 | 00 | 000 | 2,000 | 00 | 000 |
| 4. Total receipt from the sale of Wool (in Rs.) .. | Rs. 14,98,134 | | | 24,00,000 | | | 26,00,000 | | |

Sanction to incur the expenditure and to draw the amount in advance for the purchase of Raw Wool during 1982-83 and the sanction to continue the wool purchase Committee during the year 1982-83 were not received in time and thus the Sept. 82 Wool purchase could not be carried out and this resulted into fall in expenditure.

The summary of the staff working under the Sheep Breeding programme is as under:—

TABLE XVI

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I .. | 1 | 1 | 1 |
| Class II .. | 5 | 5 | 5 |
| Class III .. | 93 | 94 | 94 |
| Class IV .. | 66 | 86 | 86 |
| Total .. | 165 | 186 | 186 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| IX. Piggery Development | 6,22 | 8,20 | 14,42 | 8,30 | 7,46 | 15,76 | 8,17 | 7,09 | 15,26 | 10,25 | 8,39 | 18,64 |

Pig Being prolific breeder, it offers ready solution to the problem of meat at Cheaper rates as pigs multiply quickly and grow rapidly at comparatively low cost and attain marketable size at an early age of 6-8 months. In order to improve the pig industry in the State, the Department has started pig Breeding farms at Gurdaspur, Jullundur Ludhiana, Kharar, Nabha Mallewal, and Badal, where pigs are reared on scientific lines. The pigs are supplied from these farms to private breeders at subsidised rates. Besides 15 days training is also imparted to the breeders to equip them with technical know how in the rearing of pigs through modern methods, and scientifically.

The following table indicates the number of animals kept at various piggery farms.

TABLE XVII

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|----------------------|---------|------|---------|---------|------|---------|---------|------|---------|
| | Boars | Sows | Piglets | Boars | Sows | Piglets | Boars | Sows | Piglets |
| Nabha .. | 10 | 100 | 1000 | 13 | 150 | 1500 | 15 | 150 | 1500 |
| Jullundur .. | 3 | 40 | 400 | 3 | 40 | 400 | 3 | 40 | 400 |
| Gurdaspur .. | 10 | 100 | 1000 | 10 | 100 | 1000 | 10 | 100 | 1000 |
| Ludhiana .. | 2 | 30 | 300 | 2 | 30 | 300 | 2 | 30 | 300 |
| Kharar .. | 10 | 100 | 1000 | 15 | 150 | 1500 | 20 | 200 | 2000 |
| Badal .. | 2 | 30 | 300 | 2 | 30 | 300 | 2 | 30 | 300 |
| Mallewal (Ferozepur) | 10 | 100 | 1000 | 10 | 150 | 1500 | 15 | 150 | 1500 |
| Mattewara .. | 10 | 100 | 1000 | 10 | 100 | 1000 | 10 | 100 | 1000 |

The summary of the staff in the Piggery Development Programme is as under:—

TABLE XVII

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--------------|---------|---------|-----------------------|
| Class I .. | 1 | 1 | 1 |
| Class II .. | 5 | 5 | 5 |
| Class III .. | 96 | 97 | 97 |
| Class IV .. | 81 | 82 | 82 |
| Total | 183 | 185 | 185 |

(Rs. in thousand d)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------|------------------|----------|-------|--------------------------|----------|---------|---------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| X. Other Livestock Development | 69,99 | .. | 69,99 | 1,29,23 | .. | 1,29,23 | 33,11 | .. | 33,11 | 54,47 | .. | 54,47 |

Buffaloes are the main stay of Dairy Industry, as about 80% of the milk produced in the State is derived from Buffalo. Improvement in the Buffaloes has to be brought about through selective Breeding and by use of progeny tested bulls. Consequently progeny testing programme in Buffaloes is proposed to be taken up in field conditions so that large number of Bulls could be tested at a time. Presently, a large number of Buffaloes are being exported to big cities and other states, depleting the breeding tract the indentified of the superior germ plasm. With a view to restrict the export of high yielding Buffaloes and their retention in the Breeding tract identified Buffaloes are proposed to be given on the basis of their milk yield on an arrange rate of Rs 2500 per Animal. Besides the evaluation programme alluded to above, a large number of male calves from high yielding dams will be purchased from the Military farms/Breeders and raised at the Government Bull rearing Farm, Matterwara, till their maturity.

The Kandi water shed and Area Development Programme is to be taken up with World assistance for Integrated development of Land and water resources in the five catchments up to their outfalls in Dholbaha, Janauri, Chabal, Maili in Hoshiarpur District and Patiala Ki Rao in Ropar District. The Animal Husbandry Programme aim at replacement of inferior quality animals presently maintained by the Livestock owners with superior and high yielding stock.

Setting up of Polytechnics for Animal Husbandry and Agricultural training.

During the Plan period, considerable emphasis is being Laid on Animal Husbandry activities including Cattle and Buffalo Development. For the successful implementation of these programme, it is prerequisite that the personnel manning those programme should be given in service training. The duration of the training course will naturally depend upon the level of the training.

The working group of Animal Husbandry and Dairying in its report has recommended that State sector Plan should include outlay plan for training of different levels of technical personnel and the shepherds in the Sheep Husbandry and Wool Development etc. With a view to provide such training and refrsher courses, there is a direct need to establish a Multifical training Centre on Animal Husbandry.

The Summary of the staff in the other Livestock Development Programme is given under:—

| | 1981-82 | 1982-83 | 1983-84 |
|---------------------|---------|---------|---------|
| Sanctioned strength | | | |
| Class I | .. 1 | 2 | 2 |
| Class II | .. 7 | 5 | 5 |
| Class III | .. 19 | 61 | 61 |
| Class IV | .. 7 | 43 | 43 |
| Total | ... 34 | 111 | 111 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------|-------------------|----------|-------|-----------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| XI. Fodder and Feed Development | 14,66 | 4,37 | 19,03 | 14,31 | 4,28 | 18,59 | 15,56 | 4,55 | 20,11 | 15,62 | 4,66 | 20,28 |

Fodder and Feed Development activity comprises of distribution of seed, grant of subsidy for demonstration plots and giving technical know how to the Livestock Breeders in the State. The Department has started production of improved seed and fodder at Bir Dosanjh, Nabha. As this farm is in initial stages, it has been able to meet the demand of Department only. The supply of improved seeds has not yet been started to the general public. It is expected that in the near future, this farm will be able to cope with departmental demands as well as those of the Public. Besides this department is producing Fodder at the Departmental Farms, at Patiala, Nabha Bir Dosanjh, and Mattewara, for meeting the requirements of the animals. The department is also establishing one Fodder Dying units at Mattewara, for meeting the requirements during the dry seasons. Also two feed manufacturing Units have been established at Amritsar, and Jullundur for providing balanced feed to the breeders. In order to exercise quality control over the feed being supplied to the Poultry birds. A laboratory has been established to conduct various tests to ensure that it contains ingredients in desired proportions. The progress of work is given below:—

TABLE XXI

| | 1981-82 | | 1982-83 | | 1983-84 | |
|--|-------------------------|---------------|-------------------------|------------------|-------------------------|---------------|
| | Fodder seed in Quintals | Roots in Nos. | Fodder seed in Quintals | Roots in Numbers | Fodder seed in Quintals | Roots in Nos. |
| 1. Seed Roots distributed (Quintals) | 15,00 | Not fixed | 15,00 | Not fixed | 1770 | 7 Lakh |
| 2. Area under cultivation at Government farms (in acres) | 840 Acres | | 860 Acres | | 885 Acres | |
| 3. Demonstration plots laid in acres) | 24,00 Acre | | 24,88 Acres | | 1475 Acres | |

The Summary of the staff under Fodder and Feed Development is given below :—

TABLE XX

| Sanctioned Strength | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---------------------|---------|---------|-----------------------|
| Class I | 1 | 1 | 1 |
| Class II | 2 | 2 | 2 |
| Class III | 37 | 38 | 38 |
| Class IV | 33 | 34 | 34 |
| Total | 73 | 75 | 75 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| XIII—Other Expenditure | .. | 18 | 18 | .. | 70 | 70 | .. | 30 | 30 | .. | 23 | 23 |

The Department has established Gosadan at Kothi Rani Dhi where lambs and infirm animals are brought from the various Goushalas in the State. These animals are kept there on grazing till they die natural death.

TABLE XXI

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | 10 | 10 |
| Class IV | .. | 4 | 4 |
| Total | .. | 14 | 14 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
|------------------|-------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | |
| XIV—Construction | .. | 12,36 | 42 | 12,78 | 31,66 | 1,00 | 32,66 | 32,97 | 1,00 | 33,97 | 44,80 | 1,10 | 45,90 |

The provision under this activity is included in the demand of Public Works Department (B.&R.) for actual performance of the works on behalf of this Department and maintenance of existing buildings. The actual performance of these works will be reflected in the budget of Public Works Department. The details of works for which provision as made is given in Annexure I.

List showing the Budget provision in respect of various construction works of the Animal Husbandry Department.

ANNEXURE I

(Rs. in thousand)

| | Budget Estimates, 1983-84 | | |
|--|---------------------------|-------------|--------------|
| | Plan | Non-Plan | Total |
| 1. Establishment of polyclinics at District Head-quarter .. | 5,00 | .. | 5,00 |
| 2. Indo-Swiss Project for Cattle Dev. (II Phase) .. | 2,00 | .. | 2,00 |
| 3. Expansion of Government Holstein Frisian Cattle Breeding Farm, Mattewara .. | 50 | .. | 50 |
| 4. Setting up of Bull Station-cum-Semen Banks and L.N. Plants .. | 5,00 | .. | 5,00 |
| 5. Kule Majra Cooperative Farms construction of houses .. | 3,00 | .. | 3,00 |
| 6. Additional production of Day Old Pullets at State Poultry Farms .. | 2,00 | .. | 2,00 |
| 7. Establishment of Broiler Project for production of day old hybrid broiler chicks .. | 1,00 | .. | 1,00 |
| 8. Expansion of Pig Breeding Farms/Units .. | 50 | .. | 50 |
| 9. Establishment of New Pig Breeding Farm, Kharar .. | 3,50 | .. | 3,50 |
| 10. Establishment of Fattening Unit at Pig Breeding Farm, Kharar .. | 1,00 | .. | 1,00 |
| 11. Kandi Watershed area Dev. Project .. | 14,00 | .. | 14,00 |
| 12. Setting up of Polytechnics for Animal Husbandry and Agricultural Training .. | 4,60 | .. | 4,60 |
| 13. Expansion of Buffaloe Breeding Farm, Bir Dosanjh, Nabha .. | 1,00 | .. | 1,00 |
| 14. Intensification of existing Forage Planting Materials Production Farm, Nabha .. | 1,00 | .. | 1,00 |
| 15. Expansion of Sheep Breeding Farm at Dhar and Mattewara .. | 70 | .. | 70 |
| 16. Additions and alterations of existing building .. | .. | 1,10 | 1,10 |
| Total .. | 44,80 | 1,10 | 45,90 |

CO-OPERATION DEPARTMENT

I—INTRODUCTION

The Co-operatives have been viewed an important instrument for decentralisation of the economy and encouraging local initiatives particularly involving weaker sections and persons of limited resources. A strong and viable Co-operative organisation is thus imperative for launching effective programmes of assisting the weak, particularly the rural sector. They enable the small producers to secure economics which are otherwise available to the large producers. In the pattern of development which emphasise family farms, village and small industries, supply and distribution system, Co-operatives are in dispensable instrument for success.

2. The Co-operative Department functions as a guide to the Co-operative Movement for the ultimate welfare of the State. The Registrar, Co-operative Societies, is appointed under the Punjab Co-operative Societies Act, in addition to enjoying the powers vested in him under the Act and the rules, he is required to function as a Friend, Philosopher and Guide. He is assisted at the headquarters by 5 Additional Registrars, 3 Joint Registrars, two Deputy Registrars, an Establishment Officer and an Accounts Officer. A post of Officer on Special Duty of Assistant Registrar's level has also been created in the staff. He would primarily look after the Scheme of World Bank, assisted by 3 Assistants, one Clerk and 11 Sub-Inspectors have also been created. These officers are working on functional basis at the headquarters. Each officer is looking after special activities of the Co-operative Movement like Banking and Credit, Marketing and Processing, Rural and Urban Distribution, Handloom, Small and Village Industries, Dairying and Milk Supply, Budget and Planning, Government Investments, Housing, Sugar Mills, Spinning Mills and Administration. Each Additional Registrar is holding an independent charge of separate sections activities. There is separate Enforcement Section having one Deputy Registrar and a D.S.P. In addition to them, there are 2 Assistant Registrars for the supervision of education and women co-operatives. Every district is headed by a Deputy Registrar, Co-operative Societies. However, for the present, Kapurthala district which is being looked after by the Deputy Registrar, Jalandhar. Out of these, 5 Districts, namely, Ludhiana, Sangrur, Gurdaspur, Ferozepur and Faridkot have been brought under Intensive Agricultural Development Programme and are provided Deputy Registrars with some subordinate staff under this programme. The Deputy Registrars are assisted for implementation of the Co-operative Plans and development activities by the Assistant Registrars. There are for the present 34 Assistant Registrars, Co-operative Societies, headquarters at various Sub-Divisional headquarters. The Assistant Registrars for the purposes of implementation and execution of schemes have been provided with Inspectors and Sub-Inspectors on functional basis at block level as well as at focal points. There are 954 posts of Inspectors and 1,055 posts of Sub-Inspectors (including I.A.D.P.) out of which 500 Inspectors and 1,000 Sub-Inspectors are especially looking after the most important activities of Agricultural Credit through reorganised Agricultural Service Societies at focal points under Integrated Rural Development Programme and at other places.

3. Co-operative Sector have planned to go ahead with the programme of setting of Spinning Mills and waste Cotton Plant in the State to benefit the Cotton Growers for better remunerative prices of Cotton to the weaker sections of the society. Keeping in view, the State have decided to go ahead with setting up of six Co-operative Spinning Mills with 25,000 spindles capacity each during Sixth Five Year Plan. One Spinning Mill at Kotkapura at Sandhwan is already in production, second at Abohar has come in production during the month of October, 1982, third and fourth at Malout and Mansa are in an advanced stage of construction and are likely to be commissioned in April, 1983. The construction of remaining two Spinning Mills at Tappa and Goindwal has also been taken up and it is expected that these two mills will also be in production during the year 1983-84.

3.1. With the setting up above six new Co-operative Spinning Mills each with 25,000 spindles capacity there will be adequate waste cotton available with these mills which can further be processed in to yarn of lower counts to be utilised by handloom weavers of the State for making of duries, Kheses etc. There is great demand for such yarn in the State, particularly in Nakodar area of Jullundur District. For the better profitability of Co-operative Spinning Mills a separate society in the name and stypole of "The Nakodar Co-operative Cotton Waste Spinning Mills" has been registered during the month of August, 1982. The project cost of this mill is Rs. 65.00 lakhs.

3.2. The State Government have so far provided Rs. 788.76 lacs to the Mills. There is need of Rs. 175.00 lakhs during the year 1983-84 for providing the same to the Cotton and Handloom Weavers Spinning Mills in the form of share capital to commission these mills as per schedule. Accordingly a sum of Rs. 175.00 lakhs has been proposed to be provided under Scheme No. CN-6.1 "Assistance to Spinfed for expansion and setting up new Spinning Mills/Cotton Growers, Handloom Weavers Spinning Mills/Cotton Waste Spinning Mills" 1983-84 (Plan).

4. During 1983-84, on the advice of the Government of India Markfed has been given assistance to contribute a sum of Rs. 10.00 lacs as a share capital of KRIBCHO Fertilizers so as to increase the Fertilizer production potential of the country. During 1983-84 it has been proposed to construct godown of 80,000 M.T. by Markfed & 80,000 M.T. by Primary Co-operative Agricultural Society and for this purpose a sum of Rs. 159.00 lacs has been proposed. The execution of the scheme will be carried away so that the Agricultural produce is properly stored. Apart from this Markfed is also taking up construction of Polythene woven Bags plan during 1983-84 at a block cost of rupees one crore in order to meet out the growing demand of bags by Markfed itself and other concerns. Out of 7 Vanaspati Plants in operation in the Punjab State, the Markfed Vanaspati Plant at Khanna is the one of the best plants. It has contributed its large share toward production of Vanaspati Ghee which is one of the essential commodities. In order to augment the production of Vanaspati in the State the Markfed has plan for expansion of the existing Vanaspati Plant. A sum of Rupees 18.79 lacs is being provided as share capital for the purpose. With the installation of another Vanaspati Plant in the State production of Vanaspati will be increased manifold. This Plant will produce Oil from Cotton Seed & Rice bran. The rice bran to the extent of 4.2 million tonnes will be used for the production of edible oil i.e. 8.4 lacs tonnes for human consumption.

5. White revolution in Punjab is being brought about with the implementation of "Operation Flood" in two phasis. Cabinet decision has been taken for the merger of Punjab Dairy Development Corporation into Milkfed which was one of the outstanding conditions of Indian Dairy Development Board. The steps for implementation of the decision is on way and Milk Federation has been assigned the job of marger in consultation of Punjab Dairy Development Corporation.

6. There are sixteen Central Co-operative Consumer Stores with their 131 branches. Consumer Co-operatives are effectively serving as instruments of Consumer protection in the sphere of Urban and rural distribution in Consumers goods. The essential commodities of common use are supplied in urban areas through the branches of the Central Co-operative Consumer Stores and the State Co-operative Consumers Federation being their apex body for the consumers co-operative both in urban and rural area has to procure the consumers articles such as pulses, controlled coth, soaps, tea, salt, tyre tubes, matches etc. from sources or from distribution and has to maintain supply line for Central Co-operative Consumers Stores. It is proposed to make contribution of Rupees 1.00 lac as share capital to five stores @ Rs 0.20 lac each and Rupees 300 lacs as share capital to the State Federation of Consumer Co-operatives during the year 1983-84.

7. In Co-operative Sector members of Co-operative House Building Societies are being provided necessary funds for the construction of houses. During the Sixth Five-Year Plan 1980-85, it is proposed to further strengthen the capital base of the Punjab State Co-operative Housing Federation and Housing Societies by contribution towards share capital and a provision of Rupees 25.00 lacs has been made. A provision of Rupees 10.00 lacs has been proposed considering the additional requirements during 1983-84.

8. The Punjab Handloom Weavers Co-operative Apex Society shortly known as Handloom Apex has been rechristened as WEAVCO. WEAVCO has drawn up an ambitious programme to provide services to the weaker section of the Society i. e. weavers in the State for the supply of raw material techniques for production & marketing facilities to sell their furnished goods and the down troden Shoemakers Co-operatives. A sum of Rupees 9.50 lacs as subsidy, Rupees 26.30 lacs share capital and Rupees 72.00 lacs loans has been provided to the Co-operatives to improve their economic life during 1983-84. In addition, the WEAVCO will attend to set up Dyeing & Furnishing Plant, one each at Amritsar, Hoshiarpur, Ludhiana and Kotkapura. Plant at Amritsar is expected to come into production shortly. In order to meet the shoddy yarn to its members, the WEAVCO has plans to set up a Plant with 12 hundred spindles capacity.

9. The programme for construction of storage for foodgrains and inputs has been taken up by the Primary Agricultural Service Societies & Markfed through the World Bank assistance. The target of sanction of godown for the year 1983-84 will be to the capacity of 80,000 M.T. There is a long time programme for the construction of godown for foodgrains and other inputs. This work is being implemented under a project of the World Bank. The executing agencies, i. e. Markfed & Punjab State Co-operative Bank, have been entrusted to complete the task by the year ending 30th June, 1983 to the extent of 1,00,000 M.T. capacity.

Audit of Co-operatives

Since the Government has invested huge funds in Co-operative Institutions in the shape of share capital subsidies and has undertaken floating of debentures of State Co-operative Land Mortgage Bank to the tune of crores of rupees, the importance of Co-operative Audit can not be overlooked. In order to keep proper check on the working of Co-operative Institutions a separate Co-operative Audit Department, Chief Auditor as its Head of Department is functioning since 1970. During the year ended on 30th June,

1982, this Department conducted the audit of 16,675 societies out of 20,799 societies under annual and concurrent audit, percentage of which works out to 80%. The audit helped a lot in prompt detection of serious irregularities, resulting in their timely rectifications and remedial measures. The Department has also un-earthed embezzlements. Mis-appropriations and serious irregularities during the course of audit which were reported to the concerned for necessary action and remedial measures.

II—FINANCIAL REQUIREMENTS

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|----------|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| A— Programme / Activity Classification | | | | | | | | | | | | |
| Registrar, Co-operative Societies, Punjab— | | | | | | | | | | | | |
| (a) Direction and Administration .. | 51,34 | 2,17,39 | 2,68,73 | 60,00 | 2,54,06 | 3,14,06 | 60,00 | 2,70,46 | 3,30,46 | 70,00 | 2,95,11 | 5,65,11 |
| (b) Education, Research and Training .. | 95 | .. | 95 | 1,00 | .. | 1,00 | 8,69 | .. | 8,69 | 4,50 | .. | 4,50 |
| (c) Information and Publicity .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Credit Co-operatives .. | 4,08,82 | .. | 4,08,82 | 3,66,43 | .. | 3,66,43 | 3,44,05 | .. | 3,44,05 | 1,65,00 | .. | 1,65,00 |
| (e) Housing Co-operatives | 5,00 | .. | 5,00 | 10,00 | .. | 18,00 | 10,00 | .. | 10,00 | 10,00 | .. | 10,00 |
| (f) Labour Co-operatives .. | 75 | .. | 75 | 1,00 | .. | 1,00 | 84 | .. | 84 | 1,00 | .. | 1,00 |
| (g) Farming Co-operatives | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (h) Warehousing and Marketing Co-operatives | 1,59,31 | 11,94,75 | 13,54,06 | 1,65,12 | 15,00,00 | 16,65,12 | 1,32,80 | 16,52,50 | 17,85,30 | 3,67,75 | 15,00,00 | 18,67,75 |
| (i) Processing Co-operatives | 4,03,79 | .. | 4,03,79 | 10,69,49 | .. | 10,69,49 | 7,50,56 | .. | 7,50,34 | 4,42,25 | .. | 4,43,25 |
| (j) Dairy Corporatives .. | 3,94 | .. | 3,94 | 47,00 | .. | .. | 47,00 | .. | 47,00 | 20,00 | .. | 20,00 |
| (k) Consumers Co-operatives | 31,85 | .. | 31,85 | 24,00 | .. | 24,00 | 14,33 | .. | 14,33 | 14,00 | .. | 14,00 |
| (l) Co-operative Sugar Factories (Mills) | 1,00 | .. | 1,00 | 95,05 | .. | 95,05 | 1,66,05 | .. | 1,66,05 | 1,86,25 | .. | 1,86,25 |
| (m) Other Co-operatives .. | 30,00 | .. | 30,00 | 45,50 | .. | 45,50 | .. | .. | .. | 2,00 | .. | 2,00 |
| (n) Industrial Cooperatives | 23,36 | .. | 23,36 | 2,37,00 | .. | 2,37,00 | 1,39,64 | .. | 1,39,64 | 1,51,50 | .. | 1,51,50 |

II—FINANCIAL REQUIREMENTS

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (o) Co-operative Sugar Mills .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (p) Co-operative Spinning Mills .. | .. | .. | .. | 39,00 | .. | 39,00 | 39,00 | .. | 39,00 | .. | .. | .. |
| Total—Registrar, Co-operative Societies, Punjab .. | 11,20,11 | 14,12,14 | 25,32,25 | 21,60,59 | 17,54,06 | 39,14,65 | 17,12,76 | 19,22,96 | 36,35,72 | 14,34,22 | 17,95,11 | 32,29,36 |
| II—State Trading Pesticides .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (Scheme transferred to Agriculture Department (Finance Department)) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Charged .. | .. | .. | .. | .. | 20 | 20 | .. | 20 | 20 | .. | 25 | 25 |
| All over Grand Total .. | 11,20,11 | 14,12,14 | 25,32,25 | 21,60,59 | 17,54,26 | 39,14,85 | 17,12,76 | 19,23,16 | 36,35,92 | 14,34,25 | 17,95,36 | 32,30,61 |

III—FINANCIAL REQUIREMENTS

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| B—Object-wise Classification | | | | | | | | | | | | |
| 1. Registrar, Co-operative Societies, Punjab— | | | | | | | | | | | | |
| (1) Salaries .. | 43,39 | 1,99,08 | 2,42,47 | 49,83 | 2,27,86 | 2,77,71 | 49,83 | 2,42,49 | 2,92,32 | 55,89 | 2,67,14 | 3,23,03 |
| (2) Wages .. | .. | 25 | 25 | .. | 34 | 34 | .. | 34 | 34 | .. | 44 | 44 |
| (3) Travelling Expenses .. | 4,85 | 9,50 | 14,35 | 6,05 | 11,11 | 17,16 | 6,05 | 12,36 | 18,41 | 10,05 | 12,09 | 22,14 |
| (4) Office Expenses .. | 3,10 | 6,00 | 9,10 | 3,00 | 7,25 | 10,25 | 3,00 | 7,29 | 10,29 | 3,05 | 7,78 | 10,83 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (5) Rent, Rates and Taxes | | 1,87 | 1,87 | 20 | 2,50 | 2,70 | 20 | 2,61 | 2,81 | 20 | 2,85 | 3,05 |
| (6) Liveries | | 69 | 69 | 1 | 83 | 84 | 1 | 86 | 87 | 1 | 96 | 97 |
| (7) Medical Reimbursement | | | | 91 | 4,17 | 5,08 | 91 | 4,51 | 5,42 | 80 | 3,85 | 4,65 |
| (8) Grants | 69,56 | | 69,56 | 68,16 | | 68,16 | 1,41,60 | | 1,41,60 | 69,30 | | 69,30 |
| (9) Loan | 53,83 | 11,94,75 | 12,48,58 | 4,95,54 | 15,00,00 | 19,95,54 | 49,47 | 16,52,50 | 17,01,97 | 89,50 | 15,00,00 | 15,89,50 |
| (10) Share Capital | 9,45,38 | | 9,45,38 | 15,36,89 | | 15,36,89 | 14,61,69 | | 14,61,69 | 12,06,45 | | 12,06,45 |
| Total :— | 11,20,11 | 14,12,14 | 25,32,25 | 21,60,59 | 17,54,06 | 39,14,65 | 17,12,76 | 19,22,96 | 36,35,72 | 14,34,25 | 17,95,11 | 32,30,36 |
| Registrar, Co-operative Societies, Punjab Charged | | | | | 20 | 20 | | 20 | 20 | | 25 | 25 |
| Grant Total .. | 11,20,11 | 14,12,14 | 25,32,25 | 21,60,59 | 17,54,06 | 39,14,65 | 17,12,76 | 19,22,96 | 36,35,72 | 14,34,25 | 17,95,11 | 32,30,36 |

Source of Finance

Demand No. 25

Major Head :

| | | | | | | | | | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 298—Co-operation (Plan) | 1,20,90 | 2,17,39 | 3,38,29 | 1,28,16 | 2,54,06 | 3,82,22 | 2,01,60 | 2,70,46 | 4,72,06 | 1,39,30 | 2,95,11 | 4,34,41 |
| Registrar, Co-operative Societies, Punjab | | | | | | | | | | | | |

Major Head :

| | | | | | | | | | | | | |
|---|---------|--|---------|----------|--|----------|----------|--|----------|----------|--|----------|
| 498—Capital Outlay on Co-operation— | | | | | | | | | | | | |
| Registrar, Co-operative Societies, Punjab | 9,45,38 | | 9,45,38 | 15,36,89 | | 15,36,89 | 14,61,69 | | 14,61,69 | 12,06,45 | | 12,06,45 |

Major Head :

| | | | | | | | | | | | | |
|---|-------|----------|----------|---------|----------|----------|-------|----------|----------|-------|----------|----------|
| 698—Loans for Co-operation— | | | | | | | | | | | | |
| Registrar, Co-operative Societies, Punjab | 53,83 | 11,94,75 | 12,47,58 | 4,95,54 | 15,00,00 | 19,95,54 | 49,47 | 16,52,50 | 17,01,97 | 89,50 | 15,00,00 | 15,89,50 |
| Charged | | | | | 20 | 20 | | 20 | 20 | | 25 | 25 |

Grand Total .. 11,20,11 14,12,14 25,32,25 21,60,59 17,54,26 39,14,85 17,12,76 19,23,16 36,35,92 14,35,25 17,95,36 32,30,61

Note.—Figures of Chief Auditor, Co-operative Societies, Punjab has been supplied by him direct being separate Head of Department.

III Explanation of Financial Requirements

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (a) Direction and Administration | 51,34 | 2,17,39 | 2,68,73 | 60,00 | 2,54,06 | 3,14,06 | 60,00 | 2,70,46 | 3,30,46 | 70,00 | 2,95,11 | 3,65,11 |

Direction :

The Co-operative Department is under the over-all charge of Registrar, Co-operative Societies Punjab, who is assisted at the headquarters by 5 Additional Registrars, 3 Joint Registrars, 2 Deputy Registrars, one Establishment Officer, one Accounts Officer, one D.S.P. one Officer on Special Duty and other staff at headquarters. The policy formulation, execution directions and administrative orders are issued from the Directorate to the field staff. The Additional Registrar at the Headquarters are independent Incharge of various activities on functional basis. The following Table indicates position of staff working at the headquarters:—

TABLE I

| Sanctioned Strength | 1981-82 | 1982-83 | 1983-84 |
|-------------------------|---------|---------|---------|
| Class I | 17 | 17 | 17 |
| Class II | 6 | 6 | 7 |
| Class III (Ministerial) | 156 | 156 | 160 |
| Class IV | 40 | 40 | 40 |
| Total | 219 | 219 | 224 |

Administration :

The execution of various programmes is undertaken by the Co-operation Department at the district level and all the districts except Kapurthala are having Deputy Registrars as Head of Co-operative activities of the concerned district. For the present, Kapurthala district is attended to by the Deputy Registrars, Jalandhar. They are further assisted by 34 Assistant Registrars, Co-operative Societies who are incharge of their respective circles and are posted at the Sub-Divisional headquarters. For the purposes of implementation of the programme, Supervision and execution, the Assistant Registrars are assisted in the field by 595 Inspectors and 1066 Sub-Inspectors including (I.A.D. P. posts), besides other ministerial supporting staff. Similarly, one Lady Assistant Registrar and one Educational Assistant Registrar are looking after the activities of Women Co-operative and Co-operative Education Programme of the State

The Co-operative Training Institute for imparting training in Co-operative activities of the basic level is functioning at Nabha. The following is the summary of the Staff working in the Subordinate officers :—

TABLE II

| Sanction Strength | 1981-82 | 1982-83 | 1983-84 |
|-------------------|---------|---------|---------|
| Class I .. | 6 | 6 | 6 |
| Class II .. | 40 | 40 | 41 |
| Class III .. | 2,416 | 2,416 | 2,431 |
| Class IV .. | 407 | 407 | 407 |
| Total .. | 2,869 | 2,869 | 2,885 |

The Total sanctioned strength of the Co-operative Department is given below :—

TABLE III

| Sanctioned Strength | 1981-82 | 1982-83 | 1983-84 |
|---------------------|---------|---------|---------|
| Class I .. | 23 | 23 | 23 |
| Class II .. | 46 | 46 | 47 |
| Class III .. | 2,572 | 2,572 | 2,587 |
| Class IV .. | 447 | 447 | 447 |
| Total .. | 3,088 | 3,088 | 3,104 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (a) Education Research and Training | 95 | .. | 95 | 1,00 | .. | 1,00 | 8,69 | .. | 8,69 | 4,50 | .. | 4,50 |

C.N-11.1.—To ensure progress of Co-operative Movement on all fronts following schemes have been drawn up :—

It is continued scheme. The scheme of Member Education has been in operation since 1957. There are at present 26 perpetation units each manned by the Education Instructor who are imparting training to the Managers Committee Members including Officer-bearers. Members and Potential Members of the societies under Co-operative Education Scheme. According to the scheme each unit is required to conduct courses of Secretaries/Managers of four weeks duration and Managing Committee Members including office bearers of village societies of one week duration and of members and potential members for a period of 3 days. However, keeping in view the vast increase in membership in the Co-operative Societies and in reorganisation programme of agricultural co-operatives it is proposed to increase and strengthen the number of units.

To run the scheme efficiently and with adequate number of Units, a provision of Rs. 3.50 lacs has been proposed for the plan year 1983-84 for similar objects.

C.N.-11.2.—It is a continued scheme, under the Plan Programme various schemes for the development of Co-operative Movement were drawn up particularly the reorganisation of Primary Agricultural Service Societies. Each trainee is given Rs. 75 per mensem as stipend and Rs. 75 as T.A. per session of six months duration. There is one training institution in the State at Nabha for this purpose. During the sixth five year plan 1980—85 a provision of Rs. 7.50 lacs has been made out of which a sum of Rs. 1.00 acs is being proposed for the year 1983-84.

Credit Co-operatives.—The credit part of the Co-operative Movement has all along been of great significance and importance for the development of economy of the State. This has been assisting the activities relating to Agricultural Production, advancement of loans to weaker Sections of the societies through Co-operatives in furtherance of their better economic life.

Following figures will depict the provisions of fund during 1983-84 as subsidy, share capital and loans to Co-operatives.

| | (Rs in thousands) | | | | | | | | | | | |
|----------------------|-------------------|----------|---------|--------------------------|----------|---------|---------------------------|----------|---------|--------------------------|----------|---------|
| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Eudget Estimates 1983-84 | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Credit Co-operatives | 4,08,82 | .. | 4,08,82 | 3,66,43 | .. | 3,66,43 | 3,44,05 | .. | 3,44,05 | 1,65,00 | .. | 1,65,00 |

In order to further strengthen the Co-operative Movement in the State in so far as credit Co-operatives are concerned following scheme have been prepared for execution during 1983-84.

| Serial No. | Name of the Scheme | Subsidy | Share Capital | Loan | Total |
|------------|--|---------|---------------|-------|--------|
| 1 | C. N-2.2 Assistance to Primary Agr. Service Societies for construction of godown during 1983-84 (Plan) | 10.00 | .. | 15.00 | 25.00 |
| | C.S.-2 Assistance for construction of rural godown Primary Agr. Service Societies (NCDC) | .. | .. | .. | .. |
| 2 | C.N.2.3 Share Capital Contribution to the Apex. Central and. Primary Credit Institutions/Societies. | .. | 112.00 | .. | 112.00 |
| 3 | C.N.2.4 Assistance to re-organised Primary Agricultural Service Societies as Bad Debt Reserves (Ris, Fund), Managerial subsidy and Non-overdue cover, 1983-84 (Plan) | 13.00 | .. | .. | 13.00 |
| 4 | C.N.-2.5 Assistance to Central Co-operative Banks for Agricultural Credit Stabilization Fund 1983-84 (Plan) | 5.00 | .. | 2.50 | 15.00 |
| | G.S.1 Agricultural Credit Stabilization Fund (Centrally Sponsored Scheme) 1983-84 (Plan) | 7.50 | .. | .. | |
| | | 35.50 | 1120.00 | 17.50 | 165.00 |

C.N-2.2 / C.S-2.—It is an old scheme. It is contemplated to provide second instalment to 75 societies for construction of godowns of 500, 1200-150 M.T. capacity each. This would be provided in the shape of subsidy (40—) from Plan resources (C.N.S-2.2) and loan (60—) reimbursable from N.C.D.C under C.S.-2. The total requirements are Rs. 10.00 lacs as subsidy under Plan scheme No. N-2.2. and Rs. 15.00 lacs as loans under N.C.D.C. shared scheme C.S.-2.

C.N-2.3.—This is a continued scheme. This scheme has been made with the collaboration of scheme for share capital contribution to Punjab State Co-operative Land Mortgage Bank, Punjab State Co-operative Bank, Central Co-operative Banks, Primary Co-operative Land Mortgage Banks and Primary Agricultural Service Societies. It has been considered necessary to strengthen the share capital of the Apex, Central and Primary Credit Institution/Societies during the Sixth Five Year Plan to enable to channelize large amount of medium-term/short term and long term loans for farm improvement by taking up minor irrigation, soil conservation and other land improvement schemes. As a result of additional share participation by the Government the borrowing capacity of Financing Institutions of Rs. 590 lacs has been proposed under the scheme for contribution to the share capital of co-operative credit institutions. The finances are made available entirely by the National Bank for Agriculture and Rural Development as a loan to the State Government out of National Rural Credit (Long term operation) Fund to enable it for participation in the share capital of the Apex, Central and Primary Credit Institutions/Societies. Hence it will not be financial burden on the State. A sum of Rs. 590.00 lacs has been provided during the Sixth Five Year Plan i.e. 1980-85 to the Apex, Central and Primary Credit Institutions/Societies. A provision of Rs. 112 lacs has been proposed for this scheme for the year 1983-84.

C.N-2.4.—This is a continued scheme taken up on the advice of the Government of India. The object of this scheme is to encourage the agricultural service societies to advance agricultural credit to weaker sections of the farming community. The level of crop credit in Co-operative Sector was to the order of Rs. 78 crores during the year 1977-78 and it is expected that the co-operatives would be able to advance Rs. 250 crores during the current financial year 1982-83 and a target of Rs. 290 crores has been fixed for the year 1983-84. 43% of the total advancement is being provided to the small and marginal farmers. It is endeavoured to be increased to 45% during the year 1983-84. In order to provide support to the agricultural service societies at the base to strengthen them particularly for advancing to weaker section i.e. marginal and small farmers risk around it being created in the agricultural service societies advancing loans to these categories of farming community. The contribution at the rate of 2% of additional advancement made by the co-operative agricultural service societies to small and marginal farmers during the last one year would be made by the societies. A provision of Rs. 141.41 lacs has been made in the Sixth Five Year Plan 1980-85 for this purpose during the year 1983-84, a sum of Rs. 13.00 lacs have been provided.

C.N-2.5 C.S-1—This is a continued scheme. There is Centrally Sponsored scheme continuing from 5th Five Years Plan under which the Government of India has been providing funds for strengthening the agricultural credit (Stabilization) Fund of the Punjab State Co-operative Land in the form of loan and subsidy at the rate of 25% and 75% respectively considering the increase in the volume of short-term agricultural advances. The agricultural credit (Stabilization) Fund into three years. Medium-term loans of the State Co-operative Bank Central Co-operative Banks, Primary Agricultural Service Societies and their members in the event of occurrence of natural calamity. According to the previous arrangements approved by the Reserve Bank of India 15% and 10% of the total amount requiring conversion was met total amount requiring conversion was met by the concerned Central Co-operative Banks and State Co-operative Banks and State Co-operative Bank respectively and the balance 75% was provided by the Co-operative respectively and the balance 75% was provided by the Reserve Bank of India (Now NABRD). The Central Government on the suggestion of Reserve Bank of India has modified this scheme to the extent that alongwith the State Co-operative Bank and the Central Co-operative Banks. The State Government should also its shares 15% of the total amount requiring conversion. It should create a State Agricultural Credit (Stabilization) Fund and contribute funds to the same to meet its share at the prescribed rate.

Of the total amount requiring conversion so that the members of the Primary Agricultural Service Societies may not face any difficulty in availing fresh production loans from their societies. In this respect it is worth mentioning that the Punjab State Co-operative Bank, and the Central Co-operative Banks are already crediting 15% of the profit to their agricultural credit (Stabilization) Fund every year. The object of the creation of this fund at Central and Apex Bank level as well as State Government level is to strengthen the Co-operative credit structure considering the significance of the Agricultural Credit (Stabilization) Fund as mentioned above, the State Government may also contribute funds to the State Agricultural Credit (Stabilization) Fund to maintained with the Punjab State Co-operative Bank. A provision of Rs. 40.00 lacs has been made for the Sixth Five Years Plan out of which 5.00 lacs have been proposed for the year 1983-84.

Under centrally sponsored scheme of Government of India, Ministry of Agriculture and Rural Development Department Agricultural Credit the fund under it will be provided to the Apex Coop. Bank provision for the year 1982-83 is estimates at Rs. 10.00 lacs which will be entirely made available by Government of India at the rate of 75% subsidy and 25% loan to the State Government for the Plan Year 1983-84. Similarly provision of Rs 10.00 lack has been proposed for this purpose. Total provision for the Plan 1980-85 is made, is Rs. 50.00 lacs.

(Rs in thousands)

Housing Co-operatives

| | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (h) Housing Co-operatives | 5.00 | .... | 5.00 | 10.00 | .. | 10.00 | 10.00 | .. | 10.00 | 10.00 | .. | 10.00 |

C.N.3.1.—Assistance to Housing Societies/Housing Federation as Margin Money and Managerial Subsidy

During the Sixth Five Year Plan 1980-85, it is proposed to further strengthen the capital base of the Punjab State Co-operative Housing Federation and Housing Societies by contribution towards share capital and a provision of Rs. 25.00 lacs has been made. A provision of Rs. 10.00 lacs has been proposed consideration the additional requirements during 1983-84.

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (g) Labour Co-operatives | 75 | .. | 75 | 1.00 | .. | 1.00 | 84 | .. | 84 | 1.00 | .. | 1.00 |

C.N.4.1.—Assistance for technical cell in District Co-operative Labour Unions and State Level Federation

It is a continued scheme. The Labour Co-operative do not have adequate resources to meet the financial requirement of technical personal as such it is proposed to strengthen the Unions of labour Co-operatives and State level Federation, so that these may be able to secure works of higher value for the societies and their role will not only be advises but these will be made responsible for the procurement and execution of works of the higher value and play an important role for the labour Co-operatives, for the purpose. It is proposed to strengthen the labour Federation at the Apex level and to make it effective in arranging works as well as technical guidance through a well organised technical cell consisting of S.D.O. and Oversees which will be available to the labour cooperatives for technical advice and for solving their problems. This staff is already working in the labour federation since 1983-84.

It is proposed to provided Rs. 1.00 lacs to such Institution during the year 1982-83. The assistance wouldt be utilised for employment of technical staff only. The provision of Rs. 1.00 lacs has already been kept inthe Sixth Five Year Plan for the year 1983-84.

(Rs in thousands)

| | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (h) Warehousing and Marketing Co-operatives | 1,59,31 | .. | 1,59,31 | 1,65,12 | .. | 1,65,12 | 1,32,80 | .. | 1,32,80 | 3,67,75 | .. | 3,67,75 |

C.N.5.3—Assistance to Markfed for contribution as share capital to KRIBCHO Fertilisers—1983-84 (Plan)

On the advice of the Government of India it is decided to purchase of shares of KRIBCHO Fertilizers for Rs. 25.00 lacs during the plan period 1980-85 by the Markfed. A sum of Rs. 10.00 lacs has been contributed by the Government during 1981-82 and 1982-83. The entire amount is to be provided by the State Government as share capital to the Markfed for contribution to KRIBCHO Fertilizers. A sum of Rs. 10.00 lacs has been proposed for this purpose during the year 1983-84.

(Rs in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Processing Co-operatives | 4,03,79 | .. | 4,03,79 | 6,76,66 | .. | 6,76,66 | 7,59,36 | .. | 7,59,36 | 4,43,25 | .. | 4,43,25 |

C.N-5.4.—Construction of wheat storage godowns NCDC-II Project.

In order to execute the processing of various raw material in the State following Schemes have been prepared to boost the production in the Co-operative Sector during 1983-84.

| | | | | | |
|----------|---|---------|---------------|------|--------|
| C.S.-6. | Assistance for preparation of project reports feasibility studies to Milkfed and studies to other State Federation | Subsidy | Share Capital | Loan | Total |
| | | 1.00 | .. | .. | 1.00 |
| C.N.-6.1 | Assistance to Spinfed for expansion and setting up new Spinning mills/Handloom Weavers Spinning Mills/Cotton Waste Spinning Mills | .. | 175.00 | .. | 175.00 |
| C.S.-7 | Share Capital participation for expansion and setting up New Spinning Mills/Cotton Waste Spinning Mills | .. | 217.25 | .. | 217.25 |
| C.N.-6.3 | Assistance to Markfed for setting up Processing Units | .. | 50.00 | .. | 50.00 |
| | | 1.00 | 442.25 | .. | 443.25 |

C.S- 6—It is a continued scheme which is included in the 6th Five year Plan for the purpose of preparing feasibility studies/project reports for the new Projects and its Units to be taken up in the Cooperative Sector. The NCDC is providing 100% subsidy for the purpose through State Government. For the purpose of establishing the prices of Cotton in the State, as many as six new Spinning Mills with ginning and pressing units are being set up in the Cooperative Sector. With a view to prepare project report necessary details for a sound start, it is very essential that on the spot feasibility study and detailed project reports are prepared by Technical Experts. These experts, shall be preparing project reports/ feasibility studies before installation of Spinning Mills and its units. The studies are conducted and report is prepared by All India Federation of Cooperative Spinning Mills who are approved by the NCDC for the purpose. Further for small units like, ginning and pressing factories, the project reports are being prepared by the Technical expert of SPINFED. The Project reports would be prepared by the Federation at the total cost of Rs. 1.00 lakh. As the assistance would be available from the NCDC a provision of Rs. 2.00 lakh has been made during the year 1983-84 out of which Rs. 1.00 lakh to SPINFED is proposed to be made.

C.N-6.1 & C.S-7.—Keeping in view the State have decided to go ahead with setting up six Cooperative Spinning Mills with 25,000 spindles capacity each during the sixth five year plan. One spinning mills at Kotkapura at Sandhwan is already in production, second at Abohar has come in production during the month of Oct. 1982, third and fourth at Malout and Mansa are in an advanced stage of construction and are likely to be commissioned in April, 1983. The construction of remaining two spinning mills at Tappa and Goindwal has also been taken up and it is expected that these two mills will also be in production during the year 1983-84.

With the setting up above six new Cooperative Spinning mills each with 25,000 spindles capacity there will be adequate waste cotton available with these mill which can further be processed in to yarn of lower counts to be utilised by handloom weavers of the State for making of darries, Kheses etc. There is great demand for such yarn in the State, particularly in Nakodar area of Jalandhar District. For the better profitability of Cooperative Spinning Mills a separate society in the name and Style of "The Nakodar Cooperative Cotton Waste Spinning Mills has been registered during the month of August, 1982. The project cost of this mill is Rs. 65.00 lakhs.

The State Govt. have so far provided Rs. 788.760 lacs to the Mills. There is need of Rs. 175.00 lakhs during the year 1983-84 for providing the same to the Cotton and Handloom Weavers Spinning Mills in the form of share capital to commission these mills as per schedule. Accordingly a sum of Rs. 175.00 lakhs has been proposed to be provided under Scheme No. CN-6. 1 "Assistance to Spinfed for expansion and setting up new Spinning mills/Cotton grower, handloom weavers Spinning Mills/Cotton Waste Spinning Mills " 1983-84 (Plan).

C.N-6.3—Assistance to Marked for setting up Processing Units

POLYTHENE BAGS PLANTS

MARKFED uses a large number of polythene woven bags for despatching the end products of Kapurthala Plant and Fertilizer Plants. At present, such bags are being procured from the open market. In addition to the cost becoming excessive the delays in procuring them effects the sale of end products. Plants also sometime increase the inventory. MARKFED contemplates to put-up a polythene woven bag plant at a block cost of Rs. 1,00 lacs. It is anticipated that there would be no difficulty in disposing them of as they would be mostly used in our plants. The plant is supposed to be financed on the following patters :—

| | |
|--------------------------|-----|
| Share Capital of MARKFED | 9% |
| -ditto- State Govt | 26% |
| Loan from NCDC | 65% |

The plant is expected to give reasonable return on investment in view of the fact that most of the products would be utilized by MARKFED itself and there would be no delay in disposing of the products.

1. VANASPATI PLANT

At present there are 6-7 Vanaspati Mills in the State. The existing plants are not in a position to meet out the requirements of the area, thereby resulting in scarcity of this essential commodity.

As per the policy of the Govt. about 70% imported oil are used in the manufacturing of Vanaspati which are being arranged through STC. The other important constituent is cottonseed oil. Since MARKFED has got its own 150 tonnes per day capacity cotton seed processing plant at Gidderbaha

and is also contemplating to set-up more cottonseed plants in the State, as such there will be no difficulty for MARKFED to supply the required quantity to cottonseed oil for the proposed Vanaspati Plant.

MARKFED is operating very successfully a Vanaspati Mill at Khanna since 1973 and is earning good profit from this Plant. Therefore, there will be no problem of expertise skill in running the proposed plant.

Looking to the experience of MARKFED in Vanaspati Trade and availability of cottonseed and Rice bran oil from its own oil mills, MARKFED is contemplating to set-up 50 tonnes/day Vanaspati Plant in the existing Vanaspati Plant, Khanna. Since the required quantity of cottonseed will be available in the campus itself as such it will improve the economy of the Plant. Further the Plant will be at an estimated cost of Rs. 250 lacs for which MARKFED has already applied for the issuing of licence to the Central Government and is like to be issued very shortly.

It is expected that the new mill will help in a great way in tiding over the crisis of shortage of Vanaspati in the area by providing vanaspati of good quality. It will also generate employment opportunity to about 200 persons of different categories like technical, administrative and supervisory etc.

We have applied for the issuing of the licence to the Central Govt. for setting-up of Vanaspati Plant. It is, therefore, requested that a provision of Rs. 18.79 lacs may be made in the budget scheme as share capital. The other finance of loan etc. would be arranged through NCDC Schemes.

EDIBLE RICE BRAN OIL PLANT

India is one of the biggest producers of rice in the World next only to China. We produced 63.61 million tonnes of paddy during 1979-80 and expected 84 million during the ensuing year. When milled, this has a potential of producing 4.2 million tonnes of rice bran which can be processed to produce 8.4 lac of edible oil. Against this the production of oil in the country as today is 4000 tonnes. This reveals vast scope and gap that exists today for extracting the edible oil from rice bran in the country.

It may be observed that high grade edible oil can be produced from huge quantity of rice bran. Presently rice bran oil is being utilised in soap industry only. If, the new technology by setting-up plant is adopted, the huge amount of foreign exchange can be saved.

The Government of India is laying special stress for exploring the possibility of converting rice bran oil available in the country to the edible grade and thereby refining the same for consumption of masses. Our import exchequer for the edible oil is increasing from year to year and this has necessitated important step to be taken-up by industry as well Central Government for taking care of this aspect.

There are about 14000 rice shellers in the country and 27000 tonnes of rice bran is available in Punjab State. If we take 50% for extraction 21600 MT of rice bran oil will be produced and further can be converted into edible grade by latest technology being adopted here.

| (Rs in thousand) | | | | | | | | | | | | |
|-------------------|----------|-------|---------------------------|----------|-------|-----------------------------|----------|-------|---------------------------|----------|-------|-------|
| Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates 1982-1983 | | | Budget Estimates, 1983-84 | | | |
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | |
| Dairy Development | 3,94 | — | 3,94 | 47,00 | — | 47,00 | 47,00 | — | 47,00 | 20,00 | — | 20,00 |

C.N.-7.1 Share Capital Contribution to the Primary Cooperative Milk Societies, Unions and Milk Federation,

The Perspective Plan which is under implementation in the Punjab State through the Milkfed there are no provisions for the working capital needed by Milkfed and the Member Unions and for other purposes such purchase of land for new plants, and installation of independent power Feeder and water arrangements in the existing or new Plants. Under an agreement by the State Government with the

Indian Dairy Corporation, the State Government had assured that these arrangements will be facilitated to the Federation for the execution of the perspective Plan. In view of the requirements, the priorities for the utilisation of the proposed outlay of Rs. 20 lacs is scheduled as under :—

| | |
|--|----------------|
| 1. Purchase of land for Cattle Feed Plant Bathinda | .. Rs. 4 lacs. |
| 2. Purchase of land for proposed Milk Plant at Ferozepur | .. Rs. 8 lacs. |
| 3. Purchase of land for the proposed Milk Plant at Faridkot | .. Rs. 4 lacs. |
| 4. Purchase of land needed in connection with the expansion of Milk Plant, Jalandhar | .. Rs. 4 lacs |
| Total | .. Rs. 20 lacs |

The above 4 Unions will be given the funds earmarked in each case by way of share capital to meet their requirements for the purchase of land. The contribution by the Government towards the share capital will help the Unions directly to meet their Financial requirements for purchase of land, but will also indirectly enable them to raise their credit limits to obtain institutional credit to meet their requirements.

(Rs in thousands)

| Accounts 1981-82 | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | | | |
|-------------------------------------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|---------|---------|---|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | | | |
| Co-operatives Sugar Factories | 1.00 | — | 1.00 | 95.05 | — | 95.05 | 1,66.05 | — | 1,66.05 | 1,86.25 | — | 1,86.25 |

C.N.-8.1 Share Capital Contribution for expansion and installation of New Cooperative Sugar & Mills for the year 1983-84.

C.S.-8 Assistance for expansion and installation of New Cooperative Sugar Mills.

This is a continued Plan scheme. During the Plan year 1982-83 under the schemes C.N-8.1 and C.N. 8.2 and C.S.-7(b) a sum of Rs. 50.00 lacs, Rs. 1.00 and Rs. 44.05 has been provided respectively.

Applications for grant of letter of intent for the installation of new Cooperative Sugar Mills Doraha, District Ludhiana, Ajnala, District Amritsar, Sheron, Tehsil Tarn Taran, District Amritsar, Budhlada, District Bathinda and Nakodar, District Jalandhar are pending consideration with the Government of India.

The case of the Budhlada Sugar Mills for which the Government of India have already issued Licence to the Punjab Khand Udyog Ltd., Chandigarh (PSIDC) is being considered for diversion of the letter of intent from public sector to Cooperative Sector because of the fact that the PSIDC has declined to establish new Sugar Mills in Public Sector.

For a new Cooperative Sugar Mills financial requirements are tentatively of the order of Rs 870.00 lacs.

Major items of the project shall be Land & site development, Building and Civil work, Plant and machinery, Misc., Fixed Assets, other expenses to be capitalized during construction period Pre-operating expenses, Machinery Stores & Spares, Cane Development expenses, Start up expenses, provision for contingencies and Margin Money for Working Capital.

During the plan year 1983-84, requirement of financial assistance for one Mills will be Rs. 191.00 against which a sum of Rs. 112.50 lakhs is proposed under Scheme No. CN-8.1 and a sum of Rs. 73.75 lakhs is proposed under Scheme No. C.S.S. 8. The remaining amount of Rs. 4.75 lakhs will be provided under scheme No. CN-8.1 through additional requirements during 1983-84.

It is proposed to make financial provision of Rs.112.50 lakhs in the State Government. Budget under Plan scheme CN-8M1 and Rs.73.75 lakhs under the centrally sponsored scheme C.S.S. 8 and likewise provisions have been proposed to be made for the Plan year 1983-84.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|-------|---------------------------|----------|---------|---------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Industrial Co-operatives | 23.36 | .. | 23.36 | 2,37.00 | .. | 2,37.00 | 1,39.64 | .. | 1,39.64 | 1,51.50 | .. | 1,51,50 |

In order to boost the production of Industrial goods in the Co-operative Sector following amount in the shape of subsidy share capitl and loan have been provided to Cooperatives during 1983-84.

| | | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---------------|-----------------------------|-------------------|---------------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs | Rs |
| Subsidy | .. 298--Co-operation | 9.36 | 26.00 | 8.59 | 50 |
| | | | | 91.90 | 15.80 |
| Share Capital | .. 498--Share Capital | 14.00 | 2,10.50 | 39.15 | 52.20 |
| Loan | 698--Loans for Co-operation | .. | 50 | .. | 72.00 |
| | Total | 23.36 | 2,37.00 | 1,39.64 | 1,51.50 |

Industrial Cooperatives have been playing a vital roll for the development of small scale Industries registered under the Cooperative Societies Act Punjab State handloom Weavers Apex Cooperative Society has drawn up very encouraging programme to provide services to the weavers in the State for the supply of raw material technique for production and Marketing facilities to sell their furnished goods. Apart from this assistance has also been provided in the budget for 1983-84 to the shoe makers and Soap making Scheduled Castes Cooperatives. Following Schemes have been prepared to benefit these Cooperatives.

C.N.—9.1.—Participation in the share capital of Industrial Cooperatives including Federation/Unions.

It is a continued scheme. The scheme was firstly included in the plan programme for the year 1967-68 with the object of building up the federal structure of the Industrial Cooperatives. Share participation by the Government is considered to be the most suitable type of financial assistance that can be given to Industrial Co-operatives because on the hand it provides the much needed funds to the societies for improving their business and on the other hand it raises the borrowing capacity of the societies.

A sum of Rs. 25.00 lakhs has been kept for the 6th Five Year Plan 1980-85, out of which an outlay of Rs. 5.00 lakhs has been provided during the year 1983-84 to assist 20 societies by way of contribution towards share capital.

C.N.—9.2. Participation in the share capital of Apex Handloom and Primary Handloom weavers Cooperative Societies.

The Punjab State Handloom Weavers Apex Cooperative Society Ltd., is a State Level Apex body for the promotion of handloom weavers cooperatives in the State. Its important actions are to provide raw material, i.e. yarn, dyes and chemicals to the handloom weavers societies at comparatively cheap rates as well as to assist these societies in the marketing of their finished goods at remunerative price. The weavers societies which consist of economically weaker artisans are located in the far flung rural areas are not in a position profitably arrange for procurement of raw material and debting of their finished products.

The sales are promoted by setting up of sales depots bigger markets of the state by the Apex society. The Apex Society also procures supply orders from various Government offices, local bodies, Public and private undertakings and get the goods manufactured from the Handloom Weavers Societies according to the specifications and execute supply orders. The Apex society also provide technical guidance in making modern designs to enable the Apex Society effectively discharge its functions. The Government contribute towards the share capital of the Apex Society. The Government share participation in share also be made under this scheme in the equity of the Primary Handloom Weavers Cooperative Societies. The State Government contribute in share capital shall be on matching basis with Government of India. This scheme shall take care of last year schemes No. CN-9.6, 9. 8 CSS-9(i) and (ii).

C. N.—9.3. Managerial subsidy to Industrial Cooperatives including Handloom and Primary Handloom Weavers Cooperative Societies.

CS—10. Managerial subsidy to Handloom Apex/Primary Societies.

This is a continued scheme. The Central Government as well as State Government are attaching more and more importance to the development of handloom societies consisting of illiterate handloom weavers who requires employee for maintaining their accounts and to give technical guidance. It is not possible for such societies to bear the expenses of the staff with a meagre income. It is executed that the society would require Rs. 5,400 per year for this purpose. The subsidy is on tapering basis for three years i.e. 5,400 for first year, Rs. 3,600 for second year Rs. 1,800 and for third year. Rs. 1.50 lakhs have been kept for the year 1983-84.

C.N.—9.4. Subsidy to Central Cooperative Banks for advancing loans to Industrial Cooperatives including Handloom Weavers Cooperatives Societies at Concessional rate of interest during 1983-84 (Plan).

It is a continued scheme. The Industrial Cooperative including handloom weavers cooperative societies consisting of poor artisans who cannot afford to borrow loans from Central Cooperative Banks at their normal lending rate of interest which varies 10% to 12%. It is proposed to sanction subsidy to the societies under the scheme to compensate between 2½% rate of interest and the normal lending rate of interest of the banks to the societies other than scheduled castes. The societies comprising of scheduled caste members are eligible for 100% subsidy to provide them free of interest loan Rs. 0.50 lakhs have been provided under this scheme during the year 1983-84. The scheme is being implemented from the year 1967-68. An outlay of Rs. 10 lakhs has been proposed for the Sixth Five Year Plan 1980-85.

C.N.—9.5. Subsidy to Punjab State Apex Handloom Cooperatives/Societies for rebate on cloth sale/managerial expenses.

C.S.—13 Assistance to Handloom Apex/Primary Societies as Sales subsidy rebate.

This is a continued scheme. Under the scheme financial assistance is provided to the Punjab State Weavers Apex Cooperative Society in the shape of rebate on sale of products of the Handloom Cooperatives for arranging special sales for 30 days in a year and participating in the exhibitions and expenses/fairs arranged from time to time by Government of India at various places. Generally 20% rebate on sale is provided which is shared equally by the State Government and the Government of India. There is a provision of Rs. 1.50 lakhs for the purpose in the State Budget under this scheme and there is a matching contribution of Rs. 3 lakhs under the Central Government Scheme CAS -13 for the purpose.

There is also a provision under this scheme for grant of managerial subsidy to the Punjab State Handloom Weavers Apex Co-operative Society for the appointment of managerial staff comprising of the following :—

- (1) General Manager.
- (2) Clerks

- (3) Field Officers
 (4) Procurement Officers
 (5) Technical Personnel

The subsidy to the extent of 100% of actual expenditure incurred by the Apex Body is provided for the purpose. It has no matching with the Central Government and is a independent scheme of the State. Rs. 1 lakh has been provided for this purpose in the scheme.

It will take care of last year scheme No. CN-9.7, 9.4 & CSS 12.

C.N.C.N.—9.7—Financial Assistance to Punjab State Apex Handloom Cooperative Society for setting up processing Units during the year 1983-84.

C.S.—15.. Assistance as loan and share capital for setting up processing units by Handloom Apex during the year 1983-84.

It is a continued scheme. The Punjab State Handloom Weavers Apex Cooperative Society is providing financial assistance under the scheme for setting up processing units to process the raw material required to its members to finish and process the finished goods of the member Handloom Weavers Cooperative Societies. By setting up processing units the Apex Handloom supply the processed raw material to the members handloom cooperatives at reasonable rates as well as arranges the sale of the finished goods in the market at the best available price. The Apex Handloom also intends to set up shoddy yarn plant for which it has a licence from the Textile Commissioner Handloom Government of India. The setting up of shoddy plant will enable the Apex Handloom to provide the shoddy yarn to the handloom cooperative which are engaged in the production of balanket and shawls etc. This assistance is provided by the State Government with the help of NCDC. 80% of the cost of the project is provided as loan by NCDC to the State Government. The State Government further finances the Apex Handloom up to 20% of the cost in the shape of share capital and 60% as loan. The remaining 15% cost as share capital has to be provided by the State Government. Out of its own funds and 5% is to be met by the beneficiaries.

A provision of Rs. 10 lakhs as State Government share for the purpose has been kept in scheme No. CN-9.7 and Rs. 88.30 lacs has been proposed under CSS 15 out of which Rs. 16.30 lakhs in the shape of share capital and Rs. 72 lakhs as loan.

The Scheme will benefit the entire State.

| | |
|------------------------|-----------------------------------|
| Income from the Scheme | .. Nil |
| State Government share | .. Rs. 10.00 lakhs share capital. |
| NCDC Share | .. Rs. 16.30 lakhs share capital. |
| NCDC Share | .. Rs. 72.00 lakhs loan |

C.N.—9. 8. Subsidy to Industrial Co-operatives for employing craft teachers.

It is a continued scheme since 1979-80. There is a large number of Industrial Cooperative Societies of women which are primarily prepared tailored garments embroidery and knitting, etc. The worker members of these societies are facing difficulty for want of adequate training and expertise. In order to encourage the Women Industrial Co-operative Societies, it has been considered necessary to engage craft teachers for imparting training to the members of such societies. An outlay of Rs. 4.25 lakhs has been proposed for the 6th Five Year Plan 1980-85 and a sum of Rs. 0.50 lakhs is provided during the year 1983-84 to assist 10 societies at the rate of Rs. 5000 each. The unit of teachers would be shifted to other societies year to year so that all the societies may get benefit of this training in due course of time.

(Rs. in thousand)

| | Accounts, 1982-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------|-------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Consumers Co-operatives | 24,65 | .. | 24,65 | 16,50 | .. | 16,50 | 11,15 | .. | 11,15 | 14,00 | .. | 14,00 |

C.N.—10.1 Contribution to share capital of Central Consumers Stores and State Cooperative Consumers Federation.

There are sixteen Central Cooperative Consumers Stores with their 131 branches Consumer Co-operatives are effectively serving as instruments of Consumer protection in the spare of Urban and rural distribution in consumers goods. The essential commodities of common use are supplied in Urban areas through the branches of the Central Cooperative Consumer Stores and the State Cooperative Consumers Federation being their apex body for the consumers Cooperative both in urban and rural areas has to procure the consumers articles such as pulses, controlled cloth, soaps, tea, salt, tyres, tubes, matches, etc. from sources or from distribution and has to maintain supply line for Central Cooperatives Consumers stores.

It is proposed to make contribution of Rs. 1.00 lac as share capital to five stores @ Rs. 0.20 lac each and Rs. 3.00 lakhs as share capital to the State Federation of Consumer Cooperative during the year 1983-84.

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates,, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------|-------------------|----------|-------|---------------------------|----------|-------|-----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Other Co-operatives | 30,00 | .. | 30,00 | 45,50 | .. | 45,50 | .. | .. | .. | 2,00 | .. | 2,00 |

C.N. 12.1—Share Capital Contribution to Cooperative Cold storages on Cold Stores Federation.

C.S.—9. Assistance as share capital for construction of cold storage.

As per project report 8 cold storages of 4,000 MT Capacity each are to be Mnstalled by the Punjab State Cooperative Supply and Marketing Federation (Markfed) during the Sixth Five Year Plan under NCDC-II World Bank Potato Storage-cum-Marketing Project. The scheme is under review with the State Government as such Rs. 1.00 lakhs under C. N.—12.1 and Rs. 1 lakh under C.S.—9 as token provision has been proposed as share capital and more funds would be sought on final decision by the Government. The Pattern of assistance would be as under :—

60 % of the total by NCDC through FSCB as loan.

20% of the total cost by the State Government from its own budget, as share capital.

15 % of the cost by the State as share capital which is re-imbursable from NCDC.

5% is to be contributed by the Markfed.

This will benefit the entire State. Income from the scheme—Nil

NCDC share : Rs. 1.00 lakh.

DAIRY DEVELOPMENT DEPARTMENT**I— Introduction**

The Milk Commissioner, Punjab is the overall incharge of the Dairy Development Department. He is assisted by one Assistant Milk Commissioner and other supporting staff. The Department is responsible for implementing the various schemes under Plan and Non-Plan Schemes aiming at increased Milk Production. In addition, it is responsible for the demarcation of Milk Sheds for various Milk Plants as well as the enforcement of regulatory measures for the purpose in the State under the Milk Movement Control Order and Ban Export of Milk and Milk Products Control Order.

The department is also responsible for the establishment of new milk chilling-cum-demonstration centres particularly in the Border, Sub-Montane, Bet and Backward areas of the State with a view to provide ready remuneration market to the Milk Producers for their marketable surplus milk all the year around. In addition, the Department also provides funds in the form of share capital to the Punjab Dairy Development Corporation to enable it to raise finance, loans from financial institutions for the establishment of Milk Plants, etc. Presently Punjab Dairy Development Corporation has set up a Milk Plant at S.A.S. Nagar (Mohali). Previously this department had also established four Milk Plants and their Milk Chilling Centres at Chandigarh, Amritsar, Ludhiana and Bhatinda.

The Dairy Development Department is also responsible to conduct socio-economic survey for the establishment of Milk Chilling Centres/Milk Plants and to watch the economic effect of the functioning of such institutions for the increased Milk Production on scientific lines. It also provides essential technical know-how and training to the farmers in the scientific production of milk right in the villages to enable them to adopt dairying as an industry/vocation/subsidiary occupation.

| | Accounts, 1981-82 | | | |
|--|----------------------|----------|-------|-------|
| | Plan | Non-Plan | Total | |
| | Rs | Rs | Rs | |
| A—Programme/Activity Classification | .. | .. | 4,49 | 4,49 |
| (a) Direction and Administration | .. | 27,65 | 23,41 | 51,06 |
| (b) Dairy Development | .. | .. | .. | .. |
| (c) Dairy Education | .. | 9 | .. | 9 |
| (d) Milk Supply Schemes | .. | 31,91 | .. | 31,91 |
| (e) Other Schemes | .. | 5,00 | .. | 5,00 |
| Total 'A' | .. | 64,65 | 27,90 | 92,55 |
| B—Objective-wise Classification— | | | | |
| 1. Salaries | .. | 1,93 | 26,59 | 28,52 |
| 2. Travel Expenses | .. | 21 | 1,05 | 1,26 |
| 3. Subsidy | .. | 11,57 | .. | 11,57 |
| 4. Tools and Plants | .. | 10,30 | .. | 10,30 |
| 5. Building | .. | 24,61 | .. | 24,61 |
| 6. Training | .. | 1,03 | 26 | 1,29 |
| 7. Share Capital for Dairy Development Corporation | .. | 5,00 | .. | 5,00 |
| 8. Debentures | .. | 10,00 | .. | 10,00 |
| Total 'B' | .. | 64,65 | 27,90 | 92,55 |
| C—Source of Financing Demand No 30— | | | | |
| Major Head—311—Dairy Development | .. | 14,74 | 27,90 | 42,64 |
| Major Head : 511—Capital Outlay on Dairy Development | .. | 25,30 | .. | 25,30 |
| Demand No. 40— | | | | |
| Major Head: 511—Capital Outlay on Dairy Development | .. | 24,61 | .. | 24,61 |
| Total 'C' | .. | 64,65 | 27,90 | 92,55 |

REQUIREMENTS

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|---------|----------------------------|----------|-------|---------------------------|----------|---------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 1,00 | 4,01 | 5,01 | .. | 4,20 | 4,20 | 1,00 | 4,70 | 5,70 |
| 38,00 | 22,97 | 60,97 | 34,53 | 24,92 | 59,45 | 47,99 | 26,69 | 74,68 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 50 | .. | 50 | 6 | .. | 6 | 1 | .. | 1 |
| 32,50 | .. | 32,50 | 30,01 | .. | 30,01 | 24,00 | .. | 24,00 |
| 5,00 | .. | 5,00 | 5,00 | .. | 5,00 | 7,00 | .. | 7,00 |
| 77,00 | 26,98 | 1,03,98 | 69,60 | 29,12 | 98,72 | 80,00 | 31,39 | 1,11,39 |
| 7,91 | 26,23 | 34,14 | 6,06 | 28,40 | 34,46 | 7,38 | 30,59 | 7 |
| 32 | 53 | 85 | 40 | 50 | 90 | 42 | 56 | |
| 13,41 | .. | 13,41 | 12,16 | .. | 12,16 | 18,64 | .. | 4 |
| 6,95 | .. | 6,95 | 6,95 | .. | 6,95 | .. | .. | .. |
| 29,55 | .. | 28,55 | 25,73 | .. | 25,73 | 31,19 | .. | 31,19 |
| 1,86 | 22 | 2,08 | 1,30 | 22 | 1,52 | 1,37 | .. | 1,61 |
| 6,00 | .. | 6,00 | 5,00 | .. | 5,00 | 6,00 | .. | 6,00 |
| 12,00 | .. | 12,00 | 12,00 | .. | 12,00 | 15,00 | .. | 15,00 |
| 77,00 | 26,98 | 1,03,98 | 69,60 | 29,12 | 98,72 | 80,00 | 31,39 | 1,11,39 |
| 23,50 | 26,98 | 50,48 | 19,92 | 29,12 | 49,04 | 27,81 | 31,39 | 59,20 |
| 24,95 | .. | 24,95 | 23,95 | .. | 23,95 | 21,00 | .. | 21,00 |
| 28,55 | .. | 28,55 | 25,73 | .. | 25,73 | 31,19 | .. | |
| 77,00 | 26,98 | 1,03,98 | 69,60 | 29,12 | 98,72 | 80,00 | 31,39 | 1,11,39 |

III—EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousand)

| — | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (a) Direction and Administration | .. | 4,49 | 4,49 | 1,00 | 4,01 | 5,01 | .. | 4,20 | 4,20 | 1,00 | 4,70 | 5,70 |

The Milk Commissioner, Punjab who is head of Department is assisted by supporting staff. He is responsible for the implementation of Policy decisions at the Government level regarding development of dairy industry in the State. He is also responsible for the formulation of five years Plan Schemes in addition to his functioning as controlling officer. Further he is responsible for the demarcation of Milk Shed areas of the various Milk Plants functioning in the State in Public, Co-operative and Private Sectors. Enforcement of regulatory measures, fixation of price of milk and its by-products order as per policy of the Government. Table below indicates the staff employed at the headquarters :—

TABLE I

| — | 1981-82 | 1982-83 | 1983-84 |
|--------------------------------|---------|---------|---------|
| Class-I— | | | |
| 1. Milk Commissioner | .. | 1 | 1 |
| 2. Assistant Milk Commissioner | .. | 1 | 1 |
| Class-II | .. | .. | .. |
| Class-III— | | | |
| 1. Superintendent, Grade-I | .. | 1 | 1 |
| 2. Superintendent, Grade-III | .. | 1 | 1 |
| 3. Assistants | .. | 8 | 8 |
| 4. Stenographers | .. | 2 | 2 |
| 5. Clerks | .. | 10 | 10 |
| 6. Drivers | .. | 1 | 1 |
| 7. Duplicators | .. | 1 | 1 |
| 8. Restorer | .. | 1 | 1 |
| Class-IV— | | | |
| 1. Peon | .. | 4 | 4 |
| 2. Sweeper-cum-Chowkidar | .. | 1 | 1 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (b) Dairy Development | 27,65 | 23,41 | 51,06 | 38,00 | 22,97 | 60,97 | 34,53 | 24,92 | 59,45 | 47,99 | 26,69 | 74,68 |

Under this programme the following activities are covered :—

1. DAIRY EXTENSION UNITS FOR THE INTENSIFICATION OF MILK PRODUCTION

During the year 1983-84 Government have sanctioned Rs. 30.49 lakhs for twelve Dairy Extension Units at Jullundur, Gurdaspur, Amritsar, Kotkapura, Hoshiarpur, Bhatinda, Morinda, Ludhiana, Nabha, Sangrur, Ferozpur and Kapurthala and three training units at Gurdaspur, Kotkapura and Ludhiana under Non-Plan Scheme and two Training Units at Jullundur and Sangrur under Plan Scheme. This Scheme leads to the introduction of commercialised milk production in the villages. It provides essential technical know-how and training right in the villages to the farmers in the scientific production of Milk with a view to adopting dairying as an industry/vocation. The activities under these units consist of intensive and repeated follow-up so that tempo of development achieved is continued/maintained.

It is most essential that the areas under operation of these units are developed on proper and scientific lines so that Milk Plants costing of crores of rupees on commissioning may be able to procure raw material to their rated capacity.

In order to induce the farmers to take the commercialised milk production, five training units are functioning in the State at Ludhiana, Kotkapura, Gurdaspur, Jullundur and Sangrur. Each training unit comprising one Assistant Dairy Development Officer, one Dairy Extension Assistant, one Clerk and a peon. In these training units two units are functioning under Plan Schemes.

Two types of training courses in dairying are operated under this scheme, one of them in five days and other for one month's duration. Free messing at the rate of Rs. 4/- per day is provided during the training course of five days. Farmers are paid a sum of Rs. 60/- per month for the training period which lasts for one month.

TABLE-II

| | 1981-82 | 1982-83 | 1983-84 |
|--|---------|---------|---------|
| 1. Number of Extension Units. | 12 | 12 | 12 |
| 2. Number of Training Units. | 5 | 5 | 5 |
| 3. Number of Farmers Training in five days training courses. | 2,600 | 2,788 | 2,600 |
| 4. Number of farmers trained in one month's training course. | 450 | 450 | 450 |

The following indicates the staff position :—

TABLE—III

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class-I | | | |
| Class-II | 15 | 17 | 17 |
| Class-III | 194 | 198 | 198 |
| Class-IV | 27 | 29 | 29 |

2. SELF EMPLOYMENT FOR THE INTRODUCTION OF COMMERCIALISED MILK PRODUCTION

Under this scheme unemployed educated youngmen/women belonging to the weaker sections of the society are selected for imparting training in testing of milk, handling of milk breeding, feeding and management of milch animals on scientific lines. The duration of course is 21 days. During the training period each candidate is paid Rs. 100/- as stipend. After completing training each candidate is provided loan for the purchase of five milch animals through the Scheduled, Financial Institution. On an average the rate of interest being charged by the banks for the purchase of milch animal is 10-11 per cent per annum. The amount of interest to the extent of five per cent is subsidized by the Government for three years.

Milch animals purchased by the loanees are got insured with the insurance company with a view to cover risk in case of death. The 2/3 amount of insurance is subsidised by the Government. In addition, each trainee is provided cattle feed subsidy at the rate of Rs. 240/- per animal up to five animals for a period of one year.

Table below shows the staff position under this scheme :—

TABLE-IV

| | 1981-82 | 1982-83 | 1983-84 |
|-------------------------------------|---------|---------|---------|
| 1. Asstt. Dairy Development Officer | 2 | 2 | 2 |
| 2. Dairy Extension Assistant | 2 | 2 | 2 |
| 3. Assistants | 2 | 2 | 2 |
| 4. Clerks | 2 | 2 | 2 |
| 5. Peons | 2 | 2 | 2 |
| 6. Sweeper-cum-Chowhkidars | 2 | 2 | 2 |
| 7. Projector Operators | 2 | 2 | 2 |

Table below shows the candidates trained :—

TABLE-V

| | 1981-82 | 1982-83 | 1983-84 |
|------------------------------------|---------------|---------------|-------------------|
| 1. Candidates trained during | 720 | 720 | 720 (proposed) |
| 2. Candidates procured loan during | 197 | 302 | 720 (proposed) |
| 3. Total Subsidy paid during | 3.50 lakhs | 3.41 lakhs | 3.64 lakhs |

**SCHEME FOR THE INTENSIFICATION OF MILK PRODUCTION PROVIDING
OF SUBSIDY FOR THE CONSTRUCTION OF MODEL CATTLE-
SHEDS TO SMALL AND MARGINAL FARMERS**

Under this scheme it has been stipulated that families belonging to weaker section of society who are educated and unemployed will be identified/selected for providing subsidy for the construction of Model Cattle-shed at the rate of Rs. 1,000/- per candidate to maintain at least five milch animals.

During the year 1982-83 a sum of Rs. 3.75 lakhs was sanctioned as subsidy to the eligible candidates and there is a provision of Rs. 4.00 lakhs for this purpose for the year 1983-84. This amount will be disbursed as subsidy for the construction of Model Cattle-shed to 400 beneficiaries during this year.

**SCHEME FOR PROVIDING SELF EMPLOYMENT TO WIDOWS BY
INTRODUCTION OF SCIENTIFIC/COMMERCIALISED MILK
PRODUCTION**

It is felt that rural women can play a better role in the development of dairy industry by adopting dairying as main/subsidiary vocation. By irony of fate the widows in the rural areas are not better off. As such, it is the responsibility of the State to provide employment by setting up a small unit of two milch animals. The department will train the widows in the know-how of dairying and arrange them loans for the purchase of milch animals from the financial institutions. This department will provide 15 per cent marginal money as subsidy to relieve the widow from the burden of loan and further provide full interest subsidy at the rate of 12 per cent. The department will also bear the charges of insurance premium of the animals with a view to cover the risk of death of animals. The amount of premium will be fully subsidised by the department for three years. In addition to these, department will also subsidise the full cost for the construction of cattle-shed.

During the year 1983-84, one hundred widows will be benefited under this Scheme for which a sum of Rs. 6.00 lakhs has been provided as subsidy. The scheme will be operated through out the State. This is a new Scheme.

**STRENGTHENING OF PUNJAB DAIRY DEVELOPMENT
CORPORATION**

The Punjab Dairy Development Corporation Ltd., came into existence with effect from 1st April, 1966 with the object of running of the Milk Plants on commercial basis. For that purpose the Government invested an amount of Rs. 5.00 lac as share capital. Existing milk plants of the Punjab Dairy Development Corporation required replacement of some machinery and also addition of some machinery in the interest of development of dairy industry in the State. The funds provided under this scheme will be placed at the disposal of Punjab Dairy Development Corporation for replacement and addition of new machinery.

The Table below indicates the year-wise amount invested in the Punjab Dairy Development Corporation for various works :—

TABLE-VI

| Year | Amount | Purpose for which amount given |
|---------|--------|---|
| | Lacks | |
| 1966-67 | 5.00 | For the establishment of Corporation. |
| 1975-76 | 30.00 | For establishment of Milk Plant, Mohali. |
| 1976-77 | 22.95 | For Canadian Hunger Foundation Programme and Milk Plant. |
| 1977-78 | 14.50 | For Canadian Hunger Foundation Programme. |
| 1978-79 | — | — |
| 1979-80 | 10.00 | For Milk Plant, Mohali. |
| 1980-81 | 12.00 | For making addition and replacement of machinery. |
| 1981-82 | 1.00 | For replacement of Machinery. |
| 1982-83 | 5.00 | For replacement of transport fleet. |
| 1983-84 | 6.00 | For installation of affluent treatment plant at Ludhiana. |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| C—Education and Training | 9 | .. | 9 | 50 | .. | 50 | 6 | .. | 6 | 1 | .. | 1 |

During the 5th Five-Year Plan a Milk Plant has been established at Sahibzada Ajit Singh Nagar (Mohali) by the Punjab Dairy Development Corporation Ltd., Chandigarh and two more Milk Plants are being established at Sangrur and Gurdaspur in the Co-operative Sector by "Milkfed" at present six Milk Plants are working at Chandigarh, Amritsar, Ludhiana, Bhatinda, Hoshiarpur and Jalandhar.

In order to meet the requirement of Dairy personnel it is essential that they may be got trained by the department at suitable Dairy Training institutions. The candidates are bound by agreement to serve the Punjab Government for a period of five years.

So far 118 candidates have been trained. Each of B.Sc. and Indian Dairy Diploma State stipendiaries is paid Rs. 200/- and Rs. 150/- respectively as stipend per month and in addition Rs. 500/- per annum are paid for the purchase of books, examination fees and to meet the cost of study tours. Due to some administrative circumstances this department could not depute the candidates for the Dairy Courses during the previous years 1978-79 to 1981-82. From the year 1981-82 the Government have dropped this scheme to continue in future as such no candidate has been deputed during the year 1982-83 and thus during the year 1983-84 no candidate will also be deputed. A sum of Rs. 1,000/- has been provided for the grant of stipend to one continuing B. Sc. (Dairying) candidate for the year 1983-84.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Milk Supply Scheme | 31,91 | .. | 31,91 | 32,50 | .. | 32,50 | 30,01 | .. | 30,01 | 24,00 | .. | 24,00 |

The purpose for the establishment of Milk Chilling-cum-Demonstration Centres is to provide ready remunerative market for the sale of surplus milk of the Milk Producers. This will also help them to adopt dairying as their main/subsidiary vocation.

The construction work of seven milk chilling centres will remain in progress during the year 1983-84. These Chilling Centres are Ghallu (Ferozepur), Jaurian Kalan (Gurdaspur), Punjawan (Amritsar) in the Border area, Changaliwala (Sangrur), Sardulgarh (Bhatinda) in backward area, Jhingri (Ropar) in sub-montane area, Lasara (Jalandhar) in Bet area. It is hoped that Milk Chilling Centres at Changaliwala (Sangrur), Sardulgarh (Bhatinda), Ghallu (Ferozepur) and Jhingri (Ropar) will be completed/commissioned during the year 1983-84 and work of remaining three centres will remain in progress for which a sum of Rs. 24.00 lac have been provided.

These centres are being constructed in the Boarder, Sub-montane, Bet and backward areas of the State so that people of these areas could be provided remunerative marketing facilities all the year round and requisite technical know-how, so that they may be able to adopt dairy as an industry/vocation. The construction work of Milk Plant, Gurdaspur has been taken in hand by the "Milkfed".

TABLE-VII

1983-84

| | | | |
|---|---|---|---|
| 1. Number of Milk Chilling Centres to be completed. | — | — | 4 |
| 2. Number of Chilling Centres under construction. | — | — | 7 |
| 3. Number of Chilling Centres for which land is being purchased | — | — | 1 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Other Schemes | 5,00 | .. | 5,00 | 5,00 | .. | 5,00 | 5,00 | .. | 5,00 | 7,00 | .. | 7,00 |

Under this programme there is a scheme for the supply of subsidized Milk to the weaker section of the society. Under this scheme families of low income group are eligible for low fat subsidized milk. During the each year from 1976-77 to 1982-83, a sum of Rs. 5.00 lac was placed at the disposal of the Punjab Dairy Development Corporation Ltd. for the supply of low fat subsidized milk to weaker section of society in Ludhiana District.

The following data will show the number of schools covered and students of various communities to whom the low fat subsidized milk has been supplied with this amount during the year 1982-83 in Ludhiana District.

TABLE-VIII

| Year | Number of schools covered | Scheduled Castes students | Backward Class students | Others Weaker section | Total |
|---------|---------------------------|---------------------------|-------------------------|-----------------------|--------|
| 1982-83 | 38 | 4,112 | 7,488 | — | 11,600 |

Establishment of Government Laboratory for testing of Milk Products.

The department envisage to set up the Govt. laboratory for testing of milk and milk products in order to have a check on the quality/standards of milk and milk products, cattle feed being manufactured at different agencies in the State, so that consumer's confidence in modern milk products is not eroded by adulterated/imitated Milk products. As such, it is proposed to establish an independent Govt. owned quality control laboratory for testing of Milk and Milk Products. During the year 1983-84 a sum of Rs. 2.00 lac have been provided for the purchase of land for setting up of this laboratory.

EDUCATION DEPARTMENT—DIRECTORATE OF COLLEGES, PUNJAB

Introductory :

Ever since its establishment in 1854, the Punjab Education Department is endeavouring to transform the ignorant, diffident and bewildered young youth and old masses into an intelligent, educated and wide awake nation through its educational institutions of various types. While some colleges are entirely owned by the Government, the others are run by privately-managed voluntary organisations and also by various universities who raise funds through voluntary collections/donations, by charging approved tuition fee and funds from the students and by receiving liberal grant-in-aid from the Education Department and the University Grants Commission. Brilliant students as well as those belonging to educationally backward classes and economically backward sections of society are encouraged to pursue their education through numerous schemes of scholarships and exemption from all types of tuition fees. Extra-curricular and sports activities are provided in all the colleges through schemes like National Cadet Corps, Nation Service Scheme. Tournaments are held at Inter College, University, Inter-university, State and National levels.

Administration :

Having become a separate part of the Education Department from the year 1976-77, the Directorate of College Education is under the overall administrative control of the Director of Public Instruction (Colleges), Punjab as independent Head of Department. The Director of Public Instruction (Colleges) is assisted by the Adviser in all matters of Education and a Joint Director in matters relating to general administration at the Headquarters and field level including establishment work in regard to all Gazetted officers. They are further assisted by one Deputy Director and four Assistant Directors in PES Class II and two Accounts Officers. The Deputy Director (Colleges Planning) deals with all matters relating to works/Planning and Education of colleges and libraries matters. The Assistant Director (Cadet Corps) looks after National Cadet Corps and the other four Assistant Directors look after the work relating to various types of scholarships at colleges/university level, grant-in-aid to Universities, private colleges, other institutions and private libraries, cultural activities and arranging Re-orientation courses both in respect of college and school wings and recovery of loan scholarships and the Youth Welfare activities. One Accounts Officer assists the Director in budget, advance, pensions and other allied accounts matters and the other Accounts Officer assists in P.A.C. and Estimate Committee and the checking work relating to the payment of grant-in-aid to the non-Government colleges and payment of of scholarships. A Youth Welfare Officer has been appointed a the headquarter to take care of the sports activities.

| Sources of Financing Demand No. 16 | | Accounts, 1981-82 | | |
|--|----|-------------------|------------------------|-----------------------|
| | | Plan | Non-Plan | Total |
| | | Rs. | Rs. | Rs. |
| 277—Education | .. | 83,23 | 16,24,45 2,30,87 CH | 17,07,68 2,30,87CH |
| 278—Arts and Culture | .. | 2,95 | 9,08 | 12,03 |
| Demand No. 23— | | | | |
| 288—Social Security and Welfare | .. | .. | 1,34,48 | 1,34,48 |
| Demand No. 40— | | | | |
| 277—Education Minor Works | .. | .. | 2,50 | 2,50 |
| 477—Education Minor Works | .. | 28,53 | .. | 28,53 |
| Demand No-41— | | | | |
| 677—Loans for Education, Art and Culture | .. | 1,01 | .. | 1,01 |
| Total 'C' | .. | 1,15,72 | 17,70,51 CH2,30,87 | 18,86,23 2,30,87CH |

| Programme/Activity/Classification | | Accounts, 1981-82 | | |
|---|----|-------------------|-----------------------|-----------------------|
| | | Plan | Non-Plan | Total |
| | | Rs | Rs | Rs |
| C—Special Education (d) Other Languages | .. | .. | 5,20 | 5,20 |
| E—University and other Higher Education (b) Assistance to University for non-technical education | .. | 34,84 | 5,79,74 2,30,80CH | 6,14,58 2,30,80CH |
| (C) Government Arts Colleges | .. | 37,08 | 3,90,15 7CH | 4,27,23 7CH |
| Professional Colleges | .. | .. | 25,29 | 25,29 |
| (d) Assistance to Non-Government Colleges | .. | .. | 4,83,19 | 4,83,19 |
| (f) Teachers Development Programme | .. | .. | .. | .. |
| (g) Scholarships | .. | 10,78 | 32,09 | 42,87 |
| (h) General | .. | .. | .. | .. |
| (a) Direction and Administration | .. | 53 | .. | 53 |
| G—Sports and Youth Welfare (b) Physical Education | .. | .. | 8,20 | 8,20 |
| (G) Youth Welfare Scheme | .. | .. | 99,94 | 99,94 |
| (e) Other Expenditure | .. | .. | 65 | 65 |
| Libraries of Education Department | .. | 2,95 | 9,08 | 12,03 |
| Scholarships and other facilities to students belonging to the Scheduled Castes/Tribes and Backward Classes | .. | .. | 1,34,48 | 1,34,48 |
| Loans | | | | |
| National Loan Scholarship | .. | 1,01 | .. | 1,01 |
| Major Works | .. | 28,53 | .. | 28,53 |
| Minor Works | .. | .. | 2,50 | 2,50 |
| Total | .. | 1,15,71 | 17,70,51 CH2,30,87 | 18,86,23 CH2,30,87 |

| Budget Estimates, 1982-83 | | | Revised Estimates, 1983-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-----------------------|-----------------------|----------------------------|------------------------|-----------------------|---------------------------|-----------------------|------------------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 67,62 | 16,74,47 2,26,90CH | 17,42,09 2,26,90CH | 62,48 | 19,46,71 2,26,90CH | 20,09,19 2,26,90CH | 87,49 | 21,32,37 2,40,07CH | 22,19,86 2,40,07,CH |
| 4,03 | 918 | 13,21 | 3,92 | 9,80 | 13,72 | 4,59 | 10,73 | 15,32 |
| .. | 1,09,50 | 1,09,50 | .. | 1,39,50 | 1,39,50 | .. | 1,34,50 | 1,34,50 |
| .. | 2,75 | 2,75 | .. | 2,50 | 2,50 | .. | 2,50 | 2,50 |
| 15,00 | .. | 15,00 | 15,00 | .. | 15,00 | 40,19 | .. | 40,19 |
| 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 |
| 89,65 | 17,95,90 CH2,26,90 | 18,85,55 2,26,90CH | 84,40 | 20,98,51 CH 22,6,90 | 21,82,91 2,26,90CH | 1,35,27 | 22,80,10 2,40,07CH | 24,15,37 2,40,07CH |

| Budget Estimates 1981-82 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-----------------------|----------------------|---------------------------|-----------------------|-----------------------|---------------------------|-----------------------|-----------------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| .. | 6,06 | 6,06 | .. | 6,57 | 6,57 | .. | 6,20 | 6,20 |
| 10,00 | 5,47,44 2,26,80CH | 5,57,44 2,26,80CH | 9,06 | 6,36,64 2,26,80CH | 6,45,70 2,26,80CH | 11,00 | 6,81,05 2,40,00CH | 6,92,05 2,40,00CH |
| 43,96 | 4,26,97 7CH | 4,70,93 7CH | 39,96 | 4,58,13 7CH | 4,98,09 7CH | 62,21 | 4,81,83 7CH | 5,44,04 7CH |
| .. | 28,87 2CH | 28,87 2CH | .. | 29,06 2CH | 29,06 2CH | .. | 28,52 | 28,52 |
| .. | 5,26,19 | 5,26,19 | .. | 6,52,78 | 6,52,78 | .. | 7,66,19 | 7,66,19 |
| .. | .. | .. | .. | .. | .. | 20 | .. | 20 |
| 12,66 | 33,11 | 45,77 | 12,66 | 32,25 | 44,91 | 13,08 | 33,11 | 46,19 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 1,00 | .. | 1,00 | 80 | .. | 80 | 1,00 | .. | 1,00 |
| .. | 8,97 1CH | 8,97 1CH | .. | 10,80 1CH | 10,80 1CH | .. | 10,80 | 10,80 |
| .. | 96,21 | 96,21 | .. | 1,19,83 | 1,19,83 | .. | 1,24,02 | 1,24,02 |
| .. | 65 | 65 | .. | 65 | 65 | .. | 65 | 65 |
| 4,03 | 9,18 | 13,21 | 3,92 | 9,80 | 13,72 | 4,59 | 10,73 | 15,32 |
| .. | 1,09,50 | 1,09,50 | .. | 1,39,50 | 1,39,50 | .. | 1,34,50 | 1,34,50 |
| 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 |
| 15,00 | .. | 15,00 | 15,00 | .. | 15,00 | 40,19 | .. | 40,19 |
| .. | 2,75 | 2,75 | .. | 2,50 | 2,50 | .. | 2,50 | 2,50 |
| 89,65 | 17,95,90 CH2,26,90 | 18,85,55 2,26,90 | 84,40 | 20,98,51 CH2,26,90 | 21,82,91 CH2,26,90 | 1,35,27 | 22,80,10 2,40,07CH | 24,15,37 2,40,07CH |

| B—Objectivewise | Accounts, 1981-82 | | |
|--|-------------------|-----------------------|-----------------------|
| | Plan | Non-Plan | Total |
| | Rs | Rs | Rs |
| 1. Salaries .. | 14,27 | 4,77,07 | 4,91,34 |
| 2. Wages .. | .. | 51 | 51 |
| 3. Travel Expenses .. | 58 | 6,34 | 6,92 |
| 4. Office Expenses .. | 1,18 | 12,50 7CH | 13,68 7CH |
| 5. Payment for professional and special services .. | 28 | 12 | 40 |
| 6. Rent, Rate and Taxes .. | 16 | 3,74 | 3,90 |
| 7. Grant-in-aid .. | 35,95 | 10,63,80 2,30,80CH | 10,99,75 2,30,80CH |
| 8. Scholarships/stipends .. | 10,78 | 1,66,65 | 1,77,43 |
| 9. Publications .. | 3,83 | 32 | 4,15 |
| 10. Material and supply including Dietary charges .. | .. | 10,87 | 10,87 |
| 11. Machinery and Equipment/Tools/Miscellaneous .. | .. | .. | .. |
| 12. Motor vehicles/maintenance .. | .. | 98 | 98 |
| 13. Material and supply .. | 12,67 | .. | 12,67 |
| 14. Other charges .. | 6,48 | 25,11 | 31,59 |
| 15. Loans .. | 1,01 | .. | 1,01 |
| 16. Major Works .. | 28,53 | .. | 28,53 |
| 17. Minor Works .. | .. | 2,50 | 2,50 |
| 18. Liveries .. | .. | .. | .. |
| 19. Medical Reimbursement .. | .. | .. | .. |
| Total .. | 1,15,72 | 17,70,51 | 18,86,23 |
| | | CH2,30,87 | 2,30,87CH |

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|---------------------------|-----------------------|-----------------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 29,54 | 5,11,61 | 5,41,15 | 23,47 | 5,58,35 | 5,81,82 | 42,87 | 5,83,72 | 6,26,59 |
| .. | 60 | 60 | .. | 58 | 58 | .. | 65 | 65 |
| 25 | 4,13 | 4,38 | 1,12 | 7,03 | 8,15 | 1,48 | 7,17 | 8,65 |
| 26 | 11,03 10CH | 11,29 10CH | 89 | 11,25 10CH | 12,14 10CH | 1,95 | 11,69 7CH | 13,64 7CH |
| 1,28 | 9 | 1,37 | 51 | 9 | 60 | 1,60 | 13 | 1,73 |
| 30 | 3,97 | 4,27 | 19 | 4,64 | 4,83 | 20 | 4,18 | 4,38 |
| 15,00 | 10,74,50 CH2,26,80 | 10,89,50 2,26,80CH | 12,06 | 12,90,37 2,26,80CH | 13,02,43 2,26,80CH | 12,00 | 14,48,19 2,40,00CH | 14,60,19 2,40,00CH |
| 12,66 | 1,42,69 | 1,55,35 | 12,66 | 1,71,83 | 1,84,49 | 13,08 | 1,67,69 | 1,80,77 |
| 1,85 | 34 | 2,19 | 2,93 | 24 | 3,17 | 3,39 | 34 | 3,73 |
| .. | 12,93 | 12,93 | .. | 12,32 | 12,32 | .. | 12,93 | 12,93 |
| .. | .. | .. | .. | .. | .. | 1,80 | .. | 1,80 |
| .. | 1,25 | 1,25 | .. | 1,25 | 1,25 | .. | 1,30 | 1,30 |
| 3,81 | .. | 3,81 | 3,83 | .. | 3,83 | 4,12 | .. | 4,12 |
| 6,70 | 20,51 | 27,21 | 8,23 | 30,98 | 39,21 | 8,74 | 32,13 | 40,87 |
| 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 |
| 15,00 | .. | 15,00 | 15,00 | .. | 15,00 | 40,19 | .. | 40,19 |
| .. | 2,75 | 2,75 | .. | 2,50 | 2,50 | .. | 2,50 | 2,50 |
| .. | 28 | 28 | .. | 1,38 | 1,38 | .. | 51 | 51 |
| .. | 9,22 | 9,22 | 51 | 5,70 | 6,21 | 85 | 6,97 | 7,82 |
| 89,65 | 17,95,90 | 18,85,55 | 84,40 | 20,98,51 | 21,82,91 | 1,35,27 | 22,80,10 | 24,15,37 |
| .. | 2,26,90CH | 2,26,90CH | .. | 2,26,90CH | 2,26,90CH | .. | 2,40,07CH | 2,40,07CH |

The programme under the sub-major head "E—University and other Higher Education comprises of running of Government Colleges, Grant-in-aid to Universities and privately managed colleges and scholarships to students for higher education. The activities under the various Non-Plan and Plan schemes are briefly detailed below :—

NON-PLAN SCHEME

Government Colleges :

At present there are 36 Government Arts Colleges and Professional Colleges in the State in addition to privately managed non-Government colleges. The provision under this head is meant for payment of salaries to personnel working in Government Arts and Professional Colleges and minor miscellaneous expenditure required for the smooth running of these colleges.

The number of personnel working in Government Arts and Professional Colleges is as under —

TABLE—I

| Category | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| Gazetted (Principals, Sr. Lecturers/Lecturers/ Librarians | 1,794 | 1,794 | 1,859 |
| Class III (Junior Lecture Assistant, Clerks, Laboratory Assistants) | 6,15 | 6,15 | 6,15 |
| Class IV (Peons, Chowkidars Sweepers and Laboratory Attendants) | 9,11 | 9,11 | 9,11 |
| Total | 3,320 | 3,320 | 3,385 |

GRANT-IN-AID TO UNIVERSITIES AND PRIVATE COLLEGES

Under this minor head the following grants are given to the University

(Rs. in thousand)

| Item | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--|----------------------|---------------------------------|----------------------------------|---------------------------------|
| (a) Universities— | | | | |
| (i) Panjab University, Chandigarh | 2,30,80 CH 75V | 2,26,80 CH | 2,26,80 CH 75V | 2,40 |
| (ii) Guru Nanak Dev University, Amritsar | 2,24,79 | 2,00,00 | 2,49,60 | 2,56,00 |
| (iii) Punjabi University, Patiala | 3,54,20 | 3,47,00 | 3,85,85 | 4,25,00 |
| (iv) Allahabad Univdrstity for teaching of Punjabi languages | .. | 5 | 5 | 5 |
| (v) Banaras Hindu University | .. | 39 | 39 | .. |
| Total | CH | 2,30,80 | 2,26,80 | 2,40,00 |
| | | 5,79,74 | 5,47,44 | 6,81,05 |
| (b) Assistance to Non-Government Colleges— | | | | |
| (i) Payment of interest on endowment funds treated by Ex-rulers of princely states | 1,19 | 1,19 | 4,00 | 1,19 |
| (ii) Grant-in-aid | 4,82,00 | 5,25,00 | 6,43,78 | 7,65,00 |
| (iii) Special grant to Khalsa College, Amritsar | .. | .. | 5,00 | .. |
| Total (b) | | 4,83,19 | 5,26,19 | 7,66,19 |

SCHOLARSHIP

The following type of scholarships are awarded under various Non-Plan Schemes for University and other Higher Education. (Rs. in thousand)

| Item | Actual 1981-82 | Budget Estimates 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|-------------------|--------------------------------|----------------------------------|---------------------------------|
| Scholarships— | | | | |
| 1. Stipends to students of Arts and Science College, Jagraon | .. .. | 96 | 10 | 96 |
| 2. Scholarships—General | .. .. | 27,13 | 27,13 | 27,13 |
| 3. Financial Assistance to the children of Military Personnel | .. 32,09 | 12 | 12 | 12 |
| 4. Scholarships for the children of school teachers | .. .. | 30 | 30 | 30 |
| 5. National scholarships | .. .. | 4,60 | 4,60 | 4,60 |
| Total | .. 32,09 | 33,11 | 32,25 | 33,11 |

The programme under this minor head of training of D.P.Es. and P.T.I.s including scholarships to trainees in these courses.

NON-PLAN

(a) **Physical Education** : Under this programme, training is imparted in degree and certificate courses of Physical Education at Government Physical Training College, Patiala. There is a recurring provision of Rs. 10,80 lakhs during 1983-84 for this college including a provision of 8 thousands for the award of scholarships to deserving and promising sportsmen studying in this college. The number of personnel working in this college is as under :—

TABLE—IV

| Category | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Gazetted | .. 27 | 27 | 27 |
| Class III | .. 13 | 13 | 13 |
| Class IV | .. 18 | 18 | 18 |

(b) **Youth Welfare** : The N.C.C. training was started in this State in 1948 with a view to imparting military training to students to stimulate interest in the defence of the country. The Punjab State has consistently displayed the interest in this organisation out of all proportions to its population because it is a Border State. Not only has N.C.C. training helped in the rapid expansion of the Armed Forces at a critical juncture but it has also shown that our young men and women can undertake responsibility and discharge any duty entrusted to them. The main aims of NCC are :—

1. To develop character, comradeship, the idea of service and capacity for leadership in youngmen.
2. To provide service training to youngmen and women so as to stimulate interest in the defence of the country.
3. To build up reserve in man-power to enable the Armed Forces to expand rapidly in a National Emergency.

G—SPORTS AND YOUTH WELFARE

(Rs. in thousand)

| Classification | Actuals, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|------------------|----------|-------|---------------------------|-------------|-------------|----------------------------|---------------|--------------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (b) Physical Education— | | | | | | | | | | | | |
| (1) Physical Education College | .. | 8,20 | 8,20 | .. | 8,97 | 8,97 | .. | 10,80 | 10,80 | .. | 10,80 | 10,80 |
| (2) Scholarships to trainees to Physical Education | .. | | | .. | | | .. | | | .. | | |
| (3) Starting of Certificate Course in Physical Education | .. | .. | .. | .. | 1 CH | 1 CH | .. | 1 CH | 1 CH | .. | | .. |
| Total | .. | 8,20 | 8,20 | .. | 8,97 1CH | 8,97 1CH | .. | 10,80 (1CH | 10,80 1CH | .. | 10,80 | 10,80 |
| (d) Youth Welfare Scheme— | | | | | | | | | | | | |
| (i) NCC General establishment and Annual Training Camps, N.C.C. | 99,94 | | 99,84 | .. | 96,21 | 96,21 | .. | 1,19,83 | 1,19,83 | .. | 1,24,02 | 1,24,02 |

N.C.C. UNITS IN THE STATE

| Serial No. | Type of Unit | Member | No. of senior division cadets | No. of junior division cadets |
|------------|-----------------------|--------|-------------------------------|-------------------------------|
| 1 | Group Headquarters | 4 | 5 | .. |
| 2 | Battalion (Boys) | 14 | 12,640 | 22,850 |
| 3 | Battalion (Girls) | 5 | 4,160 | 2,300 |
| 4 | Air Squadron | 4 | 800 | 2,900 |
| 5 | Naval Units | 2 | 400 | 1,200 |
| 6 | Sainik School Coy | 1 | .. | .. |
| 7 | Technical Units | 1 | .. | .. |
| 8 | Independent Coy | 3 | .. | .. |
| | Grand Total of Cadets | 34 | 18,005 | 29,250 |

(Rupees in thousand)

| Classification | Actuals, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Total | Non-Plan | Total |
| Library—278 Art and Culture | | | | | | | | | | | | |
| (a) Libraries run by the Government | 2,95 | 9,08 | 12,03 | 4,03 | 9,18 | 13,21 | 3,92 | 9,80 | 13,72 | 4,59 | 10,73 | 15,32 |
| (b) Assistance to Non-Government Libraries | | | | | | | | | | | | |
| Total Libraries | 2,95 | 90,8 | 12,03 | 4,03 | 9,18 | 13,21 | 3,92 | 9,80 | 13,72 | 4,59 | 10,73 | 15,32 |

The object of setting up of Libraries in the State is to provide to General Public students and research scholars books of general knowledge and other objects as also informative periodicals and journals. There are at present eleven libraries. The number of personnel working in these libraries is given below :—

TABLE V

| Category | 1981-82 | 1982-83 | 1983-84 |
|--|---------|---------|---------|
| (1) Gazetted, Librarian, Central Public Library, Patiala | 1 | 1 | 1 |
| (2) Class II Junior Librarian and Clerks) | 133 | 133 | 133 |
| (3) Class IV (Peons, Chowkidars and Library Attendants(—)) | 30 | 30 | 30 |
| Total | 164 | 164 | 164 |

(Rs. in thousand)

| | Actuals, 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|--|------------------|----------|---------|--------------------------|----------|---------|----------------------------|----------|---------|--------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Scholarships— | | | | | | | | | | | | |
| (i) Scheduled Castes/Tribes students for post-matric studies | .. | 118.50 | 118.50 | .. | 93.50 | 93.50 | .. | 123.50 | 123.50 | .. | 118.50 | 118.50 |
| (ii) Scholarships to Scheduled Castes Students studying in evening classes | .. | 98 | 98 | .. | 1.00 | 1.00 | .. | 1.00 | 1.00 | .. | 1.00 | 1.00 |
| (iii) Scholarships to poor deserving students | .. | 15.00 | 15.00 | .. | 15.00 | 15.00 | .. | 15.00 | 15.00 | .. | 15.00 | 15.00 |
| Total : 288— Social Security and Welfare | | 1,34,48 | 1,34,48 | .. | 1,09,50 | 1,09,50 | .. | 1,39,50 | 1,39,50 | .. | 1,34,50 | 1,34,50 |

EDUCATION DEPARTMENT

Secondary Education

I—INTRODUCTION

Education Department was established in 1854, since then the Department is endeavouring to transfer the ignorant and be wildered youth and old masses into an intelligent, educated and wide awake nation through its various types of educational institutions, both owned by the Government and run by privately managed voluntary organisations.

The Department give liberal grant to all the privately-managed recognised educational institutions. It is not only the young whose educational needs are looked after by the Department, but adults are also being educated through Adult Education Centres run by the Department. Brilliant students as well as those belonging to educationally backward classes and economically weaker sections of society are encouraged to pursue their education through numerous schemes of scholarships by exemption from all types of fees and supply of free text-books. Extra curricular and sports activities are provided in all educational institutions through schemes like National Fitness Corps., Sports Centres and Wings attached to selected institutions and by organising tournaments at National State, Divisional and District Level.

In order to acquaint the students about suitable job opportunities and adjust the courses of study according to their ability and aptitude a full, fledged Educational and Vocational Guidance Unit was set up in 1967 at Chandigarh. In addition the Department has decided to make education job oriented through the scheme of vocationalization of education in Departments of High Schools and Higher Secondary Schools.

Administration at Directorate of Schools (Secondary)

The Directorate of Secondary Education is headed by an educationist viz. Director of Public Instructions, Punjab. An Additional Director Youth Welfare deals with all matters relating to physical and sports activities at various levels. The Head of the Department is assisted by the six Deputy Directors in P.E.S.I. viz. Deputy Director(s) Administration, Deputy Director (Secondary Education), Deputy Director (Vocationalisation) Deputy Directors (Books), Deputy Director (Evaluation) Officer in charge (Technology Cell). The six Deputy Director are further assisted by four Assistant Directors and two Officers on Special Duty in P.E.S. Class II. The Administrative Officer and Registrar, Education Department look after the administration work of the Directorate as well as gazetted establishment of the field. The later have been delegated the duties of Head of Office and Drawing and Disbursing Officer. In addition, there is one post of Accounts Officer at the Directorate.

The Dy. Director (School Admn.) has the administrative control of the schools in the State the Dy. Director (Sec. Education) looks after the academic matters including school improvement programme. The Dy. Director (Vocationalisation) is responsible for implementing the scheme of vocationalisation of education in Middle, High and Higher Secondary Schools in the State, the Dy. Director (Books) is responsible for sanctioning grant-in-aid to denominational institutions in the State, besides approval of books for school libraries. The Dy. Director (Evaluation) deals with matters relating to education examination reforms whereas the O.S.D. (Evaluation Cell) deals with the schools broadcasting programme relayed by the All India Radio.

The Accounts Officer deals with the work relating to Budget, Loans and Advances, Pension and other Accounts Matters.

Achievements :

The Sixth Five Year Plan initially commenced from 1st April, 1979 but subsequently according to policy of the New Government at the Centre, the sixth Five Year Plan was recast and it was given effect from 1st April, 1980. Of Course, programme started during 1979-80 have been indicated in the 6th Five-Year Plan (1980—85). The major achievements during the year 1979-80, 1980-81 and 1981-82, 1982-83 and likely achievements during the 1983-84 are as follows :—

1. Enrolment :

(i) The enrolment in the group 11—14 was 6.68 lacs at the end of the Fifth-Five Year Plan which is likely to increase to 8.70 lacs by the end of the year 1983-84.

| Serial No. | Category | No. of posts |
|------------|-------------------------------|--------------|
| 28 | Classical Vernacular Teachers | 624 |
| 29 | Drivers | 7 |
| 30 | Tabla Players | 10 |
| 31 | Laboratory Attendants | 300 |
| 32 | Workshop Attendants | 200 |
| 33 | Class IV/Beldars/Game Boys | 1,171 |
| 34 | Masters/Mistresses | 2,770 |
| 35 | DPIs. | 608 |
| 36 | Domestic Science Teachers | 10 |
| 37 | Script Writer | 1 |
| 38 | Artist | 1 |
| 39 | Steno-typists | 15 |
| 40 | Machine Man | 1 |
| 41 | Daftri | 1 |
| 42 | Projectionist | 1 |

A. PROGRAMME/ACTIVITIES/CLASSIFICATION

| | Accounts, 1981-82 | | |
|--|-------------------|----------|----------|
| | Plan | Non-Plan | Total |
| A. Programme/Activities | | | |
| B—Secondary— | | | |
| (a) Direction and Administration | .. 9,45 | 1,06,72 | 1,16,17 |
| (c) Government Secondary Schools | .. 5,55,71 | 51,85,45 | 57,41,16 |
| (d) Assistance to Non-Government Secondary Schools | .. .. | 8,46,81 | 8,46,81 |
| (e) Assistance to Local Bodies | .. .. | 6 | 6 |
| (f) Scholarships | .. 4,89 | 28,27 | 33,16 |
| (i) Other Expenditure | .. 93 | 5,00 | 5,93 |
| (ii) Taking over of Privately Managed Schools | .. .. | 55,27 | 55,27 |
| C—Special Education— | | | |
| (a) Adult Education | .. .. | 71,01 | 71,01 |
| (c) Sanskrit Education | .. .. | 11 | 11 |
| G—Sports and Youth Welfare— | | | |
| (c) Sports and Youth Welfare—Taking over of NFC | .. 48,62 | .. | 48,62 |
| H—General— | | | |
| (a) Direction and Administration | .. 2,83 | 80,83 | 83,66 |
| (e) Other Expenditure | .. .. | 61,17 | 61,17 |
| Scholarships/Stipends and other facilities— | .. .. | 4,65,41 | 4,65,41 |
| Students of SC/DB | .. .. | .. | .. |
| Major Works | .. 33,52 | .. | 33,52 |
| Minor Works | .. .. | 6,25 | 6,25 |
| Total—A | .. 6,55,95 | 69,12,36 | 75,68,31 |

(Rs. in Thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 9,65 | Ch 3 1,08,87 | Ch 3 1,18,52 | 10,93 | Ch 3 1,25,37 | Ch 3 1,36,30 | 9,46 | Ch 3 1,18,65 | Ch 3 1,28,11 |
| 6,18,92 | Ch 8 51,63,17 | Ch 8 57,82,09 | 7,15,37 | Ch 8 59,23,38 | Ch 8 66,38,75 | 8,94,19 | Ch 8 61,93,86 | Ch 8 70,88,05 |
| .. | 8,30,00 | 8,30,00 | .. | 10,06,32 | 10,06,32 | .. | 9,90,00 | 9,90,00 |
| .. | 6 | 6 | .. | 6 | 6 | .. | 6 | 6 |
| 6,56 | 28,27 | 34,83 | 5,56 | 28,27 | 33,83 | 6,56 | 29,60 | 36,16 |
| 2,50 | 5,60 | 8,10 | 1,72 | 4,16 | 5,88 | 2,50 | 5,70 | 8,20 |
| .. | 17,86 | 17,86 | .. | 18,44 | 18,44 | .. | 19,00 | 19,00 |
| 8,40 | Ch 1 73,11 | Ch 1 81,51 | .. | Ch 1 80,47 | Ch 1 80,47 | 10,00 | Ch 1 83,34 | Ch 1 93,34 |
| .. | 11 | 11 | .. | 11 | 11 | .. | 11 | 11 |
| 51,60 | .. | 51,60 | 89,50 | .. | 89,50 | 63,51 | .. | 63,51 |
| 9,75 | Ch 10 80,53 | Ch 10 90,28 | 3,79 | Ch 10 99,50 | Ch 10 1,03,29 | 7,93 | Ch 10 94,38 | Ch 10 1,02,31 |
| .. | 4,32 | 4,32 | .. | 14,32 | 14,32 | .. | 2,85 | 2,85 |
| .. | 4,93,35 | 4,93,35 | .. | 4,93,35 | 4,93,35 | .. | 4,93,35 | 4,93,35 |
| 12,00 | .. | 12,00 | 41,42 | .. | 41,42 | 70,50 | .. | 70,50 |
| .. | 6,25 | 6,25 | .. | 6,25 | 6,25 | .. | 6,25 | 6,25 |
| 7,19,38 | Ch 22 68,11,50 | Ch 22 75,30,88 | 8,68,29 | Ch 22 78,00,00 | Ch 22 86,68,29 | 10,64,65 | Ch 22 80,37,15 | Ch 22 91,01,80 |

CLASSIFICATION

| | Accounts, 1981-82 | | |
|--|-------------------|-----------------|-----------------|
| | Plan | Non-Plan | Total |
| B—OBJECT WISE | | | |
| Salaries | 5,55,18 | 53,22,06 | 58,77,24 |
| Wages | 73 | 30,38 | 31,11 |
| Travel Expenses | 7,76 | 7,98 | 15,74 |
| Office Expenses | 2,31 | 70,47 | 72,78 |
| Payment of Professional and Special Services | 76 | 20,86 | 21,62 |
| Rent, Rates and Taxes | 11 | 7,47 | 7,58 |
| Grant-in-aid | .. | 9,04,82 | 9,04,82 |
| Scholarship and Stipend | 4,89 | 4,91,80 | 4,96,69 |
| Secret Services | .. | 10 | 10 |
| Publication | 2,62 | 71 | 3,33 |
| Material and Supply | 10,27 | 21,83 | 32,10 |
| Other Charges | 5,03 | 3,87 | 8,90 |
| Liveries | .. | 15,44 | 15,44 |
| Medical Charges | .. | .. | .. |
| Equipment and Machinery | 32,32 | 6,32 | 38,64 |
| Suspense | 45 | .. | 45 |
| Major Works | 33,52 | .. | 33,52 |
| Minor Works | .. | 6,25 | 6,25 |
| Total B | 6,55,95 | 69,10,36 | 75,66,31 |
| (C)—Sources of Financing— | | | |
| "277—Education"— | | | |
| Demand No. 16 | 6,22,43 | 64,40,70 | 70,63,13 |
| "288—Social Security"— | | | |
| Demand No. 21 | .. | 4,65,41 | 4,65,41 |
| "277—Education"— | | | |
| Demand No. 39 | .. | .. | .. |
| Minor Works | .. | 6,25 | 6,25 |
| "477—Education— | | | |
| Demand No. 40 | 33,52 | .. | 33,52 |
| Major Works | .. | .. | .. |
| Total—C | 6,55,95 | 69,12,36 | 75,68,31 |

(Rs in Thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 6,54,54 | 51,59,43 | 58,13,97 | 7,91,24 | 59,74,29 | 67,65,53 | 8,91,97 | 62,13,28 | 71,05,25 |
| 85 | 32,22 | 33,07 | 2,00 | 36,34 | 38,34 | 1,25 | 40,86 | 42,11 |
| 8,43 | 11,73 | 20,16 | 7,73 | 9,61 | 17,34 | 8,97 | 10,61 | 19,58 |
| 4,69 | Ch 22 63,63 | Ch 22 68,32 | 3,33 | Ch 22 71,60 | Ch 22 74,93 | 10,13 | Ch 22 73,43 | Ch 22 83,56 |
| 4,68 | 31,54 | 36,22 | 1,20 | 25,47 | 26,67 | 7,01 | 27,00 | 34,01 |
| 18 | 7,27 | 7,45 | 18 | 7,57 | 7,75 | 18 | 8,26 | 8,44 |
| .. | 8,31,15 | 8,31,15 | .. | 10,12,46 | 10,12,46 | .. | 9,91,15 | 9,91,15 |
| 6,56 | 5,21,75 | 5,28,31 | 5,56 | 5,21,75 | 5,27,31 | 6,56 | 5,23,11 | 5,29,67 |
| .. | 10 | 10 | .. | 10 | 10 | .. | 10 | 10 |
| 80 | 96 | 1,76 | 1,66 | 81 | 2,47 | 98 | 97 | 1,95 |
| 7,13 | 27,17 | 34,30 | 8,40 | 27,17 | 35,57 | 13,21 | 22,59 | 35,80 |
| 6,53 | 38 | 6,91 | 2,12 | 5,57 | 7,69 | 36,28 | 5,67 | 41,95 |
| .. | 17,34 | 17,34 | .. | 17,34 | 17,34 | .. | 18,57 | 18,57 |
| 9,79 | 94,26 | 1,04,05 | 67 | 78,05 | 78,72 | 3,81 | 88,98 | 92,79 |
| 20 | 6,32 | 6,52 | 2,78 | 5,62 | 8,40 | 12,80 | 6,32 | 19,12 |
| 300 | .. | 3,00 | .. | .. | .. | 1,00 | .. | 1,00 |
| 12,00 | .. | 12,00 | 41,42 | .. | 41,42 | 70,50 | .. | 70,50 |
| .. | 6,25 | 6,25 | .. | 6,25 | 6,25 | .. | 6,25 | 6,25 |
| 7,19,38 | 68,11,50 Ch 22 | 75,30,88 Ch 22 | 8,68,29 | 78,00,00 Ch 22 | 86,68,29 Ch 22 | 10,64,65 | 80,37,15 Ch 22 | 91,01,80 Ch 22 |
| 6,80,74 | 63,11,90 | 69,92,64 | 8,26,87 | 73,00,40 | 81,27,27 | 9,94,15 | 75,37,55 | 85,31,70 |
| .. | 4,93,35 | 4,93,35 | .. | 93,35 | 4,93,35 | .. | 4,93,35 | 4,93,35 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 6,25 | 6,25 | .. | 6,25 | 6,25 | .. | 6,25 | 6,25 |
| 38,64 | .. | 38,64 | 41,42 | .. | 41,42 | 70,50 | .. | 70,50 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 7,19,38 | 68,11,50 Ch 22 | 75,30,88 Ch 22 | 8,68,29 | 78,00,00 Ch 22 | 86,68,29 Ch 22 | 10,64,65 | 80,37,15 Ch 22 | 91,01,80 Ch 22 |

III—Explanation of

| Accounts, 1981-82 | | | | |
|---|----|---------|----------|----------|
| | | Plan | Non-Plan | Total |
| B—Secondary— | | | | |
| (a) Direction and Administration | .. | 9,45 | 1,06,72 | 1,16,17 |
| (c) Government Secondary Schools | .. | 5,55,71 | 51,85,45 | 57,41,16 |
| B—Assistance to Non-Government Secondary Schools | .. | .. | 8,46,81 | 8,46,81 |
| (e) Assistance to Local Bodies | .. | .. | 6 | 6 |
| (F)—Scholarships | .. | 4,89 | 28,27 | 33,16 |
| (i) Other expenditure | .. | 93 | 5,00 | 5,93 |
| (ii) Taking over of Privately Managed Schools | .. | .. | 55,27 | 55,27 |
| Total | .. | 5,70,98 | 62,27,58 | 67,98,56 |

Financial Requirement

(Rs. in Thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|
| Pan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 9,65 | Ch 3 1,08,87 | Ch 3 1,18,52 | 10,93 | Ch 3 1,25,37 | Ch 3 1,36,30 | 9,46 | Ch 3 1,18,65 | Ch 3 ,28,11 |
| 6,18,92 | Ch 8 51,63,17 | Ch 8 57,82,09 | 7,15,37 | Ch 8 59,23,38 | Ch 8 66,38,75 | 8,94,19 | Ch 8 61,93,86 | Ch 8 70,88,05 |
| .. | 8,30,00 | 8,30,00 | .. | 10,06,32 | 10,06,32 | .. | 9,90,00 | 9,90,00 |
| .. | 6 | 6 | .. | 6 | 6 | .. | 6 | 6 |
| 6,56 | 28,27 | 34,83 | 5,56 | 28,27 | 33,83 | 6,56 | 29,60 | 36,16 |
| 2,50 | 5,60 | 8,10 | 1,72 | 4,16 | 5,88 | 2,50 | 5,70 | 8,20 |
| .. | 17,86 | 17,86 | .. | 18,44 | 18,44 | .. | 19,00 | 19,00 |
| 6,37,63 | CH 11 61,53,83 | CH 11 67,91,46 | 7,33,58 | Ch 11 71,06,00 | Ch 11 78,39,58 | 9,12,71 | Ch 11 73,56,87 | Ch 11 82,69,58 |

The programme under this sub-major comprises of running of the Circle Education Officers, District Education Officer, State Guidance Bureau, Agriculture Consultant, State Science Unit Inservice Training Centres, Work Orientation in School, Sports Wings in Government Higher Secondary Schools, and Audio-Visual Library, expansion of education for children in the age 11—14 and 14—17, Vocationalisation of Education in Government Middle/High/Higher Secondary Schools. The Programme also envisages giving of grants to non-Government High/Higher Secondary Schools and Local Bodies, Scholarships are also awarded to deserving and brilliant poor students studying in Government Middle, High/Higher Secondary Schools and also in Sainik Schools. The Programme under the various Plan and Non-Plan Schemes is discussed below :—

Non-Plan

(a) *Direction and Administration.*—Under this programme there are twelve District Education Officers, 12 Deputy D.E.O (Pry.), two Circle Education Officers, Offices of State Guidance Bureau and Agriculture Consultant. The Funds provided are meant for the payment of salaries to the working in the aforesaid office and miscellaneous expenditure required for their maintenance. The increase between the Budget Estimates during 1982-83, and 1983-84 is due to grant of additional relief and annual increments and Number of Government employees working in the above offices is incorporated in the statement below :—

TABLE—II

| Gazetted | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Gazetted .. | 90 | 90 | 90 |
| Class III .. | 616 | 616 | 616 |
| Class IV .. | 168 | 168 | 168 |

C. Government Secondary Schools :

This minor head covers expenditure on running the following institutions and offices :—

- (1) 2,260 Government Middle Schools.
- (2) 1,607 Government High Schools.
- (3) 105 Government Higher Secondary Schools.
- (4) State Audio-visual Library at Chandigarh.
- (5) Work Orientation Schemes (AVM) Mahilpur.
- (6) Technical Education.
- (7) State Science Unit.
- (8) Agriculture Farmers.

The entire budget provision under the minor head is mainly utilised for the payment of salaries, wages of personnel working in the aforesaid institutions. All additional posts are created on Plan side. The increase exhibited in the budget estimates during 1982-83 and 1983-84 is due to grant of additional relief and annual increments. The number of personnel working in these institutions/offices/units is given below ;—

TABLE—III

| | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| Gazetted (Principals of Higher Secondary Schools) .. | 159 | 159 | 159 |
| Class III (Headmaster/Headmistresses, Teachers and Clerks) .. | 34,073 | 34,073 | 34,073 |
| Class IV (Peons, Chowkidars and Sweepers) .. | 6,431 | 6,431 | 6,431 |

(d) *Assistance to Non-Government Secondary Schools.*—Under this programme, grant-in-aid is given to the non-Government recognised High/Higher Secondary Schools functioning in the State. The provision is meant for payment of grant-in-aid to these schools under the Delhi pattern of Grant-in-aid. Under this scheme the teaching personnel in all the recognised schools as existed on 30th November, 1967 as paid the pay scales as are enjoyed by their counterpart in Government Schools, Government is paying these schools, 95 per cent of the deficit on this account. The number of such institution is 552 and about 10,000 employees are bene fitted. The increase in the budget estimates for 1982-83 and 1983-84 is due to the annual increments and additional relief sanctioned by the State Government from time and revision of scales.

(a) *Assistance to Local Bodies for Secondary Education.*—Local Bodies such as District Boards and Municipal Committee Schools were taken over in 1967. Only schools run by the Cantonment Board were left out. These are still under the management of Cantonment Boards. Grants for that maintenance are given in the pattern followed in the past.

(b) *Scholarships.*—The provision of Scholarships under different schemes is incorporated in the table given below :—

TABLE IV

(Rs. in thousands)

| Serial No. | Name of the Scheme | Budget Provision | | | No of beneficiaries | | |
|------------|--|------------------|---------|---------|---------------------|---------|---------|
| | | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1 | Award of Scholarships on the grant of 5th Class Examination under the scheme .. | 59 | 59 | 59 | 252 | 252 | 252 |
| 2 | Award of State Government Merit Scholarship in the result of Higher Secondary Part II Examination .. | 90 | 90 | 90 | 604 | 604 | 604 |
| 3 | Award of Scholarship on the result of 6th Class Examination under the Scheme creation of Local Bodies Middle Schools Scholarships .. | 102 | 102 | 102 | 600 | 600 | 600 |
| 4 | Award of State Government Merit Scholarship on the result of Higher Secondary Part I Examination .. | 8 | 8 | 8 | 2 | 2 | 2 |
| 5 | Award of Scholarship on the result of 5th Class Examination .. | 153 | 153 | 153 | 852 | 852 | 852 |
| 6 | Award of Scholarships to Poor Brilliant Students on the result of Middle Student Standard Examination .. | 57 | 57 | 57 | 165 | 165 | 165 |
| 7 | Punjab Government Scholarships to Punjabi students studying in Sanik Schools.. | 2,148 | 2,148 | 2,291 | 400 | 400 | 400 |
| 8 | Award of Scholarship to Rural Talented Children .. | 150 | 150 | 150 | 496 | 496 | 496 |
| 9 | Financial Assistance to the Children of Military Personel | 60 | 60 | 60 | 116 | 116 | 116 |

TABLE—III

Explanation of financial Requirements indicating the Programme under each activity with relevant physical date.

| | Actual, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-------------------------------------|--------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| B—Secondary— | | | | |
| (a) Direction and Administration .. | 945 | 905 | 1,093 | 946 |
| (b) Government Secondary Schools .. | 55,570 | 61,892 | 71,537 | 89,419 |
| (f) Scholarships .. | 469 | 656 | 556 | 656 |
| (i) Other Expenditure .. | 93 | 250 | 172 | 250 |

The programme under this sub-major head, under the various plan scheme comprising of upgrading of Government Primary Schools to Middle and Middle Schools to High Standard order to meet the Public demand for more educational facilities, creation/continuance of additional posts of masters/mistresses to cope with the additional enrolment in the age-group 11—14 diversification of courses in Government Middle/High/Higher Secondary Schools by introducing new subjects viz.—Domestic Science, Home Science, Music, etc. in order to make such courses production oriented, Vocationalisation of Education in Government Middle Schools, creation of additional posts of Science Masters/—istresses for Government Middle School providing of Science Kits to Government Middle Schools, providing of Library Books and racks to Government/High/Higher Secondary Schools, introduction of library Service in Government High Higher Secondary Schools starting and shorts wings in Government High Secondary Schools and creation of posts of D.P.Es. for Government High/Higher Secondary Schools with a view to promote the cause of sports and Physical Education in the State, creation of additional posts of Deputy District Education Officers and Clerical Staff in order to strengthen the field officers/conducting in-service courses for masters/mistresses, D.P.E., C. & V. teachers, award of scholarships for poor Brilliant students of Government High/Higher Secondary Schools, opening of Centre for part-time education classes for Age-group 11—14. The Table below indicates the strength of the staff sanctioned/likely to be sanctioned under various Plan Schemes.

TABLE—III

Physical

| | 1981-82 | 1982-83 | 1983-84 |
|--|---------|---------|---------|
| (a) Direction— | | | |
| Dy. D.E.O's. .. | 12 | 12 | 12 |
| Assistant Accounts Officers .. | 7 | 7 | 7 |
| Assistants .. | 19 | 19 | 19 |
| Clerks .. | 12 | 12 | 12 |
| Steno-typists .. | 12 | 12 | 12 |
| Class IV .. | 19 | 19 | 19 |
| (c) Government Secondary Schools— | | | |
| Coaches .. | 9 | 9 | 9 |
| Headmasters/Headmistresses .. | 290 | 383 | 408 |
| Masters/Mistresses .. | 2,330 | 2,570 | 2,770 |

| | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| Vocational Masters .. | 300 | 600 | 600 |
| C. & V., O. T. Teachers .. | 490 | 583 | 608 |
| Art & Craft Teachers .. | 260 | 524 | 624 |
| Teachers (J.B.T., Domestic Science & Voc.) .. | 130 | 242 | 212 |
| P.T.I's. .. | 10 | 10 | 10 |
| Librarians .. | 330 | 462 | 512 |
| Tabla Players .. | 100 | 100 | 100 |
| Clerks .. | 10 | 10 | 10 |
| Lab./Attendants .. | 290 | 383 | 408 |
| Workshop Attendants .. | 300 | 300 | 300 |
| Class IV/Games Boys/Beldars .. | 710 | 1,035 | 1,135 |
| Drivers .. | .. | 1 | 1 |
| Projectionist .. | .. | 1 | 1 |
| (c) Government Secondary Schools | | | |
| 1. Upgrading of Schools from Primary to Middle .. | 212 | 262 | 312 |
| 2. Upgrading of Schools from Middle to High .. | 356 | 383 | 408 |
| 3. Starting of Sport Wing .. | 3 | 3 | 3 |
| 4. Inservice Training— | | | |
| (a) Heads of Middle/High/Higher Secondary Schools | 318 | 700 | 700 |
| (b) Science Masters .. | 852 | 1,000 | 1,000 |
| (c) Masters other than Science Subject Masters .. | 782 | 1,100 | 1,100 |
| (d) D.P.Es./B.P.Es/P.T.Is .. | 386 | 600 | 600 |
| (e) Language Teachers .. | 674 | 1,000 | 1,000 |
| (f) Diploma Courses at R.I.E. .. | 39 | 50 | 50 |

(Rs. in Thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------|-------------------|----------|-------|---------------------------|---------------|---------------|----------------------------|---------------|---------------|---------------------------|---------------|---------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Special Education .. | .. | 71,01 | 71,01 | 8,40 | Ch 1 73,11 | Ch 1 81,51 | .. | Ch 1 80,47 | Ch 1 80,47 | 10,00 | Ch 1 83,34 | Ch 1 93,34 |
| a) Adult Education .. | .. | 11 | 11 | .. | 11 | 11 | .. | 11 | 11 | .. | 11 | 11 |
| Total .. | .. | 71,12 | 71,12 | 8,40 | 73,22 Ch 1 | 81,62 Ch 1 | .. | 80,58 Ch 1 | 80,58 Ch 1 | 10,00 | 83,45 Ch 1 | 93,45 Ch 1 |

The programme under this sub-major head comprises of introduction of Social Education/Adult Literacy Programme in the State in order to eradicate illiteracy amongst the adults and implementation of non-formal programme. The activities under the plan and non-plan schemes are given below:—

Non-Plan :

(a) *Adult Education*.—There are two Social Education Officers and 7 Project Officers under Rural Financial Literacy Programme in the State. Major portion of the provision is spent on payment of salaries to the personnel workings in a Adult Education Centres. The increase between Budget Estimates during 1982-83, 1983-84 is due to additional relief sanctioned by Government and annual increments. The personnel working under the scheme is given below:—

TABLE—VII

| | 1981-82 | 1982-83 | 1983-84 |
|--|---------|---------|---------|
| Circle Social Education Officers and Project Officers | 9 | 9 | 9 |
| Supervisors Social Education Teachers, Clerks, etc. .. | 435 | 435 | 435 |
| (Peons and Chaukidars) .. | 35 | 35 | 35 |

(Rs. in thousands)

| Plan | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------|---------------------|---------------------------------|----------------------------------|---------------------------------|
|------|---------------------|---------------------------------|----------------------------------|---------------------------------|

C—Special Education—

| | | | |
|---------------------------|------|----|-------|
| (a) Adult Education | 8,40 | .. | 10,00 |
|---------------------------|------|----|-------|

The programme under this sub-major head on the Plan side comprises of introduction of Social Education (Adult Literacy Scheme) setting up of 3 Projects in the State in order to eradicate literacy amongst the adults and implementation of non-formal education programme for the age-group 15—35 as sponsored by the Government of India. The statement below give the Physical targets to be achieved and staff likely to be sanctioned under the Plan.

Scheme :—

| TABLE VIII | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| 1. Introduction of Social Education Programme in the District | .. | 3 | 3 |
| 2. Starting of Non-formal Education in age-group 15—35 in the Districts | .. | 3 | 3 |

TABLE IX

Staff :

| | | | |
|--------------------------------------|----|----|----|
| 1. Social Education Supervisor | .. | .. | 30 |
| 2. Statistical Assistant | .. | .. | 1 |
| 3. Clerks/Typists | .. | .. | 3 |
| 4. Class IV | .. | .. | 3 |
| 5. Project Officers | .. | .. | 3 |
| 6. Assistants | .. | .. | 6 |
| 7. Drivers | .. | .. | 1 |

(Rs. in thousands)

| | Actual, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|----------------------------------|--------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs. | Rs. | Rs. | Rs. |
| C. Sports Youth Welfare : | | | | |
| C—Youth Welfare Scheme NFC | 48,62 | 51,60 | 89,50 | 53,61 |
| Total | 48,62 | 51,60 | 89,50 | 53,61 |

The Programme under the Plan Scheme comprises the payment of salary etc. to the staff of National Fitness Corps Scheme taken over from the Government India. The table below gives the sanctioned staff under the Plan Scheme:—

C—Youth Welfare

| Staff Taken over under the NFC Scheme from GOI | 1981-82 | 1982-83 | 1983-84 |
|--|---------|---------|---------|
| Instructors Gd. I | 35 | 29 | 29 |
| Instructors Gd. II | 505 | 478 | 478 |

NON-PLAN

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|--------------|---------|------------------------------|--------------|-------|-------------------------------|--------------|---------|------------------------------|--------------|---------|
| | Plan | Non- plan | Total | Plan | Non- plan | Total | Plan | Non- plan | Total | Plan | Non- plan | Total |
| | | | | Ch 10 | Ch 10 | | Ch 10 | Ch 10 | | Ch 10 | Ch 10 | |
| H— General (a) Direction & Administration | 283 | 80,83 | 83,66 | 9,75 | 80,53 | 90,28 | 379 | 99,50 | 1,03,29 | 7,93 | 94,38 | 1,02,31 |
| E—Other Ex- penditure | .. | 61,17 | 61,17 | .. | 4,32 | 4,32 | .. | 14,32 | 14,32 | .. | 2,85 | 2,85 |
| Total H— General | 2,83 | 1,42,00 | 1,44,83 | 9,75 | 84,85 | 94,60 | 3,79 | 1,13,82 | 1,17,68 | 7,93 | 97,23 | 1,05,16 |
| | | | | Ch 10 | Ch 10 | | Ch 10 | Ch 10 | | Ch 10 | Ch 10 | |

The Programme under the sub-major head comprises of expenditure on running of office at the Directorate level. Assistance to other non Government Institutions, organisation released at the Directorate level and conducting of Departmental Examination, Tournaments, Misc. etc. The details of scheme under the various non-plan and plan programmes are discussed below:—

NON-PLAN

(a) Direction and Administration . The provision include expenditure on the running of the office at the Directorate levels, conducting of JBT Examination. & Payment to proof readers of nationalised text books, payment for review of books, publication of Pb. Journal of Education and payment of salaries. The increase between the budget estimates for 1982-83 and 1983-84 is due to the grant of additional relief and annual increments. The organisational pattern of the Department. has already been indicated in the earlier paras of the note. Number of personal at the headquarters is given below:—

TABLE X

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Gazetted .. | 66 | 66 | 66 |
| Class III .. | 511 | 511 | 511 |
| Class IV .. | 89 | 89 | 89 |

The provision of grant-in-aid under different schemes is given below:—

(Rs. in thousands)

| Serial No. | Name of Scheme/Institution Organisation | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|-------------------|---------------------------|----------------------------|---------------------------|
| 1 | Bharat Scouts/Institution/ Organisation .. | .. | 83 | 83 | 83 |
| 2 | Teachers Foundation .. | .. | 25 | 25 | 25 |
| 3 | Setting up of Dashmesh Academy and Misc. grants .. | 57,95 | .. | 5,00 | .. |
| 4 | Other organisation | | | | |
| 5 | Departmental Examinations and Tournament .. | 3,22 | 3,24 | 8,24 | 1,77 |

The provision under item No. 5 above is meant for payment of wages to the contingent paid staff remuneration for conducting the Departmental examinations and tournaments and expenditure on other miscellaneous activities.

(Rs. in Thousands)

| | Actual, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|----------------------------------|-----------------|---------------------------|----------------------------|---------------------------|
| H—General | | | | |
| (a) Direction and Administration | 2,83 | 9,75 | 3,79 | 7,93 |

TABLE XI

The progress under the Plan scheme comprises of the strengthening of administration of the Directorate level. The table below gives the number of posts/created/likely to be created year-wise:

| | 1981-82 | 1982-83 | 1983-84 |
|-------------------------------------|---------|---------|---------|
| Director SCERT .. | 1 | 1 | 1 |
| Addl. Director .. | .. | .. | .. |
| Deputy Directors .. | .. | 1 | 2 |
| Officer Incharge Technology Cell .. | 1 | 1 | 1 |
| Assistant Directors .. | .. | .. | 2 |
| Assistant Accounts Officer .. | 1 | 2 | 2 |
| Statistical Officers .. | .. | .. | 1 |
| Subject Specialists (Masters) .. | 1 | 3 | 3 |
| Superintendent Gd. II .. | 1 | 1 | 2 |
| Superintendent Gd. III .. | .. | 1 | 1 |
| Statistical Assistant .. | .. | .. | 1 |
| Senior Scale Stenographer .. | 1 | 1 | 1 |
| Junior scale Stenographer .. | 1 | 2 | 6 |
| Assistants .. | 3 | 6 | 11 |
| Technical Assistants .. | .. | 3 | 3 |
| Script. Writers .. | 1 | 1 | 1 |
| Artists .. | 1 | 1 | 1 |
| Steno Typist .. | .. | 3 | 3 |
| Clerks .. | 1 | 4 | 8 |
| Drivers .. | 1 | 2 | 3 |
| Class IV .. | 3 | 8 | 14 |
| Machinemen .. | .. | 1 | 1 |
| Daftari .. | .. | 1 | 1 |

(Rs. in thousands)

| Accounts 1981-82 | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 288— Social Security & Welfare & Other facilities to scheduled castes and Backward Classes (d) promotion of Edu. among Educationally backward Classes .. | .. | 4,65,41 | 4,65,41 | .. | 4,93,35 | 4,93,35 | .. | 4,93,35 | 4,93,35 |
| Total .. | .. | 4,65,41 | 4,65,41 | .. | 4,93,35 | 4,93,35 | .. | 4,93,35 | 4,93,35 |

TABLE XII

| | 1981-82 | 1982-83 | 1983-84 |
|---|----------|----------|----------|
| 1. Promotion of Edu. among Educationally backward Classes | 5,00,000 | 5,00,000 | 5,00,000 |

Other programme under this head envisages the ameliorating the lot of Harijans students by granting the m stipends, reimbursement of tuition and examination at all stages providing facilities to poor deserving students for higher education of general side for carrying on their studies upto pot graduate level.

| "477—Education | Actual, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-------------------------|--------------------|---------------------------------|----------------------------------|---------------------------------|
| (b) Secondary Education | 33,52 | 12,00 | 41,42 | 70,50 |

The Chief Engineer, Punjab PWD (B&R) is the head of of the Department and controlling officer for this head. This main activity of the Capital portion of the Education Department relates to construction of Schools, Class rooms, school building, etc.

EDUCATION DEPARTMENT

PRIMARY EDUCATION

Introduction

An independent Directorate of Primary Education was set up in February, 1978 so as to devote greater attention to the spread of literacy and universalization of elementary education in the age group of 6—11.

D.P.I. (Primary) an educationist is assisted by the following officers to discharge the function relating to the primary education:—

| | | |
|--------------------------------|----|-------|
| 1. Deputy Director | .. | One |
| 2. Assistant Registrar (Exam.) | .. | One |
| 3. Administrative Officer | .. | One |
| 4. Assistant Director | .. | Three |
| 5. Evaluation Officer | .. | One |
| 6. Accounts Officer | .. | One |

The Deputy Director and Assistant Registrar deal with the Departmental Examination viz. J.B.T. The Administrative Officer assists the Director in the matter relating to general administration at the Head quarters and field level. He also deals with the ministerial staff of the Department. The Account Officer has been appointed to look after the budget and account side of the department).

Ever since the promulgation of the Compulsory Primary Education Act, 1960, the State Government has made constant endeavours for the Universalisation of Primary Education (Class I-V) in the age-group 6—11. There has been tremendous expansion of educational facilities at all levels and every revenue village was provided with a Primary School. As a result the target of 100% enrolment of children in the age-group 6—11 was achieved as far back as 1977-78.

Sixth Five Year Plan 1980—85 and the Annual Plan 1980-81 were designed mainly to improve retention in the age-group 6—11 and ensure that the children who are enrolled in Primary Schools, continue attending the school till they pass fifth class, to improve the hygienic conditions of Primary Schools by providing lavatories and drinking water facilities to introduce library service at the primary school stage, to strengthen the machinery of inspection and supervision and further expand the educational facilities wherever needed. But, however, due to tight financial position of the State the Annual Plan 1982-83 was formulated mainly to continue the programmes embodied in the Annual Plan 1979-80 and 1980-81 with the twin aims of bringing about an overall improvement in the general tone and content of primary Education and to improve retention in Primary Classes (I—V) in the age-group 6—11. The likely achievements during the year 1982-83 are as under:—

1. Enrolment

The enrolment in the age group 6—11 which stood at 20.08 lacs at the end of the year 1981-82 is likely to be raised to 20.38 lacs during the year 1983-84.

2. Opening of New Primary Schools

There is already a Government Primary school in each revenue village of the State. During the year 1979-80 and 1980-81, 20 single teacher schools were opened to cover newly developed townships/colonies/habitations. But, during the years 1981-82 and 1982-83 no new single teacher primary school was opened for want of funds.

3. Furniture to Government Primary Schools

In order to make up the deficiency of furniture in primary schools, furniture items such as wooden paratas, black-boards, tables and chairs have been provided to 800 primary schools.

4. Improvement of Primary Schools

Hitherto, no arrangements existed in the Primary Schools for sweeping the class-rooms and the schools campus. In order to provide such service in Primary Schools, 200 posts of part time sweeper were created during the year 1980-81 which were allowed to be continued during 1982-83.

5. Lavatories and Drinking water facilities

In order to improved the hygienic conditions of primry schools , 32 scl ools have been provided the facilities of lavatories and drinking water.

6. Library Service

Library Service was provided in 130 Primary Schools during the year 1979-80 and 1980-81, but during the 1981-82 and 1982-83 no new schools has been provided with this facility for want of funds .

7. Non-Formal Education

A large number of chiiren in the age-group 6—11 are completed to drop-out from the regular schools due to certain social and economic reasons. In order to provide facility of education to such drop-out, 250 part-time non-formal education centres which were started in the State during the year 1979-80 were allowed to contiue during theyear 1982,83 also.

8. Replenishment/provision of science kits for primary schools

No provision was made for replenishment of Science Kits during the year 1982-83.

9. Employment generated

No new post was created during the year 1982-83.

FINANCIAL REQUIREMENTS

TABLE
Financial

| Head | Accounts, 1981-82 | | |
|---|------------------------|-------------------|-----------------------|
| | Plan | Non-Plan | Total |
| A—Primary (Ch.) | .. | .. | .. |
| (b) Inspection (Vot.) | .. | 86,25 | 86,25 |
| (c) Govt. Primary Schools (Ch.) | .. | .. | .. |
| (Vot.) | 6,93 | 47,60,55 | 47,67,48 |
| (d) Assistance to Non-Govt. Pry. Schools | .. | 35,80 | 35,80 |
| (e) Assistance to Local bodies for Pry. Education | .. | 7,40 | 7,40 |
| (g) Other Expenditure | 221 | 30,83 | 33,04 |
| B—Secondary(g) Teachers Training | | | |
| 1. Seminar and (Ch.) Refresher courses | .. | 3,68 | 3,68 |
| 2. Govt J.B.T. Training (Ch.) | .. | .. | .. |
| (Vot.) | .. | 14,03 | 14,03 |
| Total (Ch.) | .. | .. | .. |
| (Vot.) | 9,14 | 49,38,54 | 49,47,68 |
| | | Objectwise | Classification |
| S.O.E. | Actual, 1981-82 | | |
| | Plan | Non-Plan | Total |
| 1. Salaries | 2,23 | 48,12,16 | 48,14,39 |
| 2. Wages | 1,98 | 25,85 | 27,83 |
| 3. Travelling Expenses | 45 | 2,36 | 2,81 |
| 4. Office (Ch.) | .. | .. | .. |
| Expenses (Voted) | 48 | 20,19 | 10,67 |
| 5. Payment of professional and special services | 201 | .. | 2,01 |
| 6. Medical reimbursement | .. | .. | .. |
| 7. Rent, Rate and Taxes | .. | 6,24 | 6,24 |
| 8. Grant-in-aid | .. | 43,20 | 43,20 |
| 9. Scholarship/Stipend | .. | 22 | 22 |
| 10. Publication | 53 | .. | 53 |
| 11. Equipment/Machinery/Tools | .. | .. | .. |
| 12. Maintenance | .. | .. | .. |
| 13. Material and Supply | 64 | 27,38 | 28,02 |
| 14. Mid-day Meal | .. | .. | .. |
| 15. Liveries | .. | 89 | 89 |
| 16. Other Charges | 82 | 5 | 87 |
| Total (Ch.) | .. | .. | .. |
| (Vot.) | 9,14 | 49,38,54 | 49,47,68 |

**II
Requirement**

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| .. | 2 | 2 | .. | 1 | 1 | .. | .. | .. |
| 1,00 | 75,26 | 76,26 | .. | 80,12 | 80,12 | 1,00 | 87,28 | 88,28 |
| .. | 8 | 8 | .. | 1 | 1 | .. | .. | .. |
| 10,90 | 43,93,87 | 44,04,77 | 11,26 | 49,07,02 | 49,18,28 | 16,50 | 55,15,60 | 55,32,10 |
| .. | 36,04 | 3,604 | .. | 47,80 | 47,80 | .. | 42,89 | 42,89 |
| .. | 7,40 | 7,40 | .. | 7,40 | 7,40 | .. | 7,40 | 7,40 |
| 250 | 35,44 | 37,94 | 2,48 | 35,51 | 37,99 | 2,50 | 36,41 | 38,91 |
| .. | 2,33 | 2,33 | .. | 6,51 | 6,51 | .. | 4,92 | 4,92 |
| .. | 1 | 1 | .. | 1 | 1 | .. | .. | .. |
| .. | 18,91 | 18,91 | .. | 19,29 | 19,29 | .. | 19,72 | 19,72 |
| .. | 11 | 11 | .. | 3 | 3 | .. | .. | .. |
| 14,40 | 45,69,25 | 45,83,65 | 13,74 | 51,03,65 | 51,17,39 | 20,00 | 57,14,22 | 57,34,22 |

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 2,86 | 43,51,62 | 43,54,48 | 2,50 | 49,46,24 | 49,48,74 | 3,26 | 55,49,32 | 55,52,58 |
| 2,25 | 27,65 | 29,90 | 2,42 | 28,52 | 30,94 | 2,25 | 28,75 | 31,00 |
| 50 | 2,89 | 3,39 | 50 | 2,89 | 3,39 | 50 | 2,98 | 3,48 |
| .. | 11 | 11 | .. | 3 | 3 | .. | .. | .. |
| 64 | 26,09 | 26,73 | 29 | 26,09 | 26,38 | 64 | 30,11 | 30,75 |
| 2,25 | 6 | 2,31 | 2,23 | .. | 2,23 | 2,25 | 6 | 2,31 |
| .. | 79,77 | 79,77 | .. | 7,10 | 7,10 | .. | 13,40 | 13,40 |
| 10 | 5,75 | 5,85 | .. | 5,72 | 5,72 | 10 | 5,70 | 5,80 |
| .. | 43,44 | 43,44 | .. | 55,20 | 55,20 | .. | 50,29 | 50,29 |
| .. | 40 | 40 | .. | 40 | 40 | .. | 40 | 40 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 5,00 | 30,17 | 35,17 | 5,00 | 30,17 | 35,17 | 10,20 | 31,74 | 41,94 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 1,36 | 1,36 | .. | 1,32 | 1,32 | .. | 1,42 | 1,42 |
| 80 | 5 | 85 | 80 | .. | 80 | 80 | 5 | 85 |
| .. | 11 | 11 | .. | 3 | 3 | .. | .. | .. |
| 14,40 | 45,69,25 | 45,83,65 | 13,74 | 51,03,65 | 51,17,39 | 20,00 | 57,14,22 | 57,14,22 |

Table -III—Explanation of financial requirements indicating the programme under each activity with relevant physical data.

The programmes under the Sub-Major Head "A—Primary Education" comprise supply of furniture (wooden partras, black-boards, tables and chairs) to the Primary Schools, Provision of lavatories and drinking water facilities in the primary schools so as to improve the health of the children, Construction of non-formal parttime Education Centres for children (6—11 age group) who cannot attend the regular schools due to certain social and economic reasons, creation of additional posts of Block Primary Education Officers and their ancillary staff for effective inspection and supervision of primary schools and Teacher Training Programme.

(b) Inspection

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (Charged) | .. | .. | .. | .. | 2 | 2 | .. | 1 | 1 | .. | .. | .. |
| (Voted) | .. | 86,25 | 86,25 | 1,00 | 75,26 | 76,26 | .. | 80,12 | 80,12 | 1,00 | 87,28 | 88,28 |

Under the Scheme there are 228 Blocks in the State in which 228 Block Primary Education Officer are working. The provision of funds is met for the payment of salaries to Block Primary Education Officer and the staff and the other expenditure for the maintenance of their offices. Number of Government employees working in the offices is as under:—

TABLE-I

| Categories | 1981-82 | 1982-83 | 1983-84 |
|-----------------------|---------|---------|---------|
| Gazetted | .. | .. | .. |
| Non-Gazetted | | | |
| Class III (B.P.E.O.) | .. | 228 | 294 |
| Class III (Clerk) | .. | 162 | 228 |
| Class IV | .. | 205 | 271 |

C—G.P.
Schools

| | Account 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
|-----------|-----------------|----------|----------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| (Charged) | .. | .. | .. | .. | 11 | 11 | .. | 3 | 3 | .. | .. | .. | |
| (Voted) | .. | 6,93 | 47,60,55 | 47,67,48 | 1,00 | 75,26 | 76,26 | .. | 80,12 | 80,12 | 1,00 | 87,28 | 88,28 |

This programme covers expenditure on the running of 12,212 Government Primary Schools in the State. The provision under the head is meant for salaries of personnel working in Government Primary Schools and other contingent expenditure required for the maintenance of these schools. All additional posts are created under the various plan schemes. The increase shown in the revised Budget Estimates is due to grant of additional D.A. Number of personnel working in these schools is given below:—

TABLE-I

| Categories | 1981-82 | 1982-83 | 1983-84 |
|-------------------------|---------|---------|---------|
| (i) Centre Head Teacher | .. | 15,00 | 15,00 |
| (ii) Head teacher | .. | 82,38 | 82,38 |
| (iii) J.B.T. Teacher | .. | 4,70,34 | 3,72,96 |
| (iv) Class IV | .. | 343 | 334 |

(d) Assistance to
Non-Govt.
Pry. Schools

| Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|-------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| .. | 35,80 | 35,80 | .. | 36,04 | 36,04 | .. | 47,80 | 47,80 | .. | 42,89 | 42,89 |

Under this scheme grant-in-aid is given to the non-Government aided primary schools in the State. The provision of funds is meant for the payment of grant-in-aid to privately managed recognised schools for equating the salaries of the staff with personnel working in government Schools, under Delhi pattern the proposed increase between the Budget Estimates 1982-83 and Revised Estimates 1982-83 and Budget Estimates 1983-84 is due to the payment of D.A. at par with the Government employees and payment of arrears to local bodies for primary education :

| Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|-------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| — | .. | 7,40 | 7,40 | .. | 7,40 | 7,40 | .. | 7,40 | 7,40 | .. | 7,40 |

Under the programme grant-in-aid is given to local bodies and Panchayati Raj Institutions for the repair of school buildings.

g) Other expenditure

| Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates 1983-84 | | | |
|-------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|--------|-----------------------------|----------|-------|-------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | |
| — | 2,21 | 30,83 | 33,04 | 2,50 | 35,44 | 37,94 | 2,48 | 35,51* | 37,99 | 2,50 | 30,41 | 38,91 |

Under this programme scheme for the supply of Skimmed powder etc. for feeding the primary schools children is envisaged. The State Government has been charged on account of Salaries of per sonnel engaged for execution of the programme. In addition to this the freight charges of the material and transportation charges from Bombay to various destination in the State are borne by the State Government.

Table III (Physical)

| (b) Inspection | .. | 1981-82 | 1982-83 | 1983-84 |
|------------------------------------|----|---------|---------|---------|
| Posts | | | | |
| B.P.E.Os. | .. | .. | .. | 66 |
| Clerks | .. | .. | .. | 66 |
| Class IV | .. | .. | .. | 66 |
| Total | .. | .. | .. | 198 |
| (c) Govt. Primary Schools | | | | |
| (i) New Government Primary Schools | .. | .. | .. | .. |
| (ii) J.B.T. Teachers | .. | .. | .. | .. |

DEPARTMENT OF EMPLOYMENT, PUNJAB

I—Introduction

The National Employment Services in India was started in 1945 to cater to the placement of demobilised ex-servicemen. In the wake of the partition of the country in 1947, it was also entrusted with the work of re-settlement of displaced persons from Punjab and Bengal in suitable services. The entire service was under the control and supervision of Directorate General of Resettlement and Employment, Government of India.

While retaining the responsibilities for laying down broad policies and as a co-ordinating link between the State, the Centre transferred the day to day administration of the working of the Employment Exchanges to the State Governments w.e.f. 1st November, 1956. They were further entrusted with the work of providing Vocational Guidance to School and College students and other youth, in 1948. With effect from 1960 it was called upon to collect employment market information.

With the creation of separate State of Haryana since 1st November 1966, the Departments of Labour and Employment were placed under the charge of single I.A.S. Officer as Labour Commissioner-cum-Director of Employment. This position is continuing up to date.

The main functions of the Department are :—

- (i) To provide employment assistance to employment seekers.
- (ii) To collect information regarding the employment position in various sectors of economy to study the pattern of employment to identify surplus and shortage in occupation and supply the information on various aspects of employment situation to Manpower Planning Agencies.
- (iii) To locate, identify and analyse new occupations, to draw up job profiles, to draft and revise occupational definitions, to collect and supply occupational information to Employment Exchanges and other agencies engaged in the work of Vocational Guidance, to collect and supply information on Careers and Courses to National Headquarters for use in the preparation of career literature at the National level, to prepare and publish career literature in Punjabi, to translate and publish in Punjabi the Career literature published by the Directorate General of Employment and Training to assist them in the revision and updating of their publications and the preparation of the National Classification of Occupations.
- (iv) To collect, compile and publish information on career and occupations relating to Punjab for the career guidance of the educated youth.
- (v) To provide vocational guidance to School and College youth and other job-seekers.
- (vi) To provide specialised employment assistance to the physically handicapped and the disabled soldiers for their rehabilitation in Civil jobs.
- (vii) To provide centralised employment assistance to ex-servicemen.
- (viii) To study the problems of members Scheduled Castes and to provide them special employment assistance.
- (ix) To provide special employment assistance to highly qualified applicants such as Master's Degree-holders in Arts, Science and Commerce, etc. and Graduates in professional subjects like Engineering, Medical and Architectures etc.
- (x) To educate and guide employers with regard to the provisions of Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959 for ensuring proper implementation of the Act and to prosecute persistent and wilful defaulters.
- (xi) To disburse unemployment allowance to educated unemployed persons.
- (xii) The Department has only recently taken up activity of promoting self-employment schemes which have been launched by the various Development Agencies as it is felt that it would never be able to provide salaried jobs particularly in Government Departments to all the large number of candidates who are registered with the Department.

The Employment Department does not generate any employment of its own but functions only as a link between the employers and the employment seekers. The services of this Department are voluntary in the sense that there is no compulsion on any one to use the services. In view of this, it is not possible to offer any comments regarding the variations in the figures of work performance of this Department occurring from year to year.

| Accounts 1981-82 | | | |
|---|-----------|----------------|----------------|
| | Plan | Non-Plan | Total |
| A. Programme/Activity Classification | | | |
| (a) Direction and Administration | | 8,64 | 8,64 |
| (b) (i) Employment Exchanges | 14 | 44,27 | 44,41 |
| (ii) Employment Exchanges for Physically Handicapped | | 1,16 | 1,16 |
| (c) Employment Survey and Statistics | | 5,39 | 5,39 |
| (d) (i) Other expenditure | | 8,54 | 8,54 |
| (ii) Unemployment Allowance to educated unemployed | | 45,40 | 45,40 |
| Total 'A' | 14 | 1,13,40 | 1,13,54 |
| B—Objectwise Classification | | | |
| 1. Salary | 14 | 57,29 | 57,43 |
| 2. Wages | | 15 | 15 |
| 3. Travelling Expenses | | 99 | 99 |
| 4. Office Expenses | | 5,17 | 5,17 |
| 5. Rent, Rates and Taxes | | 1,51 | 1,51 |
| 6. Motor Vehicle and Maintenance | | 13 | 13 |
| 7. Allowance | | 45,40 | 45,40 |
| 8. Medical Reimbursement | | 2,76 | 2,76 |
| Total 'B' | 14 | 1,13,40 | 1,13,54 |
| C—Sources of Finance (Demand No. 22) | | | |
| Major Head: 287—Labour and Employment | | | |
| Total 'C' | 14 | 1,13,40 | 1,13,54 |
| III—Explanation of | | | |
| (a) Direction and Administration | | | |
| 1. Direction | | 8,64 | 8,64 |
| 2. Strengthening of Foreign Employment and Training Information Bureau | | | |
| 3. Strengthening of Headquarter establishment and setting up of Training Unit at Headquarters | | | |
| 4. Setting up of Scheduled Castes Cell at the Directorate | | | |
| 5. Strengthening of Headquarters. Setting up of Inspection Unit at Directorate | | | |
| Total | | 8,64 | 8,64 |

Requirements

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| .. | 6,47 | 6,47 | .. | 8,35 | 8,35 | .. | 7,44 | 7,44 |
| 1,70 | 34,55 | 36,25 | 2,50 | 45,14 | 47,64 | 3,00 | 39,20 | 42,20 |
| .. | 92 | 92 | .. | 95 | 95 | .. | 1,07 | 1,07 |
| .. | 5,90 | 5,90 | .. | 7,14 | 7,14 | .. | 6,86 | 6,86 |
| .. | 6,63 | 6,63 | .. | 7,68 | 7,68 | .. | 7,51 | 7,51 |
| .. | 73,00 | 73,00 | .. | 53,00 | 53,00 | .. | 73,00 | 73,00 |
| 1,70 | 1,27,47 | 1,29,17 | 2,50 | 1,22,26 | 1,24,76 | 3,00 | 1,35,08 | 1,38,08 |
| 1,30 | 46,88 | 48,18 | 1,98 | 61,23 | 63,21 | 2,48 | 54,27 | 56,75 |
| .. | 18 | 18 | .. | 18 | 18 | .. | 20 | 20 |
| 8 | 80 | 88 | 10 | 80 | 90 | 12 | 82 | 94 |
| 16 | 7,13 | 7,29 | 22 | 4,13 | 4,35 | 23 | 4,19 | 4,42 |
| 8 | 1,47 | 1,55 | 12 | 1,47 | 1,59 | 12 | 1,45 | 1,57 |
| .. | 15 | 15 | .. | 22 | 22 | .. | 15 | 15 |
| .. | 70,00 | 70,00 | .. | 53,00 | 53,00 | .. | 73,00 | 73,00 |
| 8 | 86 | 94 | 8 | 1,23 | 1,31 | 5 | 1,00 | 1,05 |
| 1,70 | 1,27,47 | 1,29,17 | 2,50 | 1,22,26 | 1,24,76 | 3,00 | 1,35,08 | 1,38,08 |
| 1,70 | 127,47 | 1,29,17 | 2,50 | 1,22,26 | 1,24,76 | 3,00 | 1,35,08 | 1,38,08 |
| 1,70 | 1,27,47 | 1,29,17 | 2,50 | 1,22,26 | 1,24,76 | 3,00 | 1,35,08 | 1,38,08 |
| Financial Requirement | | | | | | | | |
| .. | 6,47 | 6,47 | .. | 8,35 | 8,35 | .. | 7,44 | 7,44 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 6,47 | 6,47 | .. | 8,35 | 8,35 | .. | 7,44 | 7,44 |

The Director of Employment, Punjab, controls the Department and is assisted at the Headquarters by one Joint Director and five Deputy Directors (Class-I).

The Special Unit known as the Professional and Executive Employment Office and located at the Directorate renders special employment assistance to highly qualified job-seekers such as Post-graduates in Arts, Science, Commerce etc. and to graduates in professional subjects like Medicine, Engineering, Architecture, Library Science, etc.

The work done by the Professional and Executive Office during the years 1981 and 1982 is as under :—

TABLE I

| | 1981 | 1982 |
|---|-------|-------|
| 1. Number of persons registered for employment assistance .. | 2,267 | 2,086 |
| 2. Number of persons placed in employment .. | 136 | 173 |
| 3. Number of persons on Live Register on the last day of the year | 4,442 | 4,972 |

(b) A special office known as the Foreign Employment and Training Information Bureau is functioning at the Directorate. This Bureau is the only one of its kind in India and was set up by the State Government to provide up-to-date and authentic information and guidance to persons desirous of going abroad for higher and professional education or employment and to save such persons from being duped and exploited by unscrupulous elements who exploit the urge of the youth to go abroad for their nefarious ends. In addition, it provides information and guidance regarding the procedure for obtaining passport, entry visa foreign exchange, immigration, admission procedure, financial assistance available, etc. Since 1977, the bureau has started submitting applicants for foreign employment.

It has evoked a good response among the public and sizeable number of persons are registered each year and necessary information/guidance is provided to them. It is headed by one District Employment Officer. The work done by it during the year 1981 and 1982 is summarised below :—

TABLE II

| | 1981 | 1982 |
|--|-------|------|
| 1. (a) Number of persons given guidance | 1,360 | 980 |
| 2. Collection of Educational and Vocational Literature booklets by the Bureau .. | 202 | 224 |

Submission made by the Bureau regarding Foreign Vacancies in the Calendar year, 1982—394.

According to the information received by the Bureau during the year 1982, 38 persons were selected and went abroad for foreign employment in Middle East Countries (Iraq, Saudi-Arabia, etc.).

With a view to ensuring smooth absorption of ex-servicemen and disabled soldiers in the economy of the State, a Special Cell for rendering employment assistance to them was established at the Directorate of Employment in June, 1969.

The work done by this Cell during the year 1981 and 1982 is given below :—

TABLE—III

| | 1981 | 1982 |
|---|-------|-------|
| 1. Number of persons placed in employment | 41 | 111 |
| 2. Number of persons on the Live Register | 4,706 | 5,206 |

With a view to ensuring smooth absorption of Scheduled Caste candidates against the reserve vacancies, a special cell for rendering employment assistance to them was established at the Directorate of Employment during the year 1976-77.

The work done by this cell during the year 1981 and 1982 is given below :—

| | 1981 | 1982 |
|---|-------|--------|
| 1. Number of persons placed in employment | 159 | 212 |
| 2. Number of persons on the Live Register | 9,845 | 11,424 |

Sanctioned strength of the staff at the Directorate is given below :—

| Category | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 2 | 2 | 6 |
| Class II | 8 | 8 | 4 |
| Class III | 48 | 48 | 48 |
| Class IV | 18 | 18 | 18 |
| Total | 76 | 76 | 76 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (b)(1) Employment Exchanges | | | | | | | | | | | | |
| 1. Employment Exchanges | | 44,27 | 44,27 | | 34,55 | 34,55 | | 45,14 | 45,14 | | 39,20 | 39,20 |
| 2. Setting up of Town Employment Exchange, at Tarn Taran and Sirhind and Nakodar, Setting up of Rural Manpower Units at Dera Bassi, Majri Zira and Sultanpur Lodhi | 14 | | 14 | 1,70 | | 1,70 | 2,50 | | 2,50 | 3,00 | | 3,00 |
| Total | 14 | 44,27 | 44,41 | 1,70 | 34,55 | 36,25 | 2,50 | 45,14 | 47,64 | 3,00 | 39,20 | 42,20 |

(a) There are 32 Employment Exchanges in the State located at Amritsar, Abohar, Bhatinda, Chheharta, Faridkot, Ferozepur, Gurdaspur, Hoshiarpur, Jullundur, Jagraon, Kapurthala, Ludhiana, Malerkotla, Mansa, Moga, Mukatsar, Nangal, Nawanshahr, Pathankot, Phagwara, Patiala, Rupnagar, Rajpura, Sangrur, Talwara, Khanna, Barnala, Rampura Phul, Sirhind, Tarn Taran and Batala and Nakodar. Besides, there are 3 University Employment Information and Guidance Bureau at the Universities at Patiala, Ludhiana and Amritsar. There are 11 Rural Manpower Units providing Special Registration and renewal facilities for the rural candidates at the block offices at Dera-Bassi, Patti, Machhiwara, Nurmehal, Gobindgarh, Fazilka, Garhshankar, Dera Baba Nanak, Majri, Zira and Sultanpur Lodhi and two sub-offices, Sub-Employment Exchanges at Giddarbaha and Dharkalan. These units have been greatly instrumental in serving the weaker section of society who reside in these rural backward pockets.

These employment exchanges register applicants for employment assistance and do placement work against vacancies notified by employers both in the public sector and private sectors, whereas the State and Central Government employers are bound under executive instruction to recruit certain specified categories of staff and workers through the Employment Exchanges. They are free to recruit their workmen from the open market. Persuasion and appeal has, however, made it possible to make some progress in placement in the private sector. The function of the University Employment Information and Guidance Bureau are to provide guidance to the University alumni, college students and other university level youth in choosing suitable courses of studies and careers consistent with their abilities, aptitudes and availability of education and employment opportunities. The Bureau also provide placement assistance to the highly qualified applicants.

For administrative purposes all the employment exchanges including the five Sub-Regional Employment Exchanges Amritsar, Bhatinda, Ludhiana, Jullundur and Patiala, 9 District Employment Exchanges at Sangrur, Faridkot, Ferozepur, Ropar, Nangal, Hoshiarpur, Talwara, Gurdaspur and Kapurthala, 18 Town Employment Exchanges at Sirhind, Muktsar, Malerkotla, Abohar, Jagraon, Phagwara, Nawanshahr, Mansa, Khanna, Tarn Taran, Barnala, Rampuraphul, Batala, Pathankot, Chheharta, Moga and Nakodar and Rajpura are grouped together into five sub-regions with headquarters at Amritsar, Jullundur, Ludhiana, Patiala and Bhatinda. Each Sub-Region is under the charge of a Sub-Regional Employment Officer who is responsible for smooth, efficient, day-to-day running of the Sub-Regional Employment Exchange at his headquarters and exercises administrative and financial powers of the Head of the office in respect of all the Exchanges in the Sub-Region.

In addition to 32 Employment Exchanges and 3 University Employment Information and Guidance Bureau in the State noted above, there is a State Employment Exchange, Mohali at Chandigarh functioning under the charge of a Regional Employment Officer (Class I). This office has been set up with the special objective of making the benefit of employment opportunities arising in the Punjab Government establishment at Chandigarh also available to the residents of Punjab living outside Chandigarh. Previously these employment opportunities remained confined to the residents of Chandigarh only.

(b) The employment services, till recently, remained confined more or less to urban areas. Particularly, from the rural areas and weaker sections of society could not avail themselves of the services and facilities offered by this organisation. It has therefore, been decided that in order to ensure better utilisation of rural manpower all towns with a labour force of 10,000 (population 25,000 or more should be provided with employment offices in a phased manner. Under this scheme 18 Town Employment Exchanges have already been opened at Phagwara, Abohar, Jagraon, Batala, Chheharta, Moga, Rajpura, Tarn Taran and Sirhind, etc.

The scheme to provide un-employment allowance to the unemployed educated persons in the State was introduced in 1978-79. Under this scheme a monthly allowance of Rs. 80 is given to the Matriculates and Rs. 100 to Graduates and above, who are on the Live-Register of the Employment Exchanges for a continuous period of three years. Under this scheme, an amount of Rs. 70 lacs was provided for the year 1981-82. Out of this, an amount of Rs. 49.13 lacs was disbursed to 17,215 applicants during the year 1981-82.

The work done by the Employment Exchanges in the State is shown in the following table :—

TABLE—IV

| | Year | |
|------------------|----------|----------|
| | 1981 | 1982 |
| 1. Registration | 2,36,481 | 2,16,715 |
| 2. Placing | 17,844 | 17,465 |
| 3. Live Register | 4,86,061 | 5,07,586 |

The sanctioned staff strength in the Employment Exchanges covered under this scheme is shown below :—

TABLE—V

| Category | 1981-82 | 1982-83 | 1983-84 |
|--------------|------------|------------|------------|
| Class—I | 1 | 1 | 1 |
| Class—II | 44 | 44 | 45 |
| Class—III | 215 | 215 | 218 |
| Class—IV | 134 | 134 | 137 |
| Total | 394 | 394 | 401 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (b) (ii) Employment Exchange for Physically Handicapped | .. | 1,16 | 1,16 | .. | 92 | 92 | .. | 95 | 95 | .. | 1,07 | 1,07 |
| Total | .. | 1,16 | 1,16 | .. | 92 | 92 | .. | 95 | 95 | .. | 1,07 | 1,07 |

A Special Employment Exchange located at Ludhiana caters to the Special Employment needs of the Physically Handicapped. This Exchange maintains a centralised live register of all the physically handicapped employment seekers in the State and secures placement for them through special efforts. It is the special responsibility of this exchange to persuade employers to accept physically handicapped persons in jobs suitable to their available, residual capacities.

This exchange reimburses one way fare to applicants for attending interviews and also pays a token amount of Re. 1 as refreshment charges. The blind and those unable to walk are allowed rickshaw charge as well.

The work done by this exchange in respect of various categories of physically handicapped job-seekers during the years 1981 and 1982 is given below :—

TABLE—VI

| Sr. No. | Registration | | Placement | | Live Register | |
|-----------------|--------------|--------------|------------|------------|---------------|--------------|
| | 1981 | 1982 | 1981 | 1982 | 1981 | 1982 |
| 1. Orthopaedics | 3,646 | 2,286 | 174 | 190 | 5,478 | 4,359 |
| 2. Blind | 75 | 38 | 1 | 2 | 111 | 81 |
| 3. Deaf & Dumb | 11 | 2 | 1 | .. | 8 | 6 |
| Total | 3,732 | 2,326 | 176 | 192 | 5,597 | 4,446 |

Table below shows the sanctioned strength of the staff employed under the scheme :-

TABLE—VII

| Category | 1981-82 | 1982-83 | 1983-84 |
|--------------|----------|----------|----------|
| Class II | 1 | 1 | 1 |
| Class III | 3 | 3 | 3 |
| Class IV | 2 | 2 | 2 |
| Total | 6 | 6 | 6 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|-------------|-------------|---------------------------|-------------|-------------|----------------------------|-------------|-------------|---------------------------|-------------|-------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (c) Employment Survey and Statistics .. | .. | 5,39 | 5,39 | .. | 5,90 | 5,90 | .. | 7,14 | 7,14 | .. | 6,86 | 6,86 |
| Total .. | .. | 5,39 | 5,39 | .. | 5,90 | 5,90 | .. | 7,14 | 7,14 | .. | 6,86 | 6,86 |

(a) Under the Employment Market Information Programme, the Department collects data on the State of Employment in various branches and sections of economy in the State, both in the public and private sectors. The data is collected through Quarterly and Biennial returns which are required to be rendered by all public sector employers and those private sector employers as employ 25 persons or more under the Employment Exchanges (Compulsory Notifications of Vacancies) Act, 1959. Biennial returns are collected each alternate year from the Public and Private Sector employers, respectively. Based on these and other allied sources of information, the Department publishes quarterly and annual reports on the State of employment in various branches of economy, identifies shortage and surplus occupations and publishes other periodical survey reports. The Employment Market data is supplied to the planning authorities for use in manpower planning.

Employment Market Information Units are functioning at the Employment Exchanges at the following places in Punjab :—

1. Amritsar
2. Gurdaspur
3. Batala
4. Pathankot
5. Jullundur
6. Kapurthala
7. Hoshiarpur
8. Ludhiana
9. Faridkot
10. Ferozpur
11. Rup Nagar
12. Patiala
13. Bhatinda
14. Mohali (Chandigarh)
15. Sangrur

The remaining 17 Employment Exchanges in the State are yet to be provided with these units. A Sub-Regional Employment Officer posted at the headquarters is responsible for the working of the State Employment Market Information Unit at the headquarters and guides, controls, supervises and co-ordinates the working and activities of the field units.

The table given below shows the number of employers and employees covered under this scheme :—

TABLE—VIII

| Sr. No. | | 1981 | 1982 |
|---------|---|----------|----------|
| 1. | No. of employers— | | |
| | (a) Public Sector .. | 5,592 | 5,985 |
| | (b) Private Sector .. | 3,529 | 3,580 |
| 2. | Number of employees in the above noted units— | | |
| | (a) Public Sector .. | 4,69,324 | 4,93,780 |
| | (b) Private Sector .. | 1,72,820 | 1,79,106 |

Under this scheme, an Occupational Information Unit is also functioning at the headquarters. The Unit collects, compiles and disseminates information relating to occupations and training facilities available in the State to the Employment Exchanges, educational authorities and other users.

(b) Under the Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959, all employers in the public sector and those in the private sector as employ 25 persons or more are required to furnish quarterly biennial returns to Employment Exchanges and to notify all vacancies arising in their establishments to the appointed employment exchanges. Non-submission of the returns and failure to notify the vacancies covered under the Act is a penal offence. For educating the employers about the provisions of the Act, checking their record and for taking legal action against persistent and wilful defaulters, an enforcement unit was set up at the headquarter in July, 1974. Under the scheme, establishment records of under-noted employers were checked during the years 1981 and 1982.

| | 1981 | 1982 |
|-------------------------|------|------|
| 1. Number of employers— | | |
| (a) Public Sector .. | 400 | 229 |
| (b) Private Sector .. | 97 | 75 |
| Total .. | 497 | 304 |

Prosecutions were launched against 27 private sector employers during the year 1982.

The sanctioned strength of the staff employed in these units and under the scheme mentioned at (a) above is shown in the table given below :—

TABLE—IX

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class—I .. | 1 | 1 | 2 |
| Class—II .. | 3 | 3 | 2 |
| Class—III .. | 38 | 38 | 38 |
| Class—IV .. | 4 | 4 | 4 |
| Total .. | 46 | 46 | 46 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rw | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (1) Other Expenditure— | | | | | | | | | | | | |
| (1) Vocational Guidance | .. | 8,54 | 8,54 | .. | 6,63 | 6,63 | .. | 7,68 | 7,68 | .. | 7,51 | 7,51 |
| (2) Un-Employment Allowance to educated unemployed | .. | 45,40 | 45,40 | .. | 73,00 | 73,00 | .. | 53,00 | 53,00 | .. | 73,00 | 73,00 |
| Total | .. | 53,94 | 53,94 | .. | 79,63 | 79,63 | .. | 60,68 | 60,63 | .. | 80,51 | 80,51 |

(a) At present, 17 Vocational Guidance Units are functioning in the State, one each at the employment exchanges, Amritsar, Patiala, Bhatinda, Moga, Ropar, Pathankot, Kapurthala, Sangrur, Hoshiarpur, Ferozepur, Gurdaspur, Faridkot, Talwara, Rajpura, Jalandhar, Ludhiana and Abohar.

These Units provide career guidance to job seekers on individual as well as group basis, aim is to assist the youth in choosing suitable careers consistent with their academic, physical, psychological attributes abilities, aptitudes and their personal and family circumstances and the rent employment situation. The Vocational Guidance Units also organise career conference, observe career weeks and put up career exhibitions in various parts of the State, arouse career consciousness among the youth and to help them in career planning. At the headquarters, the State Vocational Guidance Officer in the rank of Deputy Director, Employment heads the State Vocational Guidance Unit and guides, control, supervises and co-ordinates the activities of the field units.

Summary of the work done by the Vocational Guidance Units is given below :—

TABLE—X

| Sr. No. | | Year | |
|---------|---|------|--------|
| | | 1981 | 1982 |
| 1 | Number of Career talks delivered in schools | .. | 351 |
| 2 | Number of Career Exhibitions put up | .. | 19 |
| 3 | Number of persons given individual guidance | .. | 2,897 |
| 4 | Number of Career Weeks celebrated | .. | 19 |
| 5 | Number of persons covered by the group guidance | .. | 15,422 |

As a component of the Vocational Guidance Scheme, a Career Study Centre has been functioning at the Directorate, responsible for publishing careers literature on various occupational training opportunities available to youngmen and women on the threshold of their careers. The career literature published by this unit is proving useful to educated workers. It provides the much needed occupational information without which vocational guidance work cannot proceed.

Table below shows the sanctioned strength of staff for the Vocational Guidance Scheme :—

TABLE—XI

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class—I | .. | .. | 2 |
| Class—II | .. | 21 | 19 |
| Class—III | .. | 25 | 25 |
| Class—IV | .. | 21 | 21 |
| Total | .. | 67 | 67 |

ANNEXURE 'A'

Statistical Statement showing the work done/achievement of the Department during the year 1981 and 1982

| | 1981 | 1982 |
|--|----------|----------|
| 1. Placement Services :— | | |
| (i) Registration .. | 2,36,481 | 2,16,715 |
| (ii) Placements .. | 17,844 | 17,465 |
| (iii) Live Registers .. | 48,611 | 5,07,586 |
| 2. Employment Market Information :— | | |
| Number of employers covered— | | |
| (a) Public Sector .. | 5,592 | 5,985 |
| (b) Private Sector .. | 3,529 | 3,580 |
| 2-A. Vocational Guidance :— | | |
| (a) Number of persons imparted Vocational Guidance through :— | | |
| (i) Group Discussion .. | 15,422 | 19,510 |
| (ii) Individual Counselling .. | 2,897 | 3,091 |
| (b) Number of career talks delivered .. | 351 | 412 |
| (c) (i) Number of publications issued by Career Study Centre .. | .. | 7 |
| (ii) Issues of periodical "Guidance Feature" Published .. | .. | 24 |
| (iii) Issues of periodical careers published .. | .. | 4 |
| 3. (a) Number of persons provided guidance for going abroad through :— | | |
| (i) Personal enquiries .. | 1,330 | 980 |
| (ii) Postal enquiries .. | 3,507 | .. |

Special Employment Exchange for physically handicapped

| | Registration | | Placement | | Live Register as on last date of | |
|--------------------|--------------|-------|-----------|------|----------------------------------|-------|
| | 1981 | 1982 | 1981 | 1982 | 1981 | 1982 |
| 1. Orthopaedics .. | 3,446 | 2,286 | 174 | 190 | 5,478 | 4,359 |
| 2. Blind .. | 75 | 38 | 1 | 2 | 111 | 81 |
| 3. Deaf & Dumb .. | 11 | 2 | 1 | .. | 8 | 6 |

5. Professional and Executive Employment Exchanges :—

| | 1981 | 1982 |
|---|-------|-------|
| (i) No. of persons registered for Employment Assistance .. | 2,267 | 2,086 |
| (ii) No. of persons placed in employment .. | 136 | 173 |
| (iii) No. of persons on Live Register on the last day of the year .. | 4,442 | 4,972 |
| 6. Special Cell for the Ex-Servicemen— | | |
| (i) Number of persons placed in employment .. | 41 | 111 |
| (ii) Number of persons on the Live Register .. | 4,706 | 5,206 |
| 7. Enforcement Cell : | | |
| (a) Number of employers whose records were checked by the Enforcement Cell under the Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959 .. | 497 | 304 |
| (b) No. of legal cases launched against defaulters under the above Acts .. | 13 | 27 |

FAMILY WELFARE DEPARTMENT

I—INTRODUCTION

Family Welfare Programme is a Centrally-sponsored scheme. The Central Government is providing cent per cent grant to incur expenditure for the successful implementation of the Family Welfare activities in the State. The programme conceives short term objectives in the shape of physical targets and long term objectives in the form of definite demographic attainments.

Over a period two decades the scope of the Family Welfare Programme has increased manifold. The programme presently not only aims at providing facilities to the eligible couples to have babies by choice. But also ensure better health of both the child and the mother by providing M.C.H. Services to expectant mothers and their off spring.

At the State level, the programme is looked after by the State Family Welfare of the rank of Joint Director under the guidance and Control of Director, Health and Family Welfare Services. The Joint Director is assisted by the Assistant Director (Family Welfare), Assistant Director (M.C.H.) and Assistant Director (IUD).

At the District level, the programme is monitored by the District Family Welfare Officers and in the Blocks area, the programme is looked after by the Senior Medical Officers of Primary Health Centres. The mass Media infrastructure from the top State level to bottom Primary Health Centres, carries out regular campaign to make it a programme of the masses so as to ensure awareness and acceptance by the masses of their own.

The population census 1981 has revealed that the growth rate of population has increased from 21.70 per cent during the decade 1961—71 to 23.89 per cent during the decade 1971—81 as against the all Indian average of 24.75 during the decade 1971—81, despite the fact that the birth rate has been slowly declining during the past many years. This increase in the decade growth rate of population makes it all the more essential to carry out the Family Welfare Programme more effectively and efficiently.

Demographically, as per population policy laid down by the Government of India, the birth rate of the Punjab State is to be brought down as low as 21 per thousand of population by the year 2000. The infant mortality rate is to be reduced to 60 per thousand in that year.

Presently this birth rate of Punjab has been estimated to be 30.3 (Provisional) per thousand of population as per sample registration system.

The Family Welfare activities are to be so planned that every year, the birth rate is brought down by 0.5 per thousand of population. This is quite a realistic targets for bringing down the birth rate to 21 per thousand by the close of this century.

| | Accounts 1981-82 | | |
|---|------------------|----------|----------|
| | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. |
| A. Programme/Activity Classification | | | |
| 1. Direction and Supervision | 32,73 | 11,36 | 44,09 |
| 2. Rural Family Welfare | 1,33,19 | 30,98 | 1,64,17 |
| 3. Urban Family Welfare | 4,63 | 1,41 | 6,04 |
| 4. Maternity & Child Health | 13 | .. | 0,13 |
| 5. Transport | 9,70 | .. | 9,70 |
| 6. Compensation | 1,39,39 | .. | 13,39,39 |
| 7. Other Services and Supplies | 21,63 | 1,23 | 22,86 |
| 8. Mass Education) | 6,79 | .. | 6,79 |
| 9. Training Research and Statistics | 13,61 | 2,58 | 16,19 |
| 311. Other Expenditure | 5,78 | .. | 5,78 |
| 11. Health Guide Scheme | .. | .. | .. |
| 312. Building | 1,08,56 | .. | 1,08,56 |
| Total—A | 4,76,14 | 47,56 | 5,23,70 |
| B. Objectivewise Classification | | | |
| 1. Salaries | 1,82,15 | 45,70 | 2,27,85 |
| 2. Travel Expenses | 8,00 | 1,86 | 9,86 |
| 3. Office Expenses | 10,81 | .. | 10,81 |
| 4. Rent Rates and Taxes | 0,19 | .. | 0,19 |
| 5. Medical Reimbursement | .. | .. | .. |
| 6. Advertisement, Sale and Publicity | 6,79 | .. | 6,79 |
| 7. Grant-in-aid | 4,09 | .. | 4,09 |
| 8. Machinery Equipment | 4,24 | .. | 4,24 |
| 9. Motor Vehicle | 9,70 | .. | 9,70 |
| 10. Maintenance | 0,31 | .. | 0,31 |
| 11. Material and Supplies | 16,48 | .. | 16,48 |
| 12. Other Charges | 1,24,82 | .. | 1,24,82 |
| 13. Health Guide Scheme | .. | .. | .. |
| 14. Works Outlay | 1,08,56 | .. | 1,08,56 |
| Total—B | 4,76,14 | 47,56 | 5,23,70 |
| C. Sources of Financing | | | |
| Demand No. 18 Major Head—281 Family Welfare | 3,67,58 | 47,56 | 4,15,14 |
| Demand No. 18—Major Head—481—Capital Outlay on Family Welfare | 1,08,56 | .. | 1,08,56 |
| Total—C | 4,76,14 | 47,56 | 5,23,70 |

REQUIREMENT

(Rs. in thousands)

| Budget Estimates, 1982-83) | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|-----------------------------|----------|----------|---------------------------|----------|----------|--------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 41,70 | 11,59 | 53,29 | 36,25 | 12,59 | 48,84 | 45,25 | 12,65 | 57,90 |
| 1,55,75 | 34,23 | 1,89,98 | 1,94,05 | 36,65 | 2,30,70 | 2,45,80 | 37,57 | 2,83,37 |
| 12,20 | 1,95 | 14,15 | 12,31 | 2,08 | 14,39 | 20,26 | 2,09 | 22,35 |
| 8,00 | .. | 8,00 | 8,00 | .. | 8,00 | 8,00 | .. | 8,00 |
| 15,00 | .. | 15,00 | 15,00 | .. | 15,00 | 20,00 | .. | 20,00 |
| 1,01,50 | .. | 1,01,50 | 2,45,85 | .. | 2,45,85 | 2,14,00 | .. | 2,14,00 |
| 46,48 | 2,71 | 49,19 | 48,40 | 2,34 | 50,74 | 54,44 | 2,93 | 57,37 |
| 7,55 | .. | 7,55 | 7,55 | .. | 7,55 | 10,80 | .. | 10,80 |
| 45,46 | 1,73 | 47,19 | 44,12 | 1,78 | 45,90 | 24,03 | 1,82 | 25,85 |
| 3,57,00 | .. | 3,57,00 | 54,01 | .. | 54,01 | 1,37,70 | .. | 1,37,70 |
| .. | .. | .. | 39,24 | .. | 39,24 | 1,25,75 | .. | 1,25,75 |
| 3,97,54 | .. | 3,97,54 | 3,43,52 | .. | 3,43,52 | 3,42,14 | .. | 3,42,14 |
| 11,88,18 | 52,21 | 12,40,39 | 10,48,30 | 55,44 | 11,03,74 | 12,48,17 | 57,06 | 13,05,23 |
| 4,70,52 | 48,94 | 5,19,46 | 3,27,24 | 52,52 | 3,79,76 | 4,65,70 | 53,50 | 5,19,20 |
| 10,09 | 2,29 | 12,38 | 9,83 | 2,29 | 11,12 | 10,38 | 2,41 | 12,79 |
| 21,80 | .. | 21,80 | 25,06 | .. | 25,06 | 19,52 | .. | 19,52 |
| 3,26 | .. | 3,26 | 3,19 | .. | 3,19 | 3,22 | .. | 3,22 |
| 4,75 | 98 | 5,73 | 3,13 | 0,63 | 3,76 | 5,61 | 1,15 | 6,76 |
| 6,05 | .. | 6,05 | 6,05 | .. | 6,05 | 7,80 | .. | 7,80 |
| 5,50 | .. | 5,50 | 5,50 | .. | 5,50 | 7,50 | .. | 7,50 |
| 40,60 | .. | 40,60 | 14,38 | .. | 14,38 | 4,41 | .. | 4,41 |
| 40,85 | .. | 40,85 | 29,85 | .. | 29,85 | 20,00 | .. | 20,00 |
| 3,95 | .. | 3,95 | 3,78 | .. | 3,78 | 0,23 | .. | 0,23 |
| 24,50 | .. | 24,50 | 27,50 | .. | 27,50 | 21,00 | .. | 21,00 |
| 1,58,77 | .. | 1,58,77 | 2,11,03 | .. | 2,11,03 | 2,14,91 | .. | 2,14,91 |
| .. | .. | .. | 39,24 | .. | 39,24 | 1,25,75 | .. | 1,25,75 |
| 3,97,54 | .. | 3,97,54 | 3,43,52 | .. | 3,43,52 | 3,42,14 | .. | 3,42,14 |
| 11,88,18 | 52,21 | 12,40,39 | 10,48,30 | 55,44 | 11,03,74 | 12,48,17 | 57,06 | 13,05,23 |
| 7,90,24 | 52,21 | 8,42,15 | 7,04,78 | 55,44 | 7,60,22 | 9,06,03 | 57,06 | 9,63,09 |
| 3,97,54 | .. | 3,97,54 | 3,43,52 | .. | 3,43,52 | 3,42,14 | .. | 3,42,14 |
| 11,88,18 | 52,21 | 12,40,39 | 10,48,30 | 55,44 | 11,03,74 | 12,48,17 | 57,06 | 13,05,23 |

III—EXPLANATION OF

| | | | | Accounts 1981-82 | | |
|---------------------------------|----|-------|-------|------------------|----------|-------|
| | | | | Plan | Non-Plan | Total |
| | | | | Rs. | Rs. | Rs. |
| 1. Direction and Administration | .. | 32,73 | 11,36 | 44,09 | | |

FINANCIAL REQUIREMENTS

(Rs. in thousand)

| Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 41,70 | 11,59 | 53,29 | 36,25 | 12,59 | 48,84 | 45,25 | 12,65 | 57,90 |

Under Direction and Supervision are included the demands for the running of the Direction Cell at the Secretariat level, State Family Welfare Bureau at the State level and the District Family Welfare Bureau in all the twelve Districts. The State Family Welfare Bureau consists of the Administration, Audit Party, Demographic Cell and the offset press. The District Family Welfare Bureau consists of the Administrative Division, Education and Information Division and Field Operation and Evaluation Division. There were twelve Sterilisation Units which are abolished with effect from 1st April, 1978. The table below give the sanctioned staff position :—

TABLE—I

| Sr. No. | Designation | No. of Posts during 1982-83 | No. of Posts Proposed 1983-84 |
|---------|--|-----------------------------|-------------------------------|
| 1 | Under Secretary (Family Welfare) | 1 | 1 |
| 2 | Joint Director (Family Welfare) | 1 | 1 |
| 3 | Assistant Director (Family Welfare) | 1 | 1 |
| 4 | District Family Welfare Officers | 12 | 12 |
| 5 | Assistant Director (IUD and Training) | 1 | 1 |
| 6 | Administrative-cum-Store Officer (F.W.) | 1 | 1 |
| 7 | Demographer | 1 | 1 |
| 8 | Statistician | 2 | 2 |
| 9 | State Mass Media and Education Officer | 1 | 1 |
| 10 | Press Publicity Officer | 1 | 1 |
| 11 | Audio Visual Officer | 1 | 1 |
| 12 | Commercial Artist | 1 | 1 |
| 13 | Assistant Editor | 1 | 1 |
| 14 | Administrative-cum-Assistant Accounts Officers | 12 | 12 |
| 15 | Deputy District Mass Education and Family Welfare Officers | 24 | 24 |
| 16 | District Mass Education and Information Officers | 12 | 12 |
| 17 | Inspection Officer (Stores) | 2 | 2 |
| 18 | Superintendent | 1 | 1 |
| 19 | Senior Accountant (Deputy Superintendent) | 1 | 1 |
| 20 | Senior Auditor | 1 | 1 |
| 21 | Health Education | 1 | 1 |
| 22 | Social Scientist | 1 | 1 |
| 23 | Manager Offset Press | 1 | 1 |
| 24 | Assistant and Accountant | 34 | 34 |
| 25 | Senior Scale Stenographers | 1 | 1 |

| Sr. No. | Designation | No. of Posts during 1982-83 | No. of Posts Proposed 1983-84 |
|---------|---|-----------------------------|-------------------------------|
| 26 | Junior Auditor | 1 | 1 |
| 27 | Junior Scale Stenographer | 2 | 2 |
| 28 | Steno Typists | 14 | 14 |
| 29 | Senior Scale Statistical Assistant | 1 | 1 |
| 30 | Family Welfare Field Evaluation Workers | 5 | 5 |
| 31 | Junior Scale Statistical Assistant | 13 | 13 |
| 32 | Cashier | 12 | 12 |
| 33 | Clerk/Typists | 34 | 34 |
| 34 | Store Keeper | 1 | 1 |
| 35 | Senior Compositor | 1 | 1 |
| 36 | Compositor | 1 | 1 |
| 37 | Computor | 12 | 12 |
| 38 | Artist-cum-Photographer | 12 | 12 |
| 39 | Projectionist | 12 | 12 |
| 40 | Drivers | 27 | 27 |
| 41 | Cleaner | 13 | 13 |
| 42 | Peon | 18 | 18 |
| 43 | Chowkidar | 13 | 13 |
| 44 | Packer | 2 | 2 |
| 45 | Dafti | 1 | 1 |
| 46 | District Public Health Nurse | 12 | 12 |
| 47 | Attendant | 1 | 1 |
| 48 | Proof Assistant | 1 | 1 |
| 49 | Copy Holder | 1 | 1 |
| 50 | Helleo Operator | 1 | 1 |
| 51 | Developer | 1 | 1 |
| 52 | Machine Operator | 1 | 1 |
| 53 | Tradel Machine Operator | 1 | 1 |
| 54 | Book Binder | 1 | 1 |
| Total | | 331 | 331 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rural Family Welfare Services .. | 1,33,19 | 30,98 | 1,64,17 | 1,55,75 | 34,23 | 1,89,98 | 1,94,05 | 36,65 | 2,30,70 | 2,45,80 | 37,57 | 2,83,37 |

Under this activity is included the demand for the running of 129 Rural Family Welfare Centres. These Centres are the main services units to render the Family Welfare Services to the Rural masses which form a major part of the total population of the Punjab State. The table below gives the staff position.

TABLE—II

| Sr. No. | Designation | 1982-83 | 1983-84 |
|---------|-----------------------------------|---------|---------|
| 1. | Medical Officer | 128 | 129 |
| 2. | Family Welfare Extension Educator | 129 | 129 |
| 3. | Lady Health Visitor | 120 | 218 |
| 4. | Store Keeper-cum-Clerk | 129 | 129 |
| 5. | Family Welfare Field Workers | 480 | 480 |
| 6. | Auxiliary Nurse Midwife | 609 | 840 |
| 7. | Drivers | 73 | 74 |
| 8. | Voluntary Workers | 609 | 841 |
| 9. | Computer | 128 | 129 |
| | Total | 2,405 | 2,969 |

TABLE—III

| Rural | | 1982-83 (April 1982 to October, 1982) | | | | | | | | | | |
|---------|---------------|---------------------------------------|-----------------------------------|--------|---|------------------------------------|----------------------------------|-----------------------------------|--|-------|------------------------------------|------------------------------------|
| Sr. No. | Method | No. | Level of Performance Achievement | | | | Level of Performance Achievement | | | | Rate 1000 population Mid-year 1982 | Rate 1000 population Mid-year 1982 |
| | | | Per 1000 Population Mid-year 1981 | No. | Percentage achievement to annual level of performance | Rate 1000 population Mid-year 1981 | No. | Per 1000 population Mid-year 1982 | Percentage of achievement to population level of performance upto Oct., 1982 | | | |
| 1. | I.U.D. | 18,504 | 1.5 | 48,121 | 260.1 | 4.0 | 39,349 | 3.2 | 66,326 | 168.6 | 5.4 | |
| 2. | Sterilisation | 47,488 | 3.9 | 60,458 | 127.3 | 5.0 | 72,975 | 5.9 | 29,760 | 40.8 | 2.4 | |
| 3. | C.C>User | 72,786 | 6.0 | 94,147 | 129.3 | 7.8 | 90,145 | 7.3 | 49,737 | 55.2 | 4.0 | |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Urban Family Welfare Services .. | 4,63 | 1,41 | 6,04 | 12,20 | 1,95 | 14,15 | 12,31 | 2,08 | 14,39 | 20,26 | 2,09 | 22,3 |

TABLE—IV

| Sr. No. | Designation | 1982-83 | 1983-84 |
|---------|-----------------------------------|---------|---------|
| 1. | Medical Officers | 6 | 12 |
| 2. | Family Welfare Extension Educator | 2 | 2 |
| 3. | Family Welfare Field Workers | 22 | 18 |
| 4. | Lady Health Visitors | 12 | 16 |
| 5. | Auxiliary Nurse Midwife | 28 | 30 |
| 6. | Clerks | 6 | 5 |
| 7. | Store-keeper-cum-Clerk | 6 | 6 |
| | Total | 82 | 89 |

Under the activity is included the demand for the running of Urban Family Welfare Centres which render Family Welfare Services to the masses of the Urban area of the Punjab State. Apart from this activity includes the amount as 100 per cent grant-in-aid to those bodies and Voluntary Organisation which run Urban Family Welfare Centres in the areas which have not been covered by the State Government. The table gives the staff position.

The table gives the achievement of the Urban Family Welfare Centres.

TABLE—V

| Sr. No. | Method | 1981-82 | | | | | 1982-83 (April, 1982 to October, 1982) | | | | |
|---------|---------------|----------------------------------|------------------------------------|--------|---|--------------------------------|--|------------------------------------|--------|--|---|
| | | Level of Performance Achievement | | | Level of Performance Achievement | | | | | | |
| | | No. | Per 1,000 Population Mid-year 1981 | No. | Percentage achievement to annual level of performance | Rate per 1,000 Population 1981 | No. | Per 1,000 Population Mid-year 1982 | No. | Percentage achievement to level of performance upto Oct., 1982 | Rate per 1,000 Population Mid-year 1982 |
| 1. | I.U.D. | 7,096 | 1.5 | 19,047 | 268.4 | 4.1 | 15,651 | 3.2 | 21,341 | 136.4 | 4.4 |
| 2. | Sterilisation | 18,212 | 3.9 | 14,892 | 81.8 | 3.2 | 29,025 | 5.9 | 8,265 | 28.5 | 1.7 |
| 3. | C.C. Users | 27,914 | 6.0 | 30,808 | 110.4 | 6.6 | 35,855 | 7.3 | 11,686 | 32.6 | 2.4 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Maternity and Child Health | 13 | .. | 13 | 8,00 | .. | 8,00 | 8,00 | .. | 8,00 | 8,00 | .. | 8,00 |

Under this activity the entire demand is meant for the Immunisation of Pre-School age children and expectant mothers. No staff has been employed under this activity. The medicines supplied by the Government of India and administered through the Hospitals, Dispensaries, Health Centres, etc.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------|-------------------|----------|---------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Transport | .. | 9,70 | .. 9,70 | 15,00 | .. | 15,00 | 15,00 | .. | 15,00 | 20,00 | .. | 20,00 |

Adiquate transport facilities are required for the success of the Family Welfare Programme. The provision under this activity covers the expenditure on the Vehicles meant for the State Family Welfare Bureau, 12 District Family Welfare Bureau, Family Welfare Training and Research Centres and the Rural Family Welfare Services.

The position of the Vehicles on road is as follows :—

TABLE—VI

| | As on 1st March | |
|---|-----------------|------|
| | 1982 | 1983 |
| 1. State Family Welfare Bureau | .. 2 | 2 |
| 2. District Family Welfare Bureau | .. 12 | 12 |
| 3. Health and Family Welfare Training Centres | .. 3 | 3 |
| 4. Rural Family Welfare Centres | .. 129 | 129 |
| 5. Post-Partum Centres | .. 18 | 18 |
| Total | .. 164 | 164 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Compensation | 1,39,39 | .. | 1,39,39 | 1,01,50 | .. | 1,01,50 | 2,45,85 | .. | 2,45,85 | 2,14,00 | .. | 2,14,00 |

Under this activity is covered the expenditure on account of incentive to be paid to the patient who undergo Vasectomy and I.U.D. insertion. In order to avoid hardship to the Family of the deceased who dies as a result of sterilisation, an amount of Rs. 5,000 is given as Ex-Gratia financial Assistance. The table indicates the percentage of eligible couple by Family Welfare methods :—

TABLE—VII

| | Work done upto the end of September, 1982 | Percentage of eligible couple effectively protected |
|---|---|---|
| | 1982-83 upto September, 1982 | 1982-83 upto September, 1982 |
| 1. I.U.D. | .. 9,00,818 | 6.2 |
| 2. Sterilisation | .. 7,79,182 | 21.1 |
| 3. Conventional Contraceptives Users April, 1982 to September, 1982 | 52,598 | 2.2 |
| | conventional Contraceptives do not have commulative effect. | |

The following table gives the idea of Family Welfare Level of performance achievement.

TABLE—VIII

| Sr. No. | Item | 1981-82 | | 1982-83 | | 1982-83(April, 1982 to December, 1982) | | | | | | |
|---------|-----------------------------------|----------------------|---|----------------------------------|---|--|--|-----|--|-------|--|------------------------------|
| | | Level of performance | | Achievement level of performance | | Achievements | | | | | | |
| | | No. | Rate per 1,000 population Mid-year 1981 | No. | Percentage achievement to annual level of performance | No. | Rate of 1,000 population Mid-year 1982 | No. | Rate of 1,000 population Mid-year 1982 | No. | Percentage achievement to proportionate level of performance | Rate per 1,000 Mid-year 1982 |
| 1. | I.U.D. | .. 25,600 | 1.5 | 67,168 | 262.4 | 4.0 | 55,000 | 3.2 | 1,00,506 | 243.7 | 5.8 | |
| 2. | Sterilisation | .. 65,700 | 3.9 | 75,350 | 114.7 | 4.5 | 1,02,000 | 5.9 | 70,951 | 92.7 | 4.1 | |
| 3. | Conventional Contraceptives Users | .. 1,00,700 | 6.0 | 1,24,955 | 124.1 | 7.4 | 1,26,000 | 7.3 | 77,869 | 82.4 | 4.5 | |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Other Services and Supplies | 21,63 | 1,23 | 22,86 | 46,48 | 2,71 | 49,19 | 48,40 | 2,34 | 50,74 | 54,44 | 2,93 | 57,37 |

This activity covers the demand for the running of 18 Post-partum Centres established in the Medical College, Amritsar, Patiala and Faridkot/Lady Dufferin Hospital Patiala, Civil Hospital Jalandhar, Hoshiarpur, Ludhiana, Bhatinda, Ferozepur, Kapurthala, Gurdaspur, Sangrur, Faridkot, Nabha, Phagwara and Fazilka and Ropar. 100 per cent grant-in-aid is also given to those voluntary Organisation which run post-mortem Centres viz. Maternity Hospital, Ludhiana, Christian Hospital and college and Daya Nand Medical College, Ludhiana. This activity also covers the demand for the supply of contraceptives to be supplied by the Government of India in kind. Apart from the above the expenditure on account of the establishment of special tubectomy beds at A.P. Jain Hospital, Rajpura, is covered under this activity.

The following table indicates the staff position :—

TABLE-IX

| Serial No. | Designation | 1982-83 | 1983-84 |
|------------|--|---------|---------|
| 1. | Assistant Professor | 3 | 3 |
| 2. | Senior Medical Officer | 1 | 1 |
| 3. | Anaesthetist/Registrar | 3 | 3 |
| 4. | Anaesthetist | 3 | 3 |
| 5. | Medical Officers | 28 | 28 |
| 6. | Lecturers in Health and Family Welfare | 3 | 3 |
| 7. | Lecturers in Statistics and Demography | 3 | 3 |
| 8. | Senior Lecturer in Paediatrics | 3 | 3 |
| 9. | Lady Health Visitors | 14 | 14 |
| 10. | Family Welfare Field Workers | 14 | 16 |
| 11. | Staff Nurses | 1 | 11 |
| 12. | Auxiliary Nurse Midwife | 28 | 30 |
| 13. | Clerks | 2 | 17 |
| 14. | Projectionist | 4 | 4 |
| 15. | Projectionist-cum-Machanic | 8 | 10 |

| Serial No. | Designation | 1982-83 | 1983-84 |
|---------------|-----------------------------|---------|---------|
| 16. | Steno Typist | 4 | 4 |
| 17. | Drivers | 14 | 16 |
| 18. | Peon/Other Class IV | 8 | 9 |
| 19. | Operation Theatre Assistant | 10 | 10 |
| | | 154 | 188* |

The table given below the idea of Achievement :—

| Method | Final Information Direct Acceptors | | | | Indirect Acceptors | | | | Total Acceptors | |
|------------------|------------------------------------|-------------|------------|----------------------|--------------------|------------|----------------------|-------------|-----------------|--|
| | Level of Achievement | Achievement | | Level of Achievement | Achievement | | Level of Achievement | Achievement | | |
| | | No. | Percentage | | No. | Percentage | | No. | Percentage | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Sterilisation .. | 8502 | 4726 | 55.59 | 6386 | 8305 | 130.05 | 14888 | 13031 | 87.53 | |
| I.U.D. .. | 2188 | 3020 | 138.03 | 6386 | 8916 | 139.62 | 10762 | 13989 | 129.98 | |
| Others .. | 2188 | 2054 | 93.88 | | | | | | | |

1982-83 (Upto 30th September, 1982)

1982-83 (Upto 30th September, 1982)

| Level of Achievement | Direct Acceptor | | Level of Achievement | Indirect Acceptors | | Level of Achievement | Total Acceptors | |
|----------------------|--------------------|------------|----------------------|--------------------|------------|----------------------|--------------------|------------|
| | <i>Achievement</i> | | | <i>Achievement</i> | | | <i>Achievement</i> | |
| | No. | Percentage | | No. | Percentage | | No. | Percentage |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 4832 | 2784 | 57.61 | 3667 | 3343 | 91.16 | 8499 | 6127 | 72.09 |
| 1256 | 2817 | 224.28 | 3667 | 6600 | 179.98 | 6179 | 10017 | 162.11 |
| 1256 | 600 | 47.77 | | | | | | |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Mass Education | 679 | .. | 679 | 7,55 | .. | 7,55 | 7,55 | .. | 7,55 | 10,80 | .. | 10,80 |

MASS EDUCATION AND MEDIA ACTIVITIES DURING 1983-84

For the Voluntary acceptors of Family Welfare Programme, it is essential that the population in the reproductive age group and population, at the verge of entering in this age group should continuously be fed with educational and motivational inputs for the adopting of small Family norm in this connection, mass education and media activities for the year, 1983-84 will be carried on as follows:—

With a view to engineering a strong public opinion in favour of the Family Welfare Programme and to motivate the eligible couple for acceptance of actual Family Welfare Services, it is proposed to continue the motivational activities in the stage as follows:—

| | 4/83 | 5/83 | 6/83 | 7/83 | 8/83 | 9/83 | 10/83 | 11/83 | 12/83 | 1/84 | 2/84 | 3/84 | Yearly Targets |
|--|------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|----------------|
| 1. Broadcasts | .. | 50 | 50 | 50 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 50 | 760 |
| 2. Telecasts | .. | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 15 | 15 | 15 | 10 | 150 |
| 3. Item to be printed | .. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 |
| 4. Printed copies to be distributed (In thousand) | | 75,000 | 75,000 | 75,000 | 12,500 | 12,500 | 75,000 | | 12,500 | 12,500 | 12,500 | 75,10 | 12,500 |
| 5. O.L.O.T. Camps | .. | 100 | 100 | 100 | 150 | 150 | 100 | 150 | 150 | 150 | 100 | 100 | 1,500 |
| 6. Display | .. | 40 | 40 | 40 | 40 | 60 | 60 | 40 | 60 | 60 | 60 | 40 | 600 |
| 7. Exhibition Shows. | .. | 100 | 100 | 100 | 100 | 140 | 140 | 140 | 100 | 140 | 140 | 100 | 1,440 |
| 8. Song and Drama Shows | .. | 150 | 150 | 150 | 150 | 170 | 170 | 170 | 150 | 170 | 170 | 150 | 1,920 |
| 9. Films Shows | .. | 200 | 200 | 200 | 200 | 280 | 280 | 200 | 280 | 280 | 280 | 200 | 2,880 |
| 10. Slogans of Motor Vehicles | .. | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 6,000 |
| 11. Press Releases | .. | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 600 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Training Research and Statistics | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| | 13,61 | 2,58 | 16,19 | 45,46 | 1,73 | 47,19 | 44,12 | 1,78 | 45,90 | 24,03 | 1,82 | 25,85 |

The activity includes the amount required for the running of Health and Family Welfare Training Centre Kharar. In addition the expenditure on accounts of training of Dais has also been included.

During the year 1982-83 the Health and Family Welfare Training Centre Kharar organised in service training programme under Multipurpose Health Works Scheme, Health Guide Scheme and other trainings as directed by the Directorate from time to time. Two special course of two weeks duration each were specially organised for the training of MPW(F) Schools of the State under the Multipurpose Health Workers Scheme. The training centres also conducted field training programme for the bathe from the National Institute of Health and Family Welfare New Delhi.

As interstate Workshop organised by the NIHFW New Delhi for writing of manual for trainers of HFWTC was conducted at Kharar in the month of May, 1982. The participants from the State of Punjab, Rajasthan, Gujrat and Uttar Pradesh joined the Workshop.

The Training Centre was also involved in conducting Training New Assesment of the staff in the three districts of Bhatinda, Faridkot and Sangrur under the USAID programme. The survey was conducted by the faculty of this training centre and a report there on has since been completed.

The filed practice and demonstration area for various field training programmes was used in the Primary Health Centres of Ropar District as usual.

The following table shows the training achievement for the year 1982-83 up to February 1983.

| Category of Programme | Target | No. of actually trained |
|---|--------------------------------|-------------------------|
| M. O. S/I/C PHC 1/4 SHC | 30 | 22 |
| Trainers of MP W(F) School in the State | 40 | 38 |
| Personal under Health Guide Scheme | | |
| (1) S.M.O. | .. | .. |
| (2) M. O. | 300 | 297 |
| (3) B.E.E. | .. | .. |
| (4) H.A.(M) | .. | .. |
| (5) H.A.(F.E.) | .. | .. |
| District Training Team | 72 | 47 |
| Batches from NIHFW New Delhi from 29-8-82 to 4-9-82 | .. | 23 |
| Inter state Workshop for manual of H.F.W.T.C. | .. | 29 |
| TRG. Need Assesment in Bhatinda, Faridkot, Sangrur | 11-5-82 | .. |
| Foundation course in Management | 16-8-82 | 32 |
| Under USAID Programme | 20-8-82 | .. |
| Training under 20 point Programme | 3 Batches of S.M.O. I/C P.H.C. | |

The training centre continued to provide Guidance to PHC/District Training Programme during the year.

During the year 1983-84, the following targets of training are proposed :—

| | | |
|---|----|-------------------------|
| M. O's, P.H.C./S.H.C. etc. | .. | 90 |
| Trainers of MPW School in the State (end course) | .. | 40 |
| Communication Newly Assesment under USAID Programme | .. | April, 1983 onwards |
| Management Need Assesment under USAID programme | .. | Time not decided so far |
| Training under H.G. Scheme at the District Level | .. | Ditto |

TABLE—XI

Training of staff under USAID programme has also to be undertaken during the year as soon as the strategy/Mannual for this training are finalised.

Additional training programme on direction from the Directorate shall be under taken as and when instruction are received,

The batches from NIHF New Deriothey National Institute shall be given field Training as per the ir calendars of achivement.

Staff Position

| Serial No. | Name of Category | Sanction strength | Staff in position |
|------------|------------------------------------|-------------------|-------------------|
| 1. | Principal | 1 | 1 |
| 2. | M. L. C. D. | 1 | 1 |
| 3. | Health Education Instructor | 1 | 1 |
| 4. | Statistical Officer | 1 | Nil |
| 5. | Social Science Instructor | 1 | 1 |
| 6. | Public Health Nurse Instructor | 1 | Nil |
| 7. | Artist-cum-Photographer | 1 | 1 |
| 8. | Projectionist | 1 | 1 |
| 9. | Laboratory Technician | 1 | 1 |
| 10. | Health Education Extension Officer | 4 | 4 |
| 11. | Deputy Superintendent | 1 | 1 |
| 12. | Accountant-cum-Storekeeper | 1 | 1 |
| 13. | Clerk | 1 | 1 |
| 14. | Steno-Typist | 1 | 1 |
| 15. | Computer | 1 | 1 |
| 16. | Drivers | 3 | 3 |
| 17. | Class IV | 7 | 7 |
| | | 28 | 26 |

The information regarding training of Dais during the year 1983-84:—

| Year | Target | Achievement |
|---------|--------|---|
| 1981-82 | 4,000 | 3,198 |
| 1982-83 | 3,432 | 1006 upto 31st October 1982 (Target likely to be achieved by 31st March 1983) |
| 1983-84 | 2,000 | Provision for trained 2000 has been made in the S.N.E. 1983-84. |

The activity includes the amount required for the running of A. N. M. Training School Civil Hospital, Hoshiarpur, Moga, Bhatinda, Gurdaspur, Sangrur and Nangal. The additions for the expenditure on account of training of A. N. M. has also been included. The following table indicates the staff position.

TABLE —XII

| | | |
|------------------------------|----|----|
| 1. Nursing Officer | .. | 6 |
| 2. Public Health Nurse | .. | 24 |
| 3. Sister Tutors | .. | 18 |
| 4. Senior Sanitary Inspector | .. | 6 |
| 5. Assistant | .. | 2 |
| 6. Warden/House Keeper | .. | 3 |
| 7. Clerks | .. | 4 |
| 8. Driver | .. | 6 |
| 9. Domestic Staff | .. | 48 |

117

The provision under this activity includes in the demand of the Public Work Department which execute the work. The expenditure and the building is for the following purpose.

TABLE—XIII

The provision under this activity includes in the demand of Public Work Department which execute the work. The expenditure on the building is for the following purpose—

| | (Rs. in lakhs) |
|--|----------------|
| 1. Construction/Completion of the buildings for rural family Welfare Centres at PHCs .. | 80.00 |
| 2. Construction of operation theatre at PHCs .. | 5.00 |
| 3. Construction of building under the post partum programme .. | 3.00 |
| 4. Construction of second and third Phase quarters at Health and Family Welfare Training Centres, Kharar | 2.00 |
| 5. Completion/Construction of buildings for ANMS training School and PHCS Annexes | 12.00 |
| 6. Establishment of MPW (Male) Training School at Health and Family Welfare Training Centre, Kharar .. | 10.00 |
| 7. Establishment of Additional MPW (Male) training School during 1983-84 .. | 30.00 |
| 8. Construction of Buildings USAID Assisted Area Project .. | 200.14 |
| Total | 342.14 |

FOOD AND SUPPLIES DEPARTMENT

I—Introduction

The Food and Supplies Department functions in the State with the aim of ensuring equitable distribution of various essential commodities to the consumers at reasonable prices. In discharge of these functions, it also enters in the market for the procurement of various kinds of foodgrains for the Provincial Reserve as well as for the Central Pool.

2. The Department is headed by a Director, who is also a Joint Secretary to Government, Punjab. He is assisted by Deputy Secretary, Additional Director, Joint Directors, Under Secretary Administration, Deputy Directors and other officers and the staff at Headquarters. The Department has a well organised Accounts Wing under the charge of Controller Food Accounts assisted by the Deputy Controller, Accounts Officer and other supporting staff.

3. The State is divided in three main Divisions for purpose of departmental activities. Each division is under the charge of a Deputy Director (Field) with Headquarters at Jalandhar, Patiala and Ferozepur. At each District Headquarters, the department is represented by a District Food and Supplies Controller. In a few large districts, such as Amritsar, Ludhiana, Patiala, Sangrur and Jalandhar, there is one Additional District Food and Supplies Controller also. These officers are assisted by District, Food and Supplies Officers, Assistant Food and Supplies Officers, Inspectors, Sub-Inspectors on the executive side. In addition, ancillary technical and ministerial staff such as 'Head-Analyst, Junior Analyst, Superintendent Grade-II and IV on general side and, Senior Auditors, Accountants, Junior Auditors Clerks etc. have been provided on accounts side in the office of each District Food and Supplies Controller in the State.

Executive Powers of the Department

The Department has been vested with executive powers under the various Control Orders issued under the Essential Commodities Act and other Acts, which are mentioned below:—

1. The Punjab Sugar, Khandsari and Gur Dealers Licensing Order, 1978.
2. The Punjab Pulses Dealers Licensing Order, 1977.
3. The Punjab Edible Oil Seeds and Edible Oil Dealers Licensing Order, 1977.
4. The Punjab Foodgrains Dealers Licensing and Price Control Order, 1978.
- 4-A. The Punjab Wheat Dealers Licensing Control Order, 1982.
5. Punjab Rice Procurement Price Control Order, 1968.
6. Punjab Rice Procurement Levy Order, 1958.
7. Punjab Rice Bran (Distribution Price Control) Order, 1978.
8. The Rice Milling Industry Regulation Rules, 1959.
9. The Rice Milling Regulation Act, 1958.
10. The Punjab Control of Bricks Supply Order, 1972.
- 10-A. The Punjab Bricks (Price and Distribution Control) Order, 1976.
11. The Punjab Light Diesel Oil and Kerosene (Dealers and Licensing) Order, 1978.
12. The Punjab Cement (Licensing and Control) Order, 1978.
13. The Punjab Cycle Tyres and Tubes Control Order, 1959.
14. The West Punjab Conservation of Firewood (Restriction on consumptions in Factories and Kilns) Order, 1949.
15. The Punjab Coal Control Order, 1973.
16. The Punjab Food Economy and Cement Control Order, 1972.
17. The Punjab Commodities Price Marketing and Display Order, 1972.
18. The Punjab Scheduled Articles (Price Control) Order, 1977.
19. The Punjab Hoarding and Profiteering Prevention Order, 1977.
20. The Wheat Roller Flour Mills (Licensing and Control) Order, 1957.
21. The Punjab Food Economy to Guest Control Order, 1972.

In order to facilitate the operation of the above mentioned Control Order, powers have been delegated to various officers, within the Department for implementing these orders and to ensure reregulated supply of essential items of consumption such as Wheat Atta, Pulses, Kerosene Oil, Sugar, Rice, Cement, Coal, Petrol, Bricks, Vanaspati Ghee to the consumers at reasonable price.

| | | Accounts, 1981-82 | | |
|---|---|-------------------|------------|---------------|
| | | Plan | Non-Plan* | Total |
| A—Programme/Activity Classification | | | | |
| 1 | Direction and Administration | .. | 3,58,21 | 3,58,21 |
| 2 | Procurement and Supply under Provincial Reserve Scheme | .. | 2,55,64,06 | 2,55,64,06 |
| 3 | Consumer subsidy scheme | .. | 2,56,71 | 2,56,71 |
| 4-A | Construction of godowns | 1,00 | .. | 1,00 |
| 4-B | Acquisition of land for open complexes | 1,89 10,50 | .. | 1,89 10,50 |
| 5 | Payment of wheat Bonus to farmers | .. | 2,09 | 2,09 |
| 6 | Share of Punsup | 10,00 | .. | 10,00 |
| 7 | Total-A | 23,39 | 2,61,81,07 | 2,62,04,46 |
| B. Objectwise Classification | | | | |
| 1 | Salaries on Provincial Reserve Scheme | .. | 1,98,36 | 1,98,36 |
| 2 | Salaries | .. | 1,05,88 | 1,05,88 |
| 3 | Wages | .. | 4 | 4 |
| 4 | Travel Expenses | .. | 5,90 | 5,90 |
| 5 | Office Expenses | .. | 39,28 | 39,28 |
| 6 | Payment of Professional and Special Services | .. | .. | .. |
| 7 | Rent Rates and Taxes | .. | 5,57 | 5,57 |
| 8 | Publication | .. | .. | .. |
| 9 | Motor Vehicles | .. | 2,42 | 2,42 |
| 10 | Machinery and Equipment | .. | 2 | 2 |
| 11 | Other Charges | .. | 74 | 74 |
| 12 | Medical Reimbursement | .. | .. | .. |
| 13 | Decretal | .. | .. | .. |
| 14 | Expenses on consumer subsidy | .. | 2,56,71 | 2,56,71 |
| 15 | Expenses on bonus to farmers | .. | 2,09 | 2,09 |
| 16 | Procurement and supply expenses | .. | 2,55,64,06 | 2,55,64,06 |
| 17 | Expenses on construction of godowns | 1,00 | .. | 1,00 |
| 18 | Acquisition of land for open complexes | 1,89 1,050 | .. | 1,89 10,50 |
| 19 | <i>Ad-hoc</i> provision on A/C of salaries for seasonal staff | .. | .. | .. |
| 20 | Share of Punsup | 10,00 | .. | 10,00 |
| | Total-B | 23,39 | 2,61,81,07 | 2,62,04,46 |
| C—Sources of Financing Demand No. 28 | | | | |
| A— | Major Head 288—Social Security and Welfare (A) Civil Supply | .. | 3,88,13 | 3,88,13 |
| B— | Major Head 309—Food | 1,00 | 2,09 | 3,09 |
| C— | Major Head 509—Capital Outlay on Food | 22,39 | 2,57,90,85 | 2,58,13,24 |
| | Total—C | 23,39 | 2,61,81,07 | 2,62,04,46 |

REQUIREMENTS

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|------------|------------|----------------------------|------------|------------|---------------------------|------------|------------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| .. | 3,06,50 | 3,06,50 | .. | 4,02,92 | 4,02,29 | .. | 3,36,27 | 3,36,27 |
| .. | 3,43,56,43 | 3,43,56,43 | .. | 3,39,54,87 | 3,39,54,87 | .. | 3,72,28,45 | 3,72,28,45 |
| .. | 4,45,00 | 4,45,00 | .. | 1,97,00 | 1,97,00 | .. | 2,50,00 | 2,50,00 |
| 9,00 | .. | 9,00 | 9,00 | .. | 9,00 | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | 10 | 10 |
| .. | .. | .. | .. | .. | .. | 10,00 | .. | 10,00 |
| 9,00 | 3,51,07,93 | 3,51,16,93 | 9,00 | 3,45,54,79 | 3,45,63,79 | 10,00 | 3,78,14,82 | 3,78,24,82 |
| .. | 1,83,99 | 1,83,99 | .. | 2,46,77 | 2,46,77 | .. | 2,01,61 | 2,01,61 |
| .. | 88,31 | 88,31 | .. | 1,25,19 | 1,25,19 | .. | 1,01,47 | 1,01,47 |
| .. | 13 | 13 | .. | 13 | 13 | .. | 13 | 13 |
| .. | 5,90 | 5,90 | .. | 5,90 | 5,90 | .. | 6,20 | 6,20 |
| .. | 9,97 | 9,97 | .. | 11,97 | 11,97 | .. | 10,47 | 10,47 |
| 1 | 1 | 1 | .. | 1 | -1 | .. | 1 | 1 |
| .. | 6,24 | 6,24 | .. | 5,15 | 5,15 | .. | 6,24 | 6,24 |
| .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| .. | 4,95 | 4,95 | .. | 5,85 | 5,85 | .. | 5,20 | 5,20 |
| .. | 17 | 17 | .. | 12 | 12 | .. | 17 | 17 |
| .. | 2 | 2 | .. | .. | .. | .. | 2 | 2 |
| .. | 5,00 | 5,00 | .. | 5,00 | 5,00 | .. | 2,94 | 2,94 |
| .. | 1,80 | 1,80 | .. | 1,80 | 1,80 | .. | 1,80 | 1,80 |
| .. | 4,45,00 | 4,45,00 | .. | 1,97,00 | 1,97,00 | .. | 2,50,00 | 2,50,00 |
| .. | .. | .. | .. | .. | .. | .. | 10 | 10 |
| .. | 3,43,56,43 | 3,43,56,43 | .. | 3,39,54,87 | 3,39,54,87 | .. | 3,72,28,45 | 3,72,28,45 |
| 9,00 | .. | 9,00 | 9,00 | .. | 9,00 | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | 10,00 | .. | 10,00 |
| 9,00 | 3,51,07,97 | 3,51,16,93 | 9,00 | 3,45,54,79 | 3,45,63,79 | 10,00 | 3,78,14,82 | 3,78,24,82 |
| .. | 5,43,52 | 5,43,52 | .. | 3,34,87 | 3,34,87 | .. | 3,62,12 | 3,62,12 |
| 9,00 | .. | 9,00 | 9,00 | .. | 9,00 | .. | 10 | 10 |
| .. | 3,45,61,41 | 3,45,61,41 | .. | 3,42,19,92 | 3,42,19,92 | 10,00 | 3,74,52,60 | 3,74,62,60 |
| 9,00 | 3,51,07,93 | 3,51,16,93 | 9,00 | 3,45,54,79 | 3,45,63,79 | 10,00 | 3,78,14,82 | 3,78,24,82 |

II—Explanation of Financial Requirements

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Direction Administration | — | 3,58,21 | 3,58,21 | — | 3,06,50 | 3,06,50 | — | 4,02,92 | 4,02,92 | — | 3,30,27 | 3,30,27 |

The Food and Supplies Department is headed by the Director, Food and Supplies, Punjab, who is Joint Secretary to Government Punjab, as well. Among the next Senior Officers there is Deputy Secretary, Additional Director, and Under-Secretary Administration in PCS Scales. Besides, there are three Joint Directors. Three Deputy Directors, One Administrative Officer, One Controller, Food Accounts, One Deputy Controller Food Accounts, Four Accounts Officers and Assistant Accounts Officer and six Assistant Directors, They are assisted by Superintendents Grade-I and III, Technical Assistants Senior Auditors, Assistants, Junior Auditors, Senior Clerks, Clerks etc. The District Food Supplies, Controllers are assisted by District Food and Supplies Officers, Assistant Food and Supplies Officers, Inspectors, Sub-Inspectors on executive side. Head Analyst, Junior Analysts on Laboratory side, Superintendents Grade-II and IV of general side and Senior Auditors, Junior Auditors and Accountants on the accounts side. The undernoted table shows the total strength of staff engaged for distribution of essential commodities and provincial Reserve Scheme.

TABLE-I

| Category | No. of posts sanctioned during 1982-83 | No. of posts sanctioned for the year 1983-84 |
|-----------|--|--|
| Class-I | 18 3 posts of Deputy Directors held in abeyance | 15 Two held in abeyance |
| Class-II | 93 One post of Movement Officer held in abeyance | 85 One post of Movement Officer held in abeyance |
| Class-III | 2,914 18 posts held in abeyance | 2,922 |
| Class-IV | 239 | 333 |
| Total | 3,264 | 3,355 |

TABLE II

The staff position engaged for procurement of foodgrains and Essential Commodities under Direction and Administration

| Category of Service | Head Office | | | | Circle Office | | | |
|---------------------|------------------------|--------------------------|-------------------------------|-------------------------------|------------------------|--------------------------|-----------------------------------|-------------------------------|
| | Essential No. of Posts | Commodities No. of Posts | Foodgrains No. of Posts | Procurement Work No. of Posts | Essential No. of Posts | Commodities No. of Posts | Foodgrain No. of Posts | Procurement Work No. of Posts |
| | 1982-83 | 1983-84 | 1982-83 | 1983-84 | 1982-83 | 1983-84 | 1982-83 | 1983-84 |
| Class I | 3 | 2 | 10 (One held in abeyance) | 9 | .. | .. | 3 (Two held in abeyance) | 3 |
| Class II | 5 | 2 | 16 (One held in abeyance) | 10 | 28 | 28 | 44 | 46 |
| Class III | 44 | 47 | 234 (Ten held in abeyance) | 240 | 1,059 | 1,059 | 1,577 (Eight held in abeyance) | 1,576 |
| Class IV | 9 | 9 | 46 | 46 | 30 | 20 | 154 | 258 |
| | 61 | 60 | 306 | 305 | 1,117 | 1,107 | 1,780 | 1,883 |

TABLE III

Showing the total strength at Head Office and Circle Offices and also total strength of the Department for Essential Commodities Work and Procurement of foodgrains

| Category of Service | Staff for | Staff for | Staff for | Staff for | Total Strength of the | |
|---------------------|-------------|----------------|------------|-------------|-----------------------|---------|
| | Commodities | Essential Work | Foodgrains | Procurement | Department | |
| | 1982-83 | 1983-84 | 1982-83 | 1983-84 | 1982-83 | 1983-84 |
| Class I | 3 | 2 | 15 | 12 | 18 | 14 |
| Class II | 33 | 30 | 60 | 56 | 93 | 86 |
| Class III | 1,103 | 1,106 | 1,811 | 1,816 | 2,914 | 2,922 |
| Class IV | 39 | 29 | 200 | 304 | 239 | 333 |
| | 1,178 | 1,167 | 2,086 | 2,188 | 3,264 | 3,355 |

FOOD AND SUPPLIES DEPARTMENT PUNJAB

INCREASE : = +

DECREASE = -

Statement showing the percentage Increase/Decrease in Average Rates of Essential Commodities as on 13th May, 1983 (Wholesale and Retail Rates except items Nos. 11, 15, 16, 18 to 20 and 22 are in quintal and kilogram)

| Serial No. | Commodities | Rates as on 14th May, 1982 | | Rates as on 6th May, 1983 | | Rates as on 13th May, 1983 | | Percentage Increase/Decrease in Rates on 13th May, 1983 as compared with 14th May, 1982 | | Percentage Increase/Decrease in Rates on 13th May, 1983 as compared with 6th May, 1983 | |
|------------|-----------------------------------|----------------------------|--------|---------------------------|--------|----------------------------|--------|---|--------|--|--------|
| | | Whole-sale | Retail | Whole-sale | Retail | Whole-sale | Retail | Whole-sale | Retail | Whole-sale | Retail |
| 1 | Wheat Mexican | 161 | 1.67 | 173 | 1.80 | 173 | 1.77 | +7 | +6 | .. | -2 |
| 2 | Atta Mexican | 175 | 1.80 | 207 | 2.20 | 202 | 2.15 | +15 | +14 | -2 | -2 |
| 3 | Sugar | 532 | 5.60 | 530 | 5.50 | 545 | 5.60 | +2 | .. | +3 | +2 |
| 4 | Rice Coarse | 220 | 2.45 | 245 | 2.50 | 262 | 2.70 | +19 | +10 | +7 | +8 |
| 5 | Rice Superior Grade-II | 455 | 4.92 | 507 | 5.42 | 450 | 5.75 | -1 | +17 | -11 | +6 |
| 6 | Maize | 180 | 1.97 | 180 | 2.07 | 190 | 2.07 | +5 | +5 | +5 | .. |
| 7 | Moong | 427 | 4.50 | 452 | 4.95 | 460 | 4.95 | +8 | +10 | +2 | .. |
| 8 | Urd | 370 | 4.02 | 490 | 5.12 | 480 | 5.15 | +30 | +28 | -2 | +0.5 |
| 9 | Kabli Gram | 537 | 5.87 | 565 | 6.00 | 540 | 6.00 | +0.5 | +2 | -4 | .. |
| 10 | Black Gram | 347 | 3.77 | 320 | 3.32 | 307 | 3.32 | -11 | -12 | -4 | .. |
| 11 | Vegetable Ghee | 241 | 14.87 | 239 | 15.00 | 239 | 15.25 | -0.8 | +25 | .. | +2 |
| 12 | Sarson Oil | 1,212 | 12.75 | 1,255 | 13.50 | 12.55 | 13.50 | +3 | +6 | .. | .. |
| 13 | Gur | 220 | 2.37 | 265 | 2.95 | 285 | 3.10 | +29 | +30 | +4 | +5 |
| 14 | Khandsari | 417 | 4.67 | 425 | 4.62 | 427 | 4.87 | +2 | +4 | +0.4 | +5 |
| 15 | K. Oil per litre | 1.89 | 1.91 | 1.99 | 2.02 | 2.02 | 2.03 | +7 | +6 | +1 | +0.5 |
| 16 | Long cloth 494 per metre | 5.87 | 6.87 | 5.70 | 7.25 | 6.25 | 7.25 | +6 | -6 | +10 | .. |
| 17 | Washing Soap Ord | 600 | 6.25 | 612 | 6.50 | 612 | 6.50 | +2 | +4 | .. | .. |
| 18 | Lux per cake | 1.93 | 2.01 | 2.04 | 2.17 | 2.04 | 2.17 | +6 | +8 | .. | .. |
| 19 | Lifebouy per cake | 1.91 | 1.98 | 2.04 | 2.10 | 1.87 | 2.10 | -2 | +6 | -8 | .. |
| 20 | Bread per piece | 1.20 | 1.45 | 1.35 | 1.60 | 1.35 | 1.60 | +12 | +10 | .. | - |
| 21 | Common Salt | 52.00 | 0.64 | 34.00 | 0.47 | 34.00 | 0.47 | -35 | -27 | .. | .. |
| 22 | Match Box per piece/ per dozen | 1.72 | 0.20 | 1.87 | 0.20 | 1.87 | 0.20 | +9 | .. | .. | .. |

Regulatory and Enforcement Measures

As regards the strengthening of the District Administrative apparatus to run the Public Distribution System, the State has got a highly efficient and effective organisation in the Food and Supplies Department. Each district is headed by Food Controller who functions under the directions of the Deputy Commissioner of the district. At the State Headquarters, there is one post of Assistant Director (F & S), who is supported by other staff.

During the year 1981, 5257 checking/raids were conducted by the Flying squad, 105 cases were registered with the police and 72 persons were arrested. In the year 1982, 4,407 checking/raids were conducted by the Flying Squad, 31 cases were registered with the police and 25 persons were arrested. Similarly during the year 1983 (upto 30th April, 1983) 614 raids were conducted, 8 cases were registered with the police and 20 persons were arrested.

In order to look after the interest of the consumers in the state and to get feed back information at the Government level for constant review of the policy regarding public Distribution System, 'Nigran Committees' have been reconstituted and re-activated to promote a strong consumer protection movement. Besides, this three special courts under the Essential Commodities (Special Provisions) Act, 1981, have been set up at all the three Divisional Headquarters with effect from 1st September, 1982 to deal with the anti-social elements.

Barriers of Food and Supplies Department

The Government have always been anxious to contribute maximum foodgrains for the central pool. Enabling to do so, Punjab Paddy and Rice (Export and Import) Control order, 1981, has been promulgated and Food and Supplies Department has set up Barriers along with the territories of neighbouring States and Union Territory, Chandigarh, to check the un-authorised movement of Paddy and Rice. It has also been decided to check un-authorised movement of wheat outside the State of Punjab.

(Rs in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|------------|---------------------------|----------|------------|----------------------------|----------|------------|---------------------------|----------|------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Procurement and Supply under Provincial Reserve Scheme .. | 2,55,64,06 | | 2,55,64,06 | 3,43,56,43 | | 3,43,56,43 | 3,39,54,87 | | 3,39,54,87 | 3,72,28,45 | | 3,72,28,45 |

Food and Supplies Department is running provincial Reserve Food Scheme with the subject of ensuring :—

- (i) Fair Price of the produce to growers in accordance with the policy of Government of India.
- (ii) Lifting of Marketed surplus of wheat and Contribution of foodgrains to Central pool.
- (iii) To hold price line of foodgrains by ensuring supply of grains to consumers at reasonable prices ; and
- (iv) Supply of Rice at reasonable rates to the consumers after procuring the same from Millers under levey orders.

For the achievement of the above objects the department have decided to purchase as usual 15 lakhs tonnes of wheat and 5 lakh tonnes of paddy during the year 1982-83.

TABLE V

According to the fixed targets the Department purchased 13,62,364 tonnes and 3,01,766 tonnes of wheat and paddy, respectively during the year 1981-82. Table No. VIII shows the quarterly achievement and expenditure incurred therefor :—

Statement showing the figures of procurement of Wheat, Paddy, Rice and Expenditure.

Table No. VIII

1. Procurement Figures in tonnes.
2. Expenditure in thousand Rupees.
3. Period April, 1981 to March, 1982.

| Serial No. | Commodity | Ist Quarter | | II Quarter | | III Quarter | | IVth Quarter | |
|------------|----------------------------------|-------------|------------|------------|---------|-------------|------|--------------|----------|
| | | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. | Pr °c. | Exp. |
| 1. | Wheat | 13,11,667 | 1,70,51,67 | 47,584 | 6,18,59 | 667 | 8,67 | 2,446 | 31,79 |
| 2. | P.R. Rice for local Distribution | .. | .. | .. | .. | .. | .. | .. | .. |
| 3. | Paddy | .. | .. | 10 | 12 | 3,01,2,16 | .. | 3,58,447 | 54,06,42 |

Performance in respect of procurement of Wheat and Rice

The Punjab Government in Food and Supplies Department has set before itself the following objectives in regard to the production and procurement of foodgrains :

- (i) To regulate the trade in foodgrains by licensing and otherwise.
- (ii) To chalk out policies for kharif and Rabi procurement and export of foodgrains.
- (iii) To purchase maximum marketed surplus of Wheat, Rice in order to contribute to Central pool.
- (iv) To give support to the prices of other foodgrains.
- (v) To open as many purchase centres as are required to facilitate the farmers to market their products near to their door steps.
- (vi) To make arrangement for efficient handling, grading and proper storage of grains so as to avoid wastage.
- (vii) To encourage industries connected with processing of Wheat, Paddy and Rice with a view to create more employment in the State.
- (viii) To purchase gunny bags in bulk for bagging the foodgrains purchased by Food and Supplies Department and also to meet the requirement of Markfed and Punsup.
- (ix) To utilise wheat for the constructions and maintenance of public works for the provision of rural infrastructure and creation of additional employment opportunities.

Wheat is the Chief Crop of the State and our economy depends upon it. Wheat is being procured under the price support Scheme. The Government of India has fixed Rs. 151.00 as support price for wheat for the Rabi marketing season 1983-84. The private dealers are free to purchase wheat arrivals in the market at a price higher than Rs. 151. per quintal. The wheat trade is being regulated under the Punjab Wheat Dealers (Licensing and Price Control Order, 1978). There are quantitative restrictions for wheat to be held by the licensees. There were no zonal restrictions on the movement of wheat during the year 1982-83.

GOVERNMENT OF PUNJAB

DEPARTMENT OF FOOD AND SUPPLIES

Statement showing the Final figures of a rivial/procurement of wheat during 1981-82

(Figures in Tonnes)

| District | Market arrival | Progressive purchase | | | | | | Total |
|------------|----------------|----------------------|----------|----------|----------|----------|-------|-----------|
| | | State | FCI | M. Fed | PSCSC | Traders | Othes | |
| Amritsar | .. 4,54,562 | 28,698 | 14,549 | 87,236 | 84,405 | 8,974 | .. | 4,54,562 |
| Bhatinda | .. 30,267 | 87,049 | 67,530 | 61,830 | 64,722 | 20,965 | 520 | 3,02,607 |
| Faridkot | .. 5,87,697 | 1,92,310 | 1,35,733 | 1,41,026 | 92,648 | 25,953 | .. | 8,75,670 |
| Ferozpur | .. 5,83,478 | 2,30,897 | 1,33,227 | 1,07,185 | 95,123 | 16,451 | 595 | 5,83,478 |
| Gurdaspur | .. 1,60,401 | 60,862 | 41,452 | 25,728 | 28,008 | 4,351 | .. | 1,60,401 |
| Hoshiarpur | .. 81,926 | 24,205 | 23,255 | 21,238 | 10,948 | 2,280 | .. | 81,926 |
| Jullundur | .. 2,62,754 | 85,035 | 64,991 | 54,017 | 57,795 | 4,342 | 2,524 | 2,62,754 |
| Kapurthala | .. 1,35,117 | 38,604 | 44,064 | 18,120 | 31,425 | 1,858 | 1,106 | 1,35,177 |
| Ludhiana | .. 4,50,718 | 1,62,914 | 1,18,439 | 53,234 | 73,783 | 41,484 | 864 | 4,50,718 |
| Patiala | .. 3,30,645 | 1,35,123 | 47,944 | 65,526 | 62,003 | 17,696 | 2,353 | 3,30,645 |
| Ropar | .. 36,103 | 11,763 | 5,131 | 5,334 | 8,566 | 5,296 | 13 | 36,103 |
| Sangrur | .. 5,54,710 | 2,04,863 | 1,25,103 | 1,06,427 | 1,01,596 | 16,693 | 28 | 5,54,710 |
| G. Total | .. 39,40,751 | 73,62,364 | 9,52,118 | 7,46,901 | 7,05,022 | 1,66,543 | 8,003 | 39,40,751 |

DISTRICT WISE ARRIVAL, PURCHASE AND
Statement showing the tentative Arrival, purchase and Rates
 (Figures in Tonnes and Rates Rs per quint)

| Distt/Rates | Day's Arrival | Day's purchase | | | | | | Total |
|-------------------------|------------------|----------------|-----------|------------|-------------|--------------|-----------|------------|
| | | State | FCI | M. Fed. | Pun- sup | Tra- ders | Other | |
| ASR/180 to 187 | 25 | .. | .. | .. | .. | 25 | .. | 25 |
| BTD/162 | 144 | .. | .. | .. | .. | 144 | .. | 144 |
| FKT/153 | 281 | .. | .. | .. | .. | 281 | .. | 281 |
| FZR | No arrival | | | | | | | |
| GPR | No arrival | | | | | | | |
| HPR | No arrival | | | | | | | |
| JULL | No arrival | | | | | | | |
| KPT/161 | 18 | .. | .. | .. | .. | 9 | 9 | 18 |
| LDH/190 | 181 | .. | .. | .. | .. | 171 | 10 | 181 |
| PTA | No arrival | | | | | | | |
| RPR/190 | 50 | .. | .. | .. | .. | 50 | — | 50 |
| SGR | No arrival | | | | | | | |
| Total/147 to 190 | 699 | .. | .. | .. | .. | 680 | 19 | 699 |

MENT

RATES OF WHEAT

of Wheat in Punjab during 1982-83

Position as on 31st March, 1983.

| Prog. Arrival | Progressive Purchase | | | | | | Total |
|------------------|----------------------|-----------|-----------|----------|---------|--------|-----------|
| | State | C.F.C.I. | M.Fed | PUNSUP | Traders | Others | |
| 4,45,994 | 1,19,134 | 1,23,616 | 1,07,585 | 88,278 | 7,381 | .. | 4,45,994 |
| 3,92,824 | 1,01,369 | 80,621 | 1,03,182 | 1,03,447 | 3,796 | 409 | 3,92,824 |
| 7,09,211 | 2,38,298 | 1,76,638 | 1,56,541 | 1,26,594 | 11,140 | .. | 7,09,211 |
| 6,69,407 | 2,27,480 | 1,78,350 | 1,44,355 | 1,16,879 | 2,343 | .. | 6,69,407 |
| 1,99,879 | 69,693 | 48,880 | 41,400 | 38,936 | 970 | .. | 1,99,879 |
| 1,13,571 | 27,261 | 41,400 | 30,179 | 13,890 | 841 | .. | 1,13,571 |
| 3,28,516 | 93,521 | 93,940 | 73,881 | 64,830 | 2,344 | .. | 3,28,516 |
| 1,64,186 | 37,005 | 5,985 | 29,781 | 34,155 | 2,353 | 907 | 1,64,186 |
| 5,86,708 | 1,78,021 | 15,332 | 80,523 | 1,20,597 | 21,259 | 976 | 5,86,708 |
| 5,48,012 | 1,91,546 | 95,002 | 1,41,649 | 1,16,438 | 3,179 | 198 | 5,48,012 |
| 54,882 | 14,828 | 10,373 | 13,860 | 12,853 | 2,969 | .. | 54,883 |
| 6,74,812 | 2,10,926 | 1,62,730 | 1,64,076 | 1,35,272 | 1,758 | 50 | 6,74,812 |
| 48,88,003 | 15,09,082 | 12,56,867 | 10,87,012 | 9,72,169 | 60,323 | 2,540 | 48,88,003 |

Rice is the other main crop in the State which is being procured under Punjab Rice Procurement (Levy) Order, 1958 at fixed percentage of levy from the licenced Millers, dealers of the State. At present the percentage of levy for common variety of rice is 90% and for Rice of super fine variety has been fixed at 75% of the total production of Rice and there is no levy on fine (basmati) variety of rice. The procurement price of levy rice are fixed by the Government of India from time to time. The rice procured during the last four years Kharif Crop year both in Central pool and provincial reserve are as under:—

TABLE VI

| Year | Central pool (in tonnes) | Provincial Reserve (in tonnes) |
|----------------------|--------------------------|--------------------------------|
| 1978-79 | 18,56,784 | .. |
| 1979-80 | 10,07,604 | .. |
| 1980-81 | 19,29,601 | .. |
| 1981-82 | 19,52,739 | .. |
| 1982-83 (24-5-83) | 19,89,170 | .. |

Besides there are Rice dealers licences, Huller Licences and sheller licences in the State for which renewal fee is Rs. 10 per licence. It is also expected that some new licences might be granted during the year 1983-84 for which the licence fee is Rs. 20 per licence. The estimated amount of Rs. 53,800 is expected to be realised on account of licence fee during the year. The following table would show the performance in respect of wheat/rice procurement and expenditure incurred therefore during 1982-83.

SUB-TABLE II

According to the fixed target the Department was required to purchase 15 lakhs tonnes of wheat, five lakhs tonnes of paddy. Nil tonnes of rice during the year 1982-83. The under noted table shows the quarterly achievement and expenditure incurred during the year 1982-83.

Statement showing the Estimate Figures in respect of procurement of wheat/paddy and Rice and Expenditure.

1. Procurement figures in tonnes.
2. Expenditure in thousand Rupees.

TABLE No. IX

| Serial No. | Commodity | Ist Quarter | | IInd quarter | | III quarter | | IV quarter | |
|------------|----------------------------------|-------------|------------|--------------|----------|-------------|----------|------------|----------|
| | | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. |
| | | Rs. | | Rs. | | Rs. | | Rs. | |
| 1 | Wheat | 14,00,000 | 1,96,00,00 | 75,000 | 10,50,00 | 15,000 | 2,10,00 | 10,000 | 1,40,00 |
| 2 | P.R. Rice for Local Distribution | .. | .. | .. | .. | .. | .. | .. | .. |
| 3 | Paddy | .. | .. | .. | .. | 4,00,000 | 52,00,00 | 1,00,000 | 13,00,00 |

SUB-TABLE III

The undernoted sub-table showing the Revised Estimates of procurement of wheat/paddy and Rice (Target) and Expenditure incurred therefore during the year 1982-83 against the Revised Estimate Target of 15,20,000 tonnes of wheat 3,50,000 tonnes of paddy and nil tonnes of Rice.

1. Procurement Figures in tonnes.
2. Expenditure in thousands Rupees.

SUB-TABLE-II

| Serial No. | Commodity | Ist quarter | | IInd quarter | | III quarter | | IV quarter | |
|------------|----------------------------------|-------------|------------|--------------|---------|-------------|----------|------------|---------|
| | | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. |
| | | Rs. | | Rs. | | Rs. | | Rs. | |
| 1. | Wheat | 14,64,354 | 2,07,93,83 | 41,119 | 5,83,89 | 3,309 | 46,99 | 10,918 | 1,55,04 |
| 2. | Paddy | 26 | 33 | 6 | 7 | 3,21,518 | 40,51,13 | 28,450 | 3,38,47 |
| 3. | P.R. Rice for Local Distribution | .. | .. | .. | .. | .. | .. | .. | .. |

SUB-TABLE IV

The Estimate target of Wheat, Rice and Paddy for the year 1983-84 are 15,00,000 tonnes of wheat 5,00,000 tonnes of paddy and Nil rice. The following table No. X shows the Estimated Figures and procurement of wheat and rice and expenditure incurred therefore.

1. Procurement figures in tonnes.
2. Expenditure in thousands Rupees.

Statements showing the Figures of procurement of wheat and expenditure therefore during the year 1983-84.

TABLE X

| Serial No. | Commodity | Ist quarter | | IInd quarter | | IIIrd quarter | | IV quarter | |
|------------|----------------------------------|-------------|-------------|--------------|------------|---------------|----------|------------|-----------|
| | | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. | Proc. | Exp. |
| | | Rs. | | Rs. | | Rs. | | Rs. | |
| 1. | Wheat | 14,00,000 | 21,56,00,00 | 75,000 | 1,15,50,00 | 15,000 | 2,31,00 | 10,000 | 15,40,00 |
| 2. | Paddy | .. | .. | .. | .. | 4,00,000 | 5,56,000 | 1,00,000 | 13,90,000 |
| 3. | P.R. Rice for Local Distribution | .. | .. | .. | .. | .. | .. | .. | .. |

Food for Works Programme now changed to National Employment Programme

The Government of India launched 'Food for Work Programme' for the utilisation of wheat/rice for the construction and maintenance of public works for the provision of rural infrastructures and creation of additional employment opportunities under this programme wheat/rice are supplied by the Government of India to the State Government without recovery of its cost out of the stocks held by the Food Corporation of India in the Central pool. The State Govt. has to utilise the wheat/rice on the payment of a part or entire wages of the labourer engaged on the execution of Govt. work under various schemes.

Wheat Bonus to Farmer

Since this Department could not clear the payment of wheat Bonus Scheme started during the year 1975-76, a provision of Rs. 9,000 was made in the Budget for the year 1979-80. Against this provision of Rs. 58,000 payment of Rs. 42,640 has been made during the year 1979-80, leaving a balance of Rs. 7,360. Since some bills to the sum of Rs. 9,550 are still pending with the department a provision of Rs. 10,000 has been made during the year 1983-84.

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (A) Construction of stores Godown Works | 1,00 | .. | 1,00 | 9,00 | .. | 9,00 | 9,00 | .. | 9,00 | .. | .. | .. |
| (B) Acquisition of land for open complexes | 12,39 | .. | 12,39 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total | 13,39 | .. | 13,39 | 9,00 | .. | 9,00 | 9,00 | .. | 9,00 | .. | .. | .. |

2. An outlay of Rs. 1,00 lacs was provided in the Annual Plan 1981-82 for the construction of one godown of 4,000 Tonnage capacity at Dhuri.

Anticipation acute shortage of Storage Accommodation, Govt. have decided to construct open plinths on the space lying vacant in Government owned godowns at various places in the State. No Budget provision has been made for the year 1982-83 for this purpose. During 1979-80 in addition to construction of open plinths there was a proposal to construct a godown at Dhuri. The estimate cost of construction of 4000 M. Tonnes capacity godown was Rs. 11 lacs in the year 1970-71 and it had gone upto 13 lacs. The construction work at Dhuri was started during 1970-71 but after it reached plinth level there was some dispute between the contractor and the Department of P.W.D. and the construction had remained suspended. Since then now the dispute has been settled and the work is going on the progress and expenditure about Rs. 5 lacs was incurred during 1979-80 and further provision of Rs. 5 lacs was made during 1980-81 and Rs. one lacs has been provided for the year 1981-82 for the completion of Dhuri godowns.

New Subsidy Scheme

New Subsidy Scheme has been introduced in the State w.e.f. 15th August, 1981 in order to cater to the needs of economically backward person belonging to a target group whose annual income is Rs. 3,600 including Class IV employees of the State Government, Public undertakings and Local Bodies etc. numbering about 9 lacs. Wheat Atta, Moong, Whole, whole Mash whole and R.B.D. Palm oil are being distributed to the eligible 'Target' Group at subsidised rates. The budget for the current year 1983-84 is Rs. 2.50 crore as compare to Rs. 4.45 crore during the last year 1982-83.

The following commodities are being distributed to the eligible consumers under the subsidy scheme at the Scales and rates detailed below:—

| Serial No. | Commodity | Scale | Rate |
|------------|-----------------|---|---|
| 1. | Wholemeal Atta | 10 Kg. per head per month for an adult 5 Kg. per head per month for a minor subject to a maximum of 80 Kg. per ration card per month. | Rs. 1.95 |
| 2. | Moong whole | 500 grams per head per month. Both the pulses can be drawn in aggregate of 500 grams. | Rs. 3.45 per kg. |
| 3. | Mash whole | Ditto | Rs. 3.75 per kg. |
| 4. | R.B.D. Palm Oil | 500 grams per head per month subject to a maximum of 2 Kg. per ration card | Rs. 10.25 per Kg. to General consumers and Rs. 9.60 to Yellow card holders. |

FISHERIES DEPARTMENT

[1. INTRODUCTION

In order to supplement agriculture with aquaculture and to reduce the gap between the availability and requirements of high quality protein, for subsidiary food at reasonable prices special attention will be given to augment fish production in the State. According to the survey conducted by the Fisheries Department, the State has considerable resources for fresh water fish culture. The length of the rivers is 1,830 km. and that of canals and distributaries is 13,445 km. The village-ponds and tanks suitable for fish culture have a total area of 3,100 hectares. In addition, there are 200 hectares of back water areas and 4,400 hectares of continuous strips of depressions along canals. The total impounded area available for fish culture adds up to 8,700 hectares. The large number of tube-wells and pump-sets make it possible to practise fish culture in dug ponds.

Fish culture Programmes have been introduced so far in an area of 850 hectares. Besides, with the introduction of cultural schemes of fish farmers development agencies at Gurdaspur, Jullundur, Amritsar and Ludhiana, additional 150 hectares of water area will be brought under fish culture. Thus the total requirements of fingerlings for continuing fish culture activities in 1,000 hectares area will be to the extent of 50 lakhs annually if stocked at 4,000 fingerlings per hectare. The production capacity of the existing six fish seed farms and eleven block nurseries which are still under construction, will be to the extent of 44 lakhs fingerlings annually. Therefore, to cover 1,000 hectares of water area and bring the remaining 2,100 hectares under intensive fish culture, the requirement of fingerlings will be to the extent of 1.55 crores annually. Naturally to produce this number of fingerlings more fish seed farms/nurseries have to be established in the State to utilise the existing pond area available in the State and to explore more area available in the form of Kallar Area swamps, abandoned canals strips kiln area and area available by the sides of the running canals and to replenish the fish stock of certain species in the rivers.

To solve the problem of shortage of fingerlings, more Fish Seed Farms/Nurseries will have to be established in the State.

Fish Farmers Co-operatives and Fishermen Co-operatives will be organised for availing N.C.D.C. assistance and to bring fish farming and fish trade under the fold of Co-operatives in order to eliminate the middlemen.

Fisheries Training Centres in the State have to play their own role of boosting fish culture in the State. The higher production of fish in other countries has been achieved because the villagers and fish farmers are well conversant with the preliminary techniques and know how of fresh water fish culture practices. But unfortunately in this state upto now, no effective steps were taken to trace out the factors which are responsible for low production. The Fisheries Department may do its utmost by rendering technical advice, etc. for increasing fish culture in the field but unless the villagers, panchayats, fish farmers and V.L.Ws. are themselves well conversant with the preliminaries of fish culture practices, after care of the stocked ponds and their proper management will be lacking. The technical advice rendered by the Department before and after stocking will not go along way to solve the proposition unless fish culture know-how is first made known to the beneficiaries. The only solution which is envisaged to solve this vital root cause bottleneck in the development of fish culture in the State, is that these beneficiaries must have training facilities in fish culture practices so that they become self-efficient and capable to tackle with their day to day problems which may arise before and after the stocking of the ponds. If fish culture is desired to be adopted by the Villagers, Panchayats, Fish Farmers and V.L. Ws. on the same footing as Agriculture it is of dire necessity that these agencies should be imparted short term training in important subjects of fish culture in ponds and tanks on the same analog as provided for Agriculture practices which will not only relieve them from being perpetual dependent for advice from the Fisheries Department but will also create incentive in their mind for adoption of fish culture. Therefore, it is very essential to open training centres in the State to impart training in fish farming and its management.

In addition to these Projects it is envisaged to avail Central assistance on centrally sponsored scheme from the Government of India in order to provide self-employment facilities to Scheduled Castes and weaker section, as also to provide the rural people with the nutritious food in order to protect their health and with the aim to uplift rural economic by way of providing employment opportunities for the scheduled castes and rural folk both from fisheries as well as from its ancillary industries.

Besides the above projects, it is also proposed to develop fisheries in Kandi Water Shed and Area Development Project both in A & B Phase by availing aid from the world Bank.

The total receipt of the department is estimated to be Rs. 2,545 lakhs during the year 1982-83.

The Director and Warden of Fisheries is the Head of the Department and he is assisted by two Deputy Directors, Fisheries One Planning Officer, Seven Assistant Directors, Fisheries, One Assistant Project Officer of Fisheries, Twelve District Fisheries Officers, One Fisheries Officer (Training) One Fisheries Officer (Extension) and 45 Fisheries Officers and other supporting field staff.

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|--------------|--------------|---------------------------|--------------|--------------|----------------------------|--------------|---------------|---------------------------|--------------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| A—programmes activity classification | | | | | | | | | | | | |
| (1) (a) Direction and Administration | 83 | 8,73 | 9,61 | 1,50 | 9,03 | 10,50 | 1,50 | 9,68 | 1,118 | 165 | 9,96 | 11,61 |
| (2) (b) Research | .. | 1,78 | 1,78 | 1,00 | 1,27 | 2,27 | .. | 1,35 | 1,35 | 1,00 | 1,07 | 2,07 |
| (3) (c) Education and Training | 1,46 | 48 | 1,94 | 2,75 | 48 | 3,23 | 2,25 | 48 | 2,73 | 2,50 | 72 | 3,22 |
| (4) (d) Inland Fisheries | 12,45 | 21,12 | 33,57 | 14,10 | 19,66 | 33,76 | 30,60 | 18,77 | 49,37 | 17,10 | 19,07 | 36,17 |
| (5) (e) Other Expenditure | 46 | .. | 46 | 65 | .. | 65 | 65 | .. | 65 | 75 | .. | 75 |
| (6) (f) Works | 18,60 | 5 | 18,65 | 26,00 | 5 | 26,05 | 52,38 | 5 | 52,43 | 33,00 | 5 | 33,05 |
| Total-A | 33,85 | 32,16 | 66,01 | 46,00 | 30,46 | 76,46 | 87,38 | 30,33 | 11,771 | 56,00 | 30,87 | 86,87 |
| B—Objectwise Classification | | | | | | | | | | | | |
| 1. Salaries | 1,50 | 27,17 | 28,67 | 4,03 | 24,62 | 28,65 | 2,56 | 24,43 | 26,99 | 5,25 | 25,51 | 30,76 |
| 2. Travel Expenses .. | 28 | 1,03 | 1,31 | 33 | 97 | 1,30 | 26 | 1,03 | 1,29 | 37 | 86 | 1,23 |
| 3. Office Expenses .. | 58 | 1,11 | 1,69 | 37 | 98 | 1,35 | 64 | 1,02 | 1,66 | 35 | 79 | 1,14 |
| 4. Wages | .. | 9 | 9 | .. | 10 | 10 | .. | 10 | 10 | .. | 11 | 11 |
| 5. Rent, Rates and Taxes | .. | 31 | 31 | .. | 27 | 27 | .. | 31 | 31 | .. | 32 | 32 |
| 6. Motor Vehicle .. | .. | 63 | 63 | 10 | 71 | 81 | 1,15 | 71 | 1,86 | 40 | 56 | 96 |
| 7. Maintenance | .. | 34 | 34 | .. | 36 | 36 | .. | 36 | 36 | .. | 35 | 35 |
| 8. Material and Supply .. | .. | 5 | 5 | .. | 5 | 5 | .. | 5 | 5 | .. | 1 | 1 |
| 9. Machinery and Equip- ment .. | 15 | 31 | 46 | 10 | 32 | 42 | 1,01 | 32 | 1,33 | 7 | 32 | 39 |
| 10. Subsidy .. | 3,20 | .. | 3,20 | 4,00 | .. | 4,00 | 10,00 | .. | 10,00 | 5,00 | .. | 5,00 |
| 11. Grant-in-aid | .. | 49 | 49 | .. | 65 | 65 | .. | 65 | 65 | .. | 65 | 65 |
| 12. Other Charges .. | 1,37 | 26 | 1,63 | 2,48 | 29 | 2,77 | 62 | 29 | 91 | 1,17 | 20 | 1,37 |
| 13. Other Charges (charged) .. | .. | 2 | 2 | .. | 31 | 31 | .. | 31 | 31 | .. | 31 | 31 |

Requirements,

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|--------------|--------------|---------------------------|--------------|--------------|----------------------------|--------------|---------------|---------------------------|--------------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 14. Scholarship and Stipend | 17 | .. | 17 | 42 | .. | 42 | 14 | .. | 14 | 30 | .. | 30 |
| 15. Works .. | 18,60 | 5 | 18,65 | 26,00 | 5 | 26,05 | 52,38 | 5 | 52,43 | 33,00 | 5 | 33,05 |
| 16. Fish Farmers Development Agency .. | 8,00 | .. | 8,00 | 8,00 | .. | 8,00 | 9,50 | .. | 9,50 | 10,00 | .. | 10,00 |
| 17. Liveries .. | .. | 30 | 30 | .. | 32 | 32 | .. | 32 | 32 | .. | 36 | 36 |
| 18. Medical Re-imbursment | .. | .. | .. | 17 | 46 | 63 | 12 | 38 | 50 | 9 | 47 | 56 |
| Total—B .. | 33,85 | 32,16 | 66,01 | 46,00 | 30,46 | 76,46 | 87,38 | 30,33 | 11,771 | 56,00 | 30,87 | 86,87 |

C—Sources of Financing

| | | | | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|
| 1. Demand No 31 (Major Head 312—Fisheries) .. | 15,25 | 32,11 | 47,41 | 20,00 | 30,41 | 50,41 | 35,00 | 30,28 | 65,33 | 23,00 | 30,82 | 53,82 |
| 2. Demand No. 40 Major Head 512—Capital Outlay on Fisheries .. | 18,60 | 5 | 18,65 | 26,00 | 5 | 26,05 | 52,38 | 5 | 52,43 | 33,00 | 5 | 33,05 |
| Total—C .. | 33,85 | 32,16 | 66,01 | 46,00 | 30,46 | 76,46 | 87,38 | 30,33 | 1,17,71 | 56,00 | 30,87 | 86,87 |

III—EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousand)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|-------------------------------------|------------------|----------|-------|--------------------------|----------|-------|---------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (a) Direction and Administration .. | .. | 8,73 | 8,73 | .. | 9,00 | 9,00 | .. | 9,68 | 9,68 | .. | 9,96 | 9,96 |

The Fisheries Department, Punjab has been organised at different levels. The head office is being controlled by the Director and Warden of Fisheries, Punjab who is assisted by different subordinate staff. The field Officers have been organised according to territorial jurisdiction for all purpose but for sponsored scheme. Each district is under the control of District Fisheries Officer. Over three Districts Fisheries Officer there is one Assistant Director Fisheries, who supervise the works. Assistant Director

Fisheries and Deputy Director, Fisheries are directly responsible to the Director and Warden of Fisheries Punjab. The District Fisheries Officer is, however, assisted by supporting staff in the field by Fisheries Officers according to the norm of work. The following is the summary of the staff :—

TABLE I

| | | 1981-82 | 1982-83 | 1983-84 |
|-----------|----|---------|---------|---------|
| Class I | .. | 2 | 2 | 2 |
| Class II | .. | 1 | 1 | 1 |
| Class III | .. | 30 | 30 | 30 |
| Class IV | .. | 48 | 48 | 48 |
| Total | .. | 81 | 81 | 81 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Strengthening of Staff at Headquarters and Sub-office | 88 | .. | 88 | 1,50 | .. | 1,50 | 1,50 | .. | 1,50 | 1,65 | .. | 1,65 |

The aim of this Plan Scheme is to strengthen the staff both at headquarters office and Sub-Office, with a view to stream line the working of the Department and to achieve the desired targets fixed under each of the other development Plan Schemes.

With the introduction of certain new Plan Schemes, work at the Headquarters Office has increased whereas no staff has been sanctioned for the headquarters Office under any of the New Plan Schemes. To get the desired targets fixed under various other development Plan Schemes achieved successfully and to further explore possibilities of extending Fish Development activities to the every nook and corner of the State, there is a great urgency and necessity that the headquarters office is strengthened with this end in view, certain posts have been asked for from the year, 1983-84.

TABLE-II

| | | 1981-82 | 1982-83 | 1983-84 |
|-----------|----|---------|---------|---------|
| Class I | .. | 1 | 1 | 1 |
| Class II | .. | .. | .. | .. |
| Class III | .. | 13 | 13 | 18 |
| Class IV | .. | .. | .. | .. |
| Total | .. | 14 | 14 | 19 |

(b)—Research

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| i) Research (Station-cum-Aquarium & Museum .. | .. | 94 | 94 | .. | 93 | 93 | .. | 98 | 98 | .. | 1,07 | 1,07 |

The Research Unit of the Department is located at Kapurthala and at present is engaged in production of fish seed of economical culturable species of fish both by induced breeding techniques and by breeding of mirror carp. The analysis of the soil of the site where nurseries and Fish Seed Farms which are to be established is also carried out at the Research Station. Cases concerning mortality of fishing the stocked ponds are also referred to this Research Station for remedial measures.

Development research is essential for undertaking various aspects of the productivity of water. No fisheries development programme can be satisfactorily implemented without being supported by and active Research Programme. The staff sanctioned under the scheme is to collect data regarding analysis of soil and water, control of parasite and diseases of spawn, fry and fingerlings at the fish seed farms and nurseries under its control. The following is the summary of the staff :—

TABLE III

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | 1 | 1 | 1 |
| Class III | 4 | 4 | 4 |
| Class IV | 6 | 6 | 6 |
| Total | 11 | 11 | 11 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Mobile Fisheries Field Laboratory .. | .. | .. | .. | .. | 34 | 34 | .. | 37 | 37 | .. | .. | .. |

Under this scheme two Mobile Fisheries Field Laboratories have been set up. These Mobile Laboratories are undertaking limonological studies to determine physical and biological conditions of water bodies are to be brought under fish culture to study their effect on fish growth and to control fish diseases, overcrowding of aquatic vegetation and to suggest measures for proper fertilisation and feeding. Besides, these are also to conduct soil analysis and tackle day-to-day problems of pond culture and suggest remedial measures to the fish farmers on the spot. These will also maintain growth rate of fish in the stocked water area and tagging techniques. The following is the summary of the staff :—

TABLE IV

| | | 1981-82 | 1982-83 | 1983-84 |
|-----------|----|---------|---------|---------|
| Class I | .. | .. | .. | .. |
| Class II | .. | 1 | 1 | 1 |
| Class III | .. | 5 | 5 | 5 |
| Class IV | .. | 2 | 2 | 2 |
| Total* | .. | 8 | 8 | 8 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for Mobile Fisheries Field Laboratory | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

This scheme has been dropped.

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Grant-in-aid to Punjab Agricultural University Ludhiana for Fisheries Education and Research | .. | .. | .. | 1,00 | .. | 1,00 | .. | .. | .. | 1,00 | .. | 1,00 |

During the year, 1982-83, it is proposed to start Research Programme at Punjab Agriculture University, Ludhiana for tackling following problems and to supply fingerlings of culturable species of Fish to the Fisheries Department free of costs:—(i) Effect of the residue of Gobar Gas for the fertilisation of fish pond, (ii) Control of Fish diseases by economical methods, (iii) Formulae for a balanced feed for fry/fingerlings and fishes of culturable species and its economical way of manufacture, (iv) Eradication of Predators with economical devices, other than the one in practice now, (v) How to manufacture dry Dephania for feeding the young fish in Nurseries, (vi) what should be the optimum doses of organic fertilisers per hectare of pond area per year, (vii) Breeding of Mahaseer.

The following is the summary of staff :—

TABLE V

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | 1 | 1 |
| Class III | .. | 2 | 2 |
| Class IV | .. | 1 | 4 |
| Total | .. | 3 | 7 |

(c) Education and Training.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Training of villagers/Panchayats, Fish Farmer and villages level workers etc. in fish culture practices .. | .. | 48 | 48 | .. | 48 | 48 | .. | 43 | 48 | .. | 33 | 33 |
| Mobile Fisheries Field Laboratory | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 39 | 39 |

Under this scheme, necessary short term training in fish culture practices is being imparted to Panchayats, fish farmers, villagers and village level workers, etc. at the Training Centre at the Fish Seed Farm Hayat Nagar (Gurdaspur) and Birshikargah (Kapurthala). During the year, 1981-82 452 fish

farmers were imparted training in fish farming and its management. During the Current financial year, it is envisaged to training to 720 more fish farmers. A target of 720 persons to be trained during the year, 1983-84 has been fixed. The following is the summary of the staff :—

TABLE VI

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | 2 | 2 |
| Class IV | .. | .. | .. |
| Total | .. | 2 | 2 |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|---|---------------------|----------|-------|-----------------------------|----------|-------|------------------------------|----------|-------|-----------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Creation of Information and Extension Division .. | 87 | .. | 87 | 2,00 | .. | 2,00 | 1,79 | .. | 1,79 | 2,00 | .. | 2,00 |

Information and Extension Division

Keeping in view the need of Extension work for Fisheries Development activities, Government of India sanctioned four Units of Extension for the Fisheries Department, Punjab and necessary equipments and publicity material for these four Units was also provided. But the State Government has sanctioned only one Unit. It is well established fact that in the modern times, to implement any development programme, publicity of the progress, through press, leaflets pamphlets, posters, charts and Audio-visual means is of great importance and dire necessity to apprise the people about the basic fish-culture practices to be adopted according to the environmental conditions prevalent from place to place in the State. For instance, the interested fish farmer must know the technique of improvement of ponds the species of fish which they should select for stocking and the source from which they should select for stocking and the source from which they should select for stocking and also know the methods of eradication of predators and weeds, manuring and fertilisation, harvesting of fish crop and arranging its marketing etc. In addition to this, they are required to be apprised about the day-to-day improvement in these techniques which are experienced by the Department according to the location of pond. The detailed programme of different Fisheries Schemes introduced by the Department for the expansion and development of fisheries in the State will also be made known to the masses through wide publicity and by showing fishing films on different subjects of pond culture in order to create incentive and to utilise every inch of suitable available water area of the State for fish culture practices.

During the year 1981-82 223 film shows were given in different Villages of the State besides Printing of booklets, Bulletins, folders and handbills etc. During the Current Financial Year (1982-83) 129 (upto 31st March, 1983) film shows will be given besides printing of booklets, Bulletin, folders and handbills etc. During the next year (1983-84) 720 film shows will be given besides arranging of exhibition Printing and distribution of booklets, folders and handbills etc.

The following is the summary of the staff :—

TABLE VIII

| | | 1981-82 | 1982-83 | 1983-84 |
|-----------|----|---------|---------|---------|
| Class I | .. | .. | .. | .. |
| Class II | .. | .. | .. | .. |
| Class III | .. | 5 | 5 | 19 |
| Class IV | .. | 1 | 1 | 9 |
| Total | .. | 6 | 6 | 28 |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|------------------------------------|------------------|----------|-------|--------------------------|----------|-------|---------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Training of Fisheries personnel .. | 59 | .. | 59 | 50 | .. | 50 | 46 | .. | 46 | 50 | .. | 50 |

It is essential to have trained personnel in Fisheries techniques for the proper implementation of the scheme formulated for fisheries development during the Sixth Five Year Plan.

During the year 1981-82 four officers were got trained at Barrackpore and three Field staff at Agra. In the year 1983-84, it is proposed to train one officer at the Central Institute of Fisheries Education Bombay and four Fisher Officers will be got trained from the Central Fisheries Research Institute, Barrackpore (Calcutta). Besides training of four Fishermen /Field Assistants from the Regional Training Centre at Agra in Inland Fisheries Operatives. The following is the summary of the staff. :—

TABLE VIII

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | .. | .. |
| Class IV | .. | .. | .. |
| Total | .. | .. | .. |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|--|---------------------|-------------|-------|-----------------------------|--------------|-------|------------------------------|--------------|-------|-----------------------------|--------------|-------|
| | Plan | Non- lan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Training in Fishing and in Fishing crafts and Gear | .. | .. | .. | 25 | .. | 25 | .. | .. | .. | .. | .. | .. |

This Scheme has been dropped for the year 1981-82

(d) Inland Fisheries

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|--------------------------------|---------------------|--------------|-------|-----------------------------|--------------|-------|------------------------------|--------------|-------|-----------------------------|--------------|-------|
| | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (1) Intensification of fish | | | | | | | | | | | | |
| Production | .. | 3,08 | 3,08 | .. | 3,86 | 3,86 | .. | 3,26 | 3,26 | .. | 3,26 | 3,26 |

This is a Scheme to intensify fisheries development activities in the selected community development blocks as sponsored by the Government of India under the Third Plan according to the Pattern fixed by the Government of India the cost of staff under the scheme is being met by the Fisheries Department. Accordingly the outlay provided under this scheme represents the cost of the staff only under the scheme one Fisheries Officer incharge of each Block. By the end of Fourth Plan, fish culture activities were extended to 24 community development blocks in the State under this programme. About 480 hectares of water area is to be kept under fish culture in community development blocks at the rate of 20 hectares per block. The fish produced from these waters goes to the owners of the water area or the panchayat Samiti concerned and no income actually accrues to Government. However, the Department supplies fish seed to them at the rate fixed by the Government and the amount realised is credited to the Government account. In order to stimulate the interest of villagers in pisciculture every year necessary funds in the form of grant-in-aid are being provided under this scheme for the renovation of village ponds and tanks by the Fisheries Department.

The amount of grant-in-aid ultimately placed at the disposal of various Panchayat Samities in the State through the State Development and Panchayat Department for their utilisation on the renovation of village ponds and tanks through the Superintending Engineers, Panchayati Raj. The Fisheries Department in the State extends necessary technical advice to the Block Development and Panchayat Officers in the Selection of suitable ponds for renovation with a view to utilise the same for pisciculture. During the year 1981-82 a sum of Rs. 33,000 was utilised on the renovation of village ponds in the State as grant-in-aid. During the financial year (1982-83 a sum of Rs. 33,000 will be utilised

on the renovation of village ponds. For the year 1983-84 also, a sum of Rs. 33,000 has been provided as grant-in-aid for the purpose. The following is the summary of the staff.

TABLE IX

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | 21 | 21 |
| Class IV | .. | .. | .. |
| Total | .. | 21 | 21 |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|-----------------------------|---------------------|----------|-------|-----------------------------|----------|-------|------------------------------|----------|-------|-----------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Stocking of of Fish seed | .. | 3,66 | 3,66 | .. | 3,62 | 3,62 | .. | 3,84 | 3,84 | .. | 4,18 | 4,18 |

This is a composite scheme for stocking of Fish Seed in a large number of impounded waters in the State and about 100 hectares area of impounded water has brought under fish culture which are stocked and restocked every year for increased fish production. The Fisheries Department charges the price of fish seed supplied to the fish farmers at the rate fixed by the Government and the amount realised is credited to the Government account. The fish produced from these waters goes to owners of the water areas or the Panchayat Samitis concerned and no income actually accrues to Government. The following table shows the supply of fish seed to the fish farmers for stocking the village ponds :—

| | 1981-82 | 1982-83 | 1983-84 |
|---------------------------------|---------|----------|----------|
| Number of fish seed distributed | .. | 1,20,000 | 1,20,000 |

In order to stimulate interest of villagers in pisciculture every year necessary funds in the form of grant-in-aid are being provided under this scheme for the renovation of village ponds and tanks. The amounts of grant-in-aid ultimately placed at the disposal of various Panchayat Samitis in the State through

the State Development and Panchayat Department for utilisation on the renovation of village ponds and tanks through the Superintending Engineer Panchayati Raj. The Fisheries Department in the State extends necessary technical advice to the Block Development authorities in the selection of suitable ponds for renovation with a view to utilise the same for pisciculture. During 1981-82 a sum of Rs 12,000 was utilised for this purpose. During the financial year 1982-83 similar amount will be utilised. A sum of Rs 12,000 has been provided as grant-in -aid for the year 1983-84. The following is the summary of the staff :—

TABLE X

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | 13 | 13 | 13 |
| Class IV | 43 | 43 | 43 |
| Total | 56 | 56 | 56 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------|----------------------|-------------|-------|------------------------------|--------------|-------|-------------------------------|--------------|-------|------------------------------|--------------|-------|
| | Plan | Non Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Fish Seed Farms | .. | 4,92 | 4,92 | .. | 5,32 | 5,32 | .. | 4,86 | 4,86 | .. | 4,49 | 4,49 |

In order to bring 31,00 hectares area of village ponds and tanks under fish culture by stocking at the rate of 5,000 fingerlings per hectare, the annual requirement of fish seed is envisaged to the extent of 1.55 crores. To solve the problem of shortage of fish seed in the State, the Department is establishing fish seed farms in all the twelve districts of the State in a phased programme, besides the establishment of Fish Seed Nurseries at block level. Six Fish Seed Farms have been set up at Amritsar, Gurdaspur, Kapurthala, Patiala, Sangrur and Nabha. During the year 1981-82, 34.36 lakh fingerlings were distributed from these farms. It is expected that this figure of distribution will further increase in the future years.

The following is the summary of the Staff :—

TABLE XI

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | 2 | 2 | 2 |
| Class III | 13 | 13 | 13 |
| Class IV | 33 | 33 | 33 |
| Total | 48 | 48 | 48 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Fisheries in Bhakra Dam | .. | 38 | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

This Scheme has been dropped for the year 1982-83.

The following is the summary of the staff :—

TABLE XII

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | 7 | 7 | .. |
| Class IV | 2 | 2 | .. |
| Total | 9 | 9 | .. |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Demonstration of fish culture | .. | 3,10 | 3,10 | .. | 3,08 | 3,08 | .. | 2,74 | 2,74 | .. | 3,27 | 3,27 |

Under this scheme 60 hectares of additional water area was brought under fish culture by the end of Third Plan. This Scheme being implemented as Non-Plan Scheme from the year 1966-67 and the water area already brought under fish culture is stocked and re-stocked every year for increased fish production. The fish produced from these water goes to the owner of the water area of Panchayat Samitis concerned and no income actually accrues to Government. However, the Department charges the cost of fish seed supplied to them at the rate fixed by the government and the amount realised credited to the Government account. The following table shows the supply of fish seed to fish farmers for stocking in the village ponds under this scheme :—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------------------------------|----------|----------|----------|
| Number of fingerlings distributed | 1,00,000 | 1,00,000 | 1,00,000 |

In order to stimulate the interest of villagers in pisciculture every year necessary funds in the form of grant in aid are being provided under this scheme for the renovation of village ponds and tanks by the Fisheries Department. The amount of grant-in-aid is ultimately placed at the disposal of various panchayat Samitis in the State through the State Development and Panchayat Department for their utilisation on the renovation of village ponds and tanks by the Block Development authorities. The Fisheries Department extends necessary technical advice to the Block Development authorities in the selection of suitable ponds for renovation with a view to utilise the same for pisciculture. During the year 1981-82 a sum of Rs. 20,000 was utilised as grant-in-aid on the renovation of village ponds and tanks. For the years 1982-83 and 1983-84 also similar grant-in-aid has been provided for the purpose. The following is the summary of the staff :—

TABLE XIII

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|-----------|-----------|-----------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | 13 | 13 | 13 |
| Class IV | 25 | 25 | 25 |
| Total | 38 | 38 | 38 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Providing of fish seed Nurseries Block Head-quarters | .. | 2,58 | 2,58 | .. | 2,21 | 2,21 | .. | 2,38 | 2,38 | .. | 2,30 | 2,30 |

Under this scheme, in addition to the completion of construction works of old Fish Seed Farm, Bir Shikargah, (Kapurthala), Fish Seed Farm, Hayat Nagar (Gurdaspur) and Fish Seed Farm, Raja Sansi (Amritsar), it was proposed to establish 20 Fish Seed Nurseries 5 each year during the Fifth Five Year Plan period so that requirement of fish Seed for stocking the village ponds and tanks could be met with in the Block itself. The fingerlings produced at the Block Fish Seed Nurseries will be supplied to the interested Fish Farmers/Villagers/Pachayats/village level workers and unemployed youth at the rate fixed by the Government. With the implementation of this scheme fully, the requirement of the Fish Seed/fingerlings of the block concerned will be met with from the Block itself.

Out of eleven Fish Seed Nurseries being set up under the scheme 'A' Phase construction work in respect of Fish Seed Nurseries Bhupinder Sagar (Patiala) Heeran (Ludhiana), Ghora Bhai (Jullundur), Preet Nagar (Amritsar), Jourian Kalan (Gurdaspur), Kanauran (Ropar) and Kahi (Ferozepur) has been completed and 'B' Phase work at these places is in progress 'A' Phase work at Fish Seed Nurseries Nathana (Bhatinda), Gammawala and Mohi is also under progress, similarly, construction work at the Fish Seed Farm Bir Dosanj (Nabha), Sangrur is also in progress, out of eleven Blocks Nurseries, 6 are under production.

The following is the summary of the staff :—

TABLE XIV

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|-----------|-----------|-----------|
| Class I | .. | .. | .. |
| Class II | 1 | 1 | 1 |
| Class III | 13 | 13 | 13 |
| Class IV | 18 | 18 | 18 |
| Total | 32 | 32 | 32 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Creation of conservation division for Riverine Fisheries and Head-works in Punjab | .. | 3,40 | 3,40 | .. | 1,57 | 1,57 | .. | 1,69 | 1,69 | .. | 1,57 | 1,57 |

Conservation Division for Riverine Fisheries and Head works in Punjab has been set up in order to collect more fingerlings from riverine waters and to adopt necessary conservation measures and management of riverine fisheries. Following strict conservancy measures are being taken up to maintain population equilibrium in the riverine resources of the State (i) Improvement of spawning facilities (ii) Creating and improving shelters for fish spawning (iii) Control of conservation and abundance of Commercial and non-commercial stock, (iv) Facilitating migration of fish through fish passes and fish ways, (v) Restricting the exploitation of prescribed species of fish (vi) Prohibiting fishing except under licence and regulating the grant of such licences (vii) Prohibiting season in which killing of any fish of any prescribed species to be prohibited (viii) Seized, forfeiture and removal of any apparatus erected or used for fishing in contravention of the permissible practices (ix) Restricting the exploitation of prescribed species of fishes (x) Forfeiture of any fish taken by means of unauthorised apparatus (xi) Prescribing the dimensions in various kinds of nets to be used and mode of using them (xii) Preventing destruction of fish by poisoning waters (xiii) Preventing of destruction of fish by explosive materials in inland waters, and (xiv) to prevent certain important species of fish from becoming extinct by adopting strict conservancy measures. The following is the summary of the staff :—

TABLE XV

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|-----------|-----------|-----------|
| Class I | .. | .. | .. |
| Class II | 2 | 2 | 2 |
| Class III | 12 | 12 | 12 |
| Class IV | 23 | 23 | 23 |
| Total | 37 | 37 | 37 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------------|----------------------|----------|-------|------------------------------|----------|-------|------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Fish culture in Shah Nehar Reservoir | 10 | .. | 10 | .. | 10 | 10 | 10 | .. | 10 | 10 | .. | 10 |

The Shah Nehar Reservoir is going to be completed very shortly and as such it will all the more be very essential that immediate steps are taken right now for the establishment of fish seed farm in the vicinity of the Reservoir areas and completing all other pre-requisite formalities, so that Fisheries Development work of this reservoir, With this aim in view, now a land measuring 9.33 acres on Mukerian and Dasuya road in village Begpur Kamloh for the establishment of Fish Seed Farm in the vicinity of Shah Nehar Reservoir, has been selected. The land for the construction of fish seed farm has also been acquired by the Department, after getting the notification issued under Section (4) and (6) of the Land Acquisition Act, 1894. Necessary administrative approval of the Punjab Government to the execution of work of this Fish Seed Farm, at a cost of Rs. 3,57,104 through the Superintending Engineer, Shah Nehar, Talwara has also been obtained and conveyed to the Quarters concerned for executing the work and the construction work of the Fish Seed Farm has been started.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for Promotion of Intensive Fish culture by Providing Assistance to Private/Cooperative Sector | ₹3,20 | .. | 3,20 | ₹4,00 | .. | 4,00 | 4,00 | .. | 4,00 | 4,00 | .. | 4,00 |

The aim of this Plan Scheme is to introduce Intensive Fish Farming in the rural areas of the State by utilising existing water areas and by creating new water areas for fish farming in order to uplift the rural economic, which also provides job and production opportunities for the unemployed youth of the State.

According to the survey conducted by the Fisheries Department, Punjab, 7034 hectares of water areas in the shape of village ponds and tanks are available for fish culture in 118 blocks of the State. So far 1200 hectares of water areas have been brought under fish culture. Steps are underway to bring the remaining water areas also under fish culture.

Under this Plan Scheme, it is proposed to bring 175 hectares of additional water areas under Intensive Fish Farming by giving 25 per cent subsidy both for excavation and renovation during Sixth Plan. 100 hectares of water areas will be newly excavated and 75 hectares of water areas will be renovated. Under this Programme, 263 metric tonnes of fish valued at Rs. 10.50 lakhs will be produced by the end of the Sixth Five year Plan.

During the year 1982-83, a sum of Rs. 3.25 lakhs was given as 25 per cent subsidy for the excavation/renovation of 72 hectares of water area. Similarly during the current financial year (1982-83) a sum of Rs. 3.69 lakhs will be given as 25 per cent subsidy to fish farmers, for renovation/excavation of 65 hectares of water areas.

According to the Plan of Operation of this Scheme, during the year 1983-84, 65 hectares of water areas in 65 blocks will be brought under Intensive Fish Farming.

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Demonstration of Fish culture | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scheme for the completion of Fish Seed Nurseries | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Fish Seed Farms in the remaining Districts of the State | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Fish Seed Production is the back-bone of the Fisheries Development Programme in the State. Keeping this fact in view, top-priority is being given to produce more and more fish seed from the fish seed farms and block nurseries set up by the Department. According to the Plan Programme, six fish seed farms and eleven nurseries are to be set up. Out of which construction work of four Fish Seed Farms have been completed and remaining two are under the process of completion. Similarly out of eleven Block Nurseries, four are nearing completion and the remaining six under the process of completion. Site for the establishment of one fish seed nursery is still to be decided.

The chief aim of the Department is to produce as much fish seed as possible. With a view to bring more water area under fish culture. To achieve this aim, it is essential that all the on-going construction Projects which are lingering on for the last several years, should be completed by the end of 1983-84.

The following is the summary of the staff :—

TABLE XVI

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | .. | .. |
| Class IV | .. | .. | .. |
| Total | .. | .. | .. |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|---------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Development of Fisheries Kandi Watershed and Area Development Project World Bank Assisted | 1,08 | .. | 1,08 | 1,00 | .. | 1,00 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 |

It is multi-disciplinary Project, the 1st Phase of which is spread over a period of five years and commences with effect from 1st April, 1980. According to the State staff appraisal report, the Outlay for Fisheries Development under this Project during Sixth Five Year Plan (1980—85) has been fixed at Rs. 73,000 lakhs.

For the establishment of Fish Seed Farm in District Ropar, suitable land measuring 25.52 acres was selected and acquired from the Irrigation Department. Plans and Estimates of this Fish Seed Farm have been got prepared and necessary administrative approval for the execution of this Project have been obtained from the Punjab Government. Construction work have also been taken on this Fish Seed Farm and the same is in progress,

For the establishment of one Fish Seed Farm in District Hoshiarpur, suitable site measuring 27.95 acres in village Hariana, District Hoshiarpur has been selected and acquired. Plans and estimates for the construction of this Fish Seed Farm have also been prepared and send to Government for according their administrative approval for taking up the construction work at this Fish Seed Farm.

As soon as the administrative approval of the Government is received, construction work at Fish Seed Farm Hariana will also be taken up.

The following is the summary of the staff :—

TABLE XVII

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | 1 | 1 |
| Class III | .. | 5 | 5 |
| Class IV | .. | 1 | 1 |
| Total | .. | 7 | 7 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Pilot Project for Cage Fish Culture | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

This Scheme has been dropped from the year 1981-82.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Pilot Project for bundh Breeding | 7 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

This Scheme has been dropped from the year 1981-82.

The following was the summary of the staff :—

TABLE XVIII

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | .. | .. |
| Class IV | .. | .. | .. |
| Total | .. | .. | .. |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for Assistance to Fish Farmers Development Agencies, Gurdaspur, Jullundur Amritsar Ludhiana and Sangrur | 8,00 | .. | 8,00 | 8,00 | .. | 8,00 | 9,50 | .. | 9,50 | 10,00 | .. | 10,00 |

In order to increase the present level of fish production from 600 Kgs per hectare per year to at least 1500 Kgs. per hect per year, four Fish Farmers Development Agencies in Districts of Gurdaspur, Jullundur, Amritsar and Ludhiana have been started. The Govt. of India have sanctioned another Fish Farmers Development Agency for Sangrur District and necessary Administrative Approval of the State Government for starting this Agency during 1982-83 has already been sought for and the same is in the process of sanction in the Finance Department, Punjab. Under these Agencies, it is envisaged to cover 600 hectares of water area under Intensive Fish Farming with a view to entrust these water areas belonging to village Panchayats to individuals fish farmers for increased fish production on long term lease. The Punjab Village common land Regulations (1964) was got amended and further amendment is being made to lease out the Panchayat Ponds/Tanks to the Members of Fish Farmers Development Agencies and individuals Fish Farmers on long term basis. Necessary short-term training in Fish Culture practices is being imparted to the Panchayats/Fish Farmers V.L.W's etc. at the Training Centre at the Fish seed Farm Hayat Nagar (Gurdaspur) and at Fish Seed Farm, Birshikargah (Kapurthala).

Against the targets of 500 Hectares to be brought under fish culture under these agencies, it is expected that about 450 hectares will be brought under intensive fish culture by the end of the Current Financial year 1982-83 and 200 hectares will be brought under Intensive Fish Culture during the year 1983-84.

The following is the summary of the staff under this Scheme :—

Table-XIX

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | 4 | 4 | 4 |
| Class III | 32 | 32 | 32 |
| Class IV | 16 | 16 | 16 |
| Total | .. | 52 | 52 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for Financial Assistance to the Scheduled Castes for Promotion of Fish culture in the State | .. | .. | .. | 1,00 | .. | 1,00 | 15,00 | .. | 15,00 | 1,00 | .. | 1,00 |

In order to uplift the socio economic conditions and to elevate the Scheduled Caste from below the poverty line it is very essential that liberal financial assistance is provided by the Govt. to enable them to achieve self-sufficient and self employment by adopting inland aquaculture. The object of this project is to encourage land owning Scheduled Castes and the persons of these castes having taken ponds/depressions/low lying areas on long term lease of 7½ years in the State, to adopt fish farming with a view to uplift their economic condition by providing self employment opportunities and simultaneously or increase the production of fish in the State.

To start with, it is proposed that subsidy of Rs. 6500 be given to each Scheduled Caste family for excavation of 0.25 hectare area for adopting fish farming in the State either in their own land or after taking low lying areas/depressions/ponds on long term lease for aquaculture. The amount of this subsidy will be given to the Scheduled Caste fish farmers on the Plans & estimates prepared by the Block Overseer or Overseer of the Fish Farmers, Development Agencies in four equal instalments of Rs. 1625 each, according to the completion of work, which will have to be completed within two months period from the date of issue of sanction from Head Office. In case the beneficiary does not complete the work in the scheduled period, the amount given to the fish farmer, as subsidy under this scheme will be recovered from him in lump sum. About 16 to 17 Scheduled Caste families will be benefitted in each District of Punjab State and in all about 200 families will derive benefit under this Project by giving them subsidy of Rs. 13.00 lakhs for excavation purposes Besides this, subsidy of Rs. 500/- per family at Rs. 0.25 hectare for inputs and Rs. 500 per family for the purchase of nets, will also be given on the completion of excavation work on the specified terms and conditions. With the successful implementation of this Project, it is envisaged that about 50 hectares additional water area will be created and will be brought under fish culture during the year 1983-84, and for this purpose fingerlings to the extent of 2.50 lakhs, if stocked at the rate of 5000 fingerlings per hectare will be required, which will be arranged from the Departmental Fish Seed Farms/Block Fish Seed Nurseries and the supply of these fingerlings will be free of cost, F.O.R. their ponds.

E--Other Expenditure

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Scheme for the creation of Economic and Statistical Wing in the Fisheries Department | 46 | .. | 46 | 65 | .. | 65 | 65 | .. | 65 | 75 | .. | 75 |

Under this Scheme one Statistical Wing in the Fisheries Department has been set up in order to have accurate assessment of the data which will be collected and analysed on scientific lines for proper planning of resources relating to the fish production of the Punjab State.

The following is the summary of the staff :—

TABLE XX

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|----------|----------|----------|
| Class I | .. | .. | .. |
| Class II | .. | .. | 1 |
| Class III | 2 | 2 | 6 |
| Class IV | .. | .. | .. |
| Total | 2 | 2 | 7 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Works | 18,60 | 5 | 18,65 | 2,060 | 5 | 26,05 | 5,738 | 5 | 52,43 | 33,00 | 5 | 33,05 |

During the year 1981-82, completion of construction work of Fish Farms and Fish Seed Nurseries was accelerated. During the year 1982-83 on going constructions works were further accelerated. During the year 1983-84, in addition to the Establishment of Fish Seed Farms in Districts of Ropar and Hoshiarpur, on going construction work will be got completed.

PUNJAB FOREST DEPARTMENT

I—Introduction

To meet the urgent requirements of the state in respect of Forest Resources, the Forest Department is actively engaged in the improvement, development and preservation of existing forest wealth. All its efforts are aimed to improve the supply of wood and other forest produce for domestic, agricultural and industrial requirements of the state from the state owned as well as private owned forest lands. On account of the increasing land hunger which stands in the way of increasing areas under forests, more and more stress has to be laid on the afforestation of the existing forest areas belonging to the state as well as communities and the individuals.

Keeping in view the friable nature of the Shiwalik Hills the Forest Department is undertaking soil and water conservation projects in the waste lands belonging to the state as well as individuals. In nutshell, scientific management, protection and improvement of forest lands for productive, aesthetic and recreational purposes is the underlying objective of the department. For this purpose improvement of communication and inspection facilities in the forest areas for economical working and proper management is also undertaken.

The set up of the Forest Department has been explained in details in part III (explanation of financial requirements) ahead giving object-wise classifications. Since from the year 1974-75 the Government have shifted to the new pattern of budget and objectwise classifications adopted afresh as such the information in the 'performance budget' has been prepared keeping in view the new budget structure. The new objective wise heads are very clear and fully illustrate the proper utilisation of funds.

| | Accounts, 1981-82 | | |
|--|-------------------|----------------|----------------|
| | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. |
| A—Programme/Activity classification | | | |
| 1. Direction and Administration | .. | 1,01,74 | 1,01,74 |
| 2. Research | 3,13 | 6 | 3,19 |
| 3. Education and Training | 1,00 | 74 | 1,74 |
| 4. Forest Conservation and Development | .. | 52,33 | 52,33 |
| 5. Survey of Forest Resources | 34 | 24 | 58 |
| 6. Plantation Schemes | 3,10,95 | 5,24 | 3,16,19 |
| 7. Farm Forestry | 5,81 | .. | 5,81 |
| 8. Forest Produce | .. | 13,91 | 13,91 |
| 9. Communication and buildings | 4,70 | 5,04 | 9,74 |
| 10. Preservation of Wild Life | 8,47 | 8,03 | 16,50 |
| 11. Food for works | .. | .. | .. |
| 12. Other Expenditure | 38,48 | 5,42 | 43,90 |
| Total A | 3,72,88 | 1,92,75 | 5,65,63 |

REQUIREMENT

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| .. | 95,53 | 95,53 | .. | 1,15,12 | 1,15,12 | .. | 1,12,82 | 1,12,82 |
| 3,50 | 7 | 3,57 | 3,50 | 7 | 3,57 | 7,50 | 9 | 7,59 |
| 1,00 | 1,27 | 2,27 | 1,00 | 58 | 1,58 | 1,00 | 91 | 1,91 |
| .. | 52,46 | 52,46 | .. | 48,35 | 48,35 | .. | 56,00 | 56,00 |
| 50 | 26 | 76 | 43 | 26 | 69 | 50 | 27 | 77 |
| 3,16,34 | 5,26 | 3,21,60 | 3,83,34 | 3,47 | 3,86,81 | 6,53,00 | 5,55 | 6,58,55 |
| 76,00 | .. | 76,00 | 1,54,30 | .. | 1,54,30 | 2,20,00 | .. | 2,20,00 |
| 1,00 | 13,75 | 14,75 | 1,00 | 14,52 | 15,52 | 1,00 | 14,87 | 15,87 |
| 5,00 | 5,06 | 10,06 | 5,00 | 4,59 | 9,59 | 5,00 | 5,32 | 10,32 |
| 10,00 | 9,16 | 19,16 | 62,07 | 10,38 | 72,45 | 74,00 | 9,76 | 83,76 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 55,00 | .. | 55,00 | .. | 8,11 | 8,11 | .. | 8,00 | 8,00 |
| 4,68,34 | 1,82,82 | 6,51,16 | 6,10,64 | 2,05,45 | 8,16,09 | 9,62,00 | 2,13,59 | 11,75,59 |

| Accounts, 1981-82 | | | |
|---|----------------|----------------|----------------|
| | Plan | Non-Plan | Total |
| | Rs. | R.s | Rs. |
| B. Objective Classification | | | |
| 1. Salaries .. | 55,12 | 1,13,20 | 1,68,32 |
| 2. Wages .. | 1,93,53 | 48,56 | 2,42,09 |
| 3. Travel expenses .. | 587 | 2,83 | 8,70 |
| 4. Office expenses .. | 4,06 | 1,52 | 5,58 |
| 5. Payment for professional & special services .. | .. | 4 | 4 |
| 6. Rent, Rates & Taxes/Royalty .. | 49 | 7,84 | 8,33 |
| 7. Advertising Sales & publicity expenses .. | 59 | 1,22 | 1,81 |
| 8. Scholarship and stipend .. | .. | 14 | 14 |
| 9. Machinery & equipment/tools & plants .. | 10,47 | 4,08 | 14,55 |
| 10. Motor Vehicles .. | 4,05 | 1,46 | 5,51 |
| 11. Maintenance .. | 7,48 | 6,83 | 14,31 |
| 12. Material & Supplies .. | 62,26 | 3,74 | 66,00 |
| 13. Other charges .. | 26,45 | 89 | 27,34 |
| 14. Publicity expenses .. | .. | .. | .. |
| 15. Medicines .. | .. | .. | .. |
| 16. Grant-in-aid .. | 2,03 | .. | 2,03 |
| 17. Hospitality expenses .. | 7 | .. | 7 |
| 18. Liveries .. | 41 | 40 | 81 |
| 19. Medical reimbursement .. | .. | .. | .. |
| Total B .. | 3,72,88 | 1,92,75 | 5,65,63 |
| C—Sources of Financing | | | |
| Demand No. 32 and 33 Major heads— | | | |
| 313—Forests 314—Community Development .. | 3,72,88 | 1,92,75 | 5,65,63 |
| Total C .. | 3,72,88 | 1,92,75 | 5,65,63 |

(Rs in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 63,14 | 1,05,89 | 1,69,03 | 69,01 | 1,28,06 | 1,97,07 | 1,13,96 | 1,24,74 | 2,38,70 |
| 2,65,74 | 47,80 | 3,13,54 | 3,53,30 | 41,72 | 3,95,02 | 5,32,60 | 51,28 | 5,83,88 |
| 6,77 | 3,07 | 9,84 | 6,77 | 21,81 | 9,58 | 7,63 | 3,22 | 10,85 |
| 4,96 | 1,74 | 6,70 | 5,21 | 1,74 | 6,95 | 6,27 | 1,86 | 8,13 |
| .. | 1 | 1 | .. | 5 | 5 | .. | 4 | 4 |
| 62 | 1,14 | 1,76 | 75 | 10,53 | 11,28 | 64 | 9,21 | 9,85 |
| 6,20 | 1,39 | 7,59 | 2,20 | 1,19 | 3,39 | 1,90 | 1,47 | 3,37 |
| .. | 38 | 38 | .. | .. | .. | .. | 15 | 15 |
| 13,50 | 5,31 | 18,81 | 14,82 | 4,94 | 19,76 | 24,78 | 4,78 | 29,56 |
| 5,45 | 1,49 | 6,94 | 4,75 | 1,47 | 6,22 | 5,70 | 1,58 | 7,28 |
| 15,30 | 6,27 | 21,57 | 15,97 | 6,17 | 22,14 | 67,10 | 6,59 | 73,69 |
| 50,61 | 4,57 | 55,18 | 1,00,64 | 4,20 | 1,04,84 | 1,52,50 | 4,82 | 1,57,32 |
| 31,92 | 1,16 | 33,08 | 32,12 | 64 | 32,76 | 42,57 | 1,06 | 43,63 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3,40 | 25 | 3,65 | 3,40 | .. | 3,40 | 3,40 | 25 | 3,65 |
| 10 | .. | 10 | 10 | .. | 10 | 11 | .. | 11 |
| 63 | 42 | 1,05 | 77 | 42 | 1,19 | 1,09 | 45 | 1,54 |
| .. | 1,93 | 1,93 | 83 | 1,51 | 2,34 | 1,75 | 2,09 | 3,84 |
| 4,68,34 | 1,82,82 | 6,51,16 | 6,10,64 | 2,05,45 | 8,16,09 | 9,62,00 | 2,13,59 | 11,75,59 |
| 4,68,34 | 1,82,82 | 6,51,16 | 6,10,64 | 2,05,45 | 8,16,09 | 9,62,00 | 2,13,59 | 11,75,59 |
| 4,68,34 | 1,82,82 | 6,51,16 | 6,10,64 | 2,05,45 | 8,16,09 | 9,62,00 | 2,13,59 | 11,75,59 |

III—Explanation of Financial requirements

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------|-------------------|----------|---------|---------------------------|----------|-------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1. Direction & Administration | | 1,01,74 | 1,01,74 | | 95,53 | 95,53 | | 1,15,12 | 1,15,12 | | 1,12,82 | 1,12,82 |

The pay of the staff sanctioned under plan and non-plan has been shown in the concerned heads under which these are to be shown in the new budget. The above figures denote the administration expenses of the non-plan budget staff.

The summary of the staff under plan and non-plan (both) is as under:—

TABLE I

| | 1982-83 plan & non-plan | 1983-84 plan and non-plan |
|---|-------------------------|---------------------------|
| Sanctioned strength | | |
| IFS Senior/Superior Scale and Junior Scales | 24 | 24 |
| Non-cadres in IFS pay-scale of Dy. C.F. | 1 | 1 |
| Class I (Chief Wild Life Warden) | 1 | 1 |
| Class II | 28 | 28 |
| Class III | 1,582 | 1,582 |
| Class IV | 373 | 373 |

The department is headed by the Chief Conservator of Forests, Punjab, who is technical adviser to the Government on forest matters. He is responsible for the policy decisions at the Government level in relation to Forest Department. He is assisted by an additional Chief Conservator of Forests, Deputy Conservator of Forests (Headquarters) Establishment-cum-Accounts Officer and Forest Map Officer in the Direction Office.

The state has been divided into 3 Forest Circles each headed by a Conservator of Forests, who has got full control over the forest matters within his circle and who functions on territorial basis. Each circle is divided into 4 to 6 divisions, headed by Divisional Forest Officers/who control, supervise and get the works executed within the division. The Divisional Forest Officer is further assisted by Forest Range Officers, Range Asstt. and Forest Guards for the proper execution, protection and preservation works within their jurisdiction. In addition to the executive staff each Forest Division is equipped with other ministerial staff carrying out the office business. Working Plan and Survey Division, Research and Training Division and Utilization Division, each are headed by Divisional Forest Officers who are responsible for carrying out Research and Training and for the preparation of working plans & felling of trees departmentally.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2. Research | 3,13 | 6 | 3,19 | 3,50 | 7 | 3,57 | 3,50 | 7 | 3,57 | 7,50 | 9 | 7,59 |

A sum of Rs. 7.50 lakh have been provided for carrying out forestry research. Out of this a sum of Rs. 2.40 lakh is to be provided under plan scheme to the Punjab Agriculture University for conducting the forestry research and Rs. 5.10 lakh for departmental research under plan. An amount of Rs. 0.09 has been provided under the non-plan budget to maintain the research problems already in hand and to continue them and undertake the fresh research problems of the state.

With the rapid development of science and technology the maximum stress has to be laid to make best use of the available resources for which scientific approach/research has to be undertaken for every aspect of development. Research in forestry plays a vital role for its proper management and to get maximum yield from the available techniques, nursery techniques, selection of the species for different climatic and soil conditions & trial of medicinal plants and fodder grass have to be solved by conducting proper research. Recently Punjab Agricultural University has also undertaken research on various forest problems especially the farm forestry aspect which is a vital need of the state and it is proposed to augment the resources of the Agricultural University for conducting the Forest Research by way of grant to the University which ultimately be very useful to this department.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 3. Education and Training | 1,00 | 74 | 1,74 | 1,00 | 1,27 | 2,27 | 1,00 | 58 | 1,58 | 1,00 | 91 | 1,91 |

Forestry being a technical subject it is needless to emphasise that the adequately trained staff is a must for scientific management of the forests. Whole of the technical staff responsible for execution, planning maintenance and supervision is required to undergo forestry training of various institutions.

A sum of Rs. 1.00 lac has been provided in the plan scheme which is required partly to maintain some accommodation at the state Forest Training School, Hoshiarpur and the rest to meet the expenditure on establishment at the institute. A sum of Rs. 1.27 lac has been provided in the non-plan budget to meet the expenditure on stipends/salaries to be paid to the I.F.S. officers and Forest Rangers for Diploma Course who will take training at Dehra Dun during 1983-84 on behalf of the Punjab State.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 4. Forest Conservation & Development | .. | 52,33 | 52,33 | .. | 52,46 | 52,46 | .. | 48,35 | 48,35 | .. | 56,00 | 56,00 |

Under this programme a sum of Rs. 56.00 lac have been provided under the non-plan budget. Under the non-plan budget constant vigilance for protection scientific management and proper improvement of the forest plantations once raised till their harvest has been provided to be undertaken. In order to look after them at every stage of their life, tending operations such as weeding, hoeing and thinning, etc. are required to be undertaken at various stages of the life of a tree. Proper care of a forest has to be taken against various damages like fire, theft, grazing and other calamities. Similarly the soil conservation works carried out at huge expenses are required to be maintained from time to time so as to make them effective with a view to check soil erosion and further deterioration of the situation. Rs. 21.75 lakh are required under normal budget for the conservation and development of the forest and 34.25 lakh are required under non-plan scheme namely 'Maintenance of plantation works carried out during previous plans.'

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 5. Survey of Forest Resources | 34 | 24 | 58 | 50 | 26 | 76 | 43 | 26 | 69 | 50 | 27 | 77 |

Forestry being a very long term investment, it is most essential that proper record of the forest resources is maintained. For scientific execution of the forestry operations proper planning in advance is a great pre-requisite in forestry aspect. A sum of Rs. 0.27 lac has, therefore, been provided under non-plan for preparation of working plans, working schemes so as to carry out the various forestry operations according to the working plan prescriptions. Each forest area is, therefore, covered by the working plan which lays down all the technical aspects for carrying out day to day operations in a particular forest area. A sum of Rs. 0.50 lac has been proposed under plan to strengthen the statistical cell in direction office.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 6. Plantation Schemes | 3,10,95 | 5,24 | 3,16,19 | 3,10,34 | 5,23 | 3,21,60 | 3,83,34 | 3,47 | 3,86,81 | 6,53,00 | 5,55 | 6,58,55 |

Keeping in view the ever increasing demands of forest produce for Industrial, Agricultural and domestic purposes, large scale forest plantations on the available forest lands have been undertaken by the Forest Department. There are three main schemes for this purpose as detailed below:—

1. Plantation of Sissoo, Babul, Eucalyptus, 'chil' & Poplar, etc.
2. Kandi Watershed and Area Development Project.
3. Raising of Industrial Plantations on community lands.

Scheme No. 1 is meant for raising of plantations in Govt. areas along the strips of railways, roads and canals and in other degraded block forests and scheme No. 2 & 3 are meant for raising plantations in Panchayat areas.

The scheme kandi watershed and area development project has been introduced from 1979-80. It is to be implemented with the World Bank Assistance and is meant for the uplift of the Kandi area of Hoshiarpur and Ropar Districts where the forest department proposes to raise plantations in private area falling in the upper catchments of the five chos viz, Dholbaha, Janauri, Chohal, Maili in Hoshiarpur District and Patiala-ki-Rao Cho in Ropar District. In addition to some soil conservation measures will also be carried out by this department.

Under these schemes during 1983-84 an area of 20,600 hectares (86,00 hectares in Govt. lands and 12,000 hect. in private lands is proposed to be planted.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 7. Farm Forestry .. | 5,81 | .. | 5,81 | 76,00 | .. | 76,00 | 1,54,30 | .. | 1,54,30 | 2,20,00 | .. | 2,20,00 |

Under non-plan Rs. 5.55 lac has been proposed for raising new nurseries and new plantations in forest areas.

Punjab being predominantly an agricultural state it is a great problem to bring more areas under forests. In order to augment the forest resources in the State and to facilitate the availability of minimum daily requirements of the farmers the scheme 'Farm Forestry' has got a great scope in the State. This scheme does not only provide the farmer with fuelwood and agricultural implements requirements but also goes a long way in reducing the crop losses by way of providing protection against desinating hot winds and winds of high velocities. As such plantations act as wind breaks and shelter bets. The plants are raised by the Department & supplied to the farmers at a nominal cost for planting along their fields, boundaries and water channels. During 1983-84 it is proposed to raise and supply 540 lakh plants to public against the target of 450 lac plants being supplied to public during 1982-83.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|----------------------|-------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 8. Forest Produce .. | .. | 13,91 | 13,91 | 1,00 | 13,75 | 14,75 | 1,00 | 14,52 | 15,52 | 1,00 | 14,87 | 15,87 |

Under the plan budget Rs. 1.00 lac has been provided to pay equity share to the proposed Forest Development Corporation.

Under non-plan Rs. 12.85 lakh are required for felling of trees departmentally and advertisement etc. A scheme of Rs. 12.85 lakh has been prepared during 1983-84 named 'Forest Utilization'. This scheme aims at departmental harvesting of trees, Saw milling and further utilisation of the Punjab timber. By working departmentally the middle man's profit (i.e. contractor's profit) will be eliminated and there by more revenue will accrue to the State exchequer. The departmental working will also eliminate the wasteful methods of timber extractions which are being adopted by the contractors at present. During 1982-83 it is proposed to fell about 12000M³ of wood and during 1983-84 to fell about 50000 M³ of wood. This yield will fetch an approximate revenue of about 20000 lakh during 1983-84.

The departmental working of timber will provide almost year round employment to the skilled as well as unskilled labour.

(Rs. in thousands)

| | Actuals, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimatts, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------|------------------|----------|----------|---------------------------|----------|-----------|----------------------------|----------|----------|---------------------------|----------|-----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 9. Communication and buildings. | Rs. 4,70 | Rs. 5,04 | Rs. 9,74 | Rs. 5,00 | Rs. 5,06 | Rs. 10,06 | Rs. 5,00 | Rs. 4,59 | Rs. 9,59 | Rs. 5,00 | Rs. 5,32 | Rs. 10,32 |

Under this programme, it is proposed to spend 1.27 lakh during the year under report under non-plan for improving the communications i.e. the construction of roads and paths in the forest areas which also serve fire protection measures. Rs. 4.05 lac is for the maintenance of existing buildings.

(ii) The forest subordinates have ordinarily to put up with their families in a very out of the way and for off places. Suitable offices and residential accommodation at various places is usually not available which certainly effects the efficiency and incentive for works. The importance and necessity providing suitable accommodation can never be over emphasised. It is, therefore, necessary that accommodation for the subordinate staff is provided particularly in remote areas. At present more than 80% of the staff is without proper accommodation. The requirement of the buildings is very large but on a small provision has been made for the purpose. Under the plan scheme 'Construction of buildings' a provision of Rs. 5.00 lakh has been made during 1983-84 for the construction of buildings.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Ruvised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------|-------------------|----------|-----------|---------------------------|----------|-----------|----------------------------|-----------|-----------|---------------------------|----------|-----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 10. Presrevat-ion of wild life | Rs. 8,47 | Rs. 8,03 | Rs. 16,50 | Rs. 10,00 | Rs. 9,16 | Rs. 19,16 | Rs. 62,07 | Rs. 10,38 | Rs. 72,45 | Rs. 74,00 | Rs. 9,76 | Rs. 83,76 |

Under the plan scheme 'Wild Life Preservation' an amount of Rs. 74.00 lakh has been provided to protect the wild life sanctuaries and wild animals during 1983-84.

As regards non-plan Rs. 9.25 lakh have been provided for the staff working under wild life unit and upkeep and maintenance of Deer Park at Patiala and Neelon etc. during 1983-84.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 11/12. Other Expenditure | 38.48 | 5.42 | 43.90 | 55.00 | .. | 55.00 | .. | 8.11 | 8.11 | .. | 8.00 | 8.00 |

Under Non-plan an amount of Rs. 800.00 lakhs have been provided to pay share fee to the residents Shahpur Kandi area under settlement report of that areas.

ANNEXURE I

List showing budget provision in respect of various plan Schemes in the Punjab Forest Department during 1983-84.

| S. No. | Name of plan scheme | Budget provision for 1983-84. (Rs. in lakhs) |
|---------------|---|---|
| 1. Ft 1·1 | Forest Research. | 7·50 |
| 2. Ft 2·1 | Training of staff. | 1,00 |
| 3. Ft 3·1 | Raising of Industrial Plantations on Community lands. | 8·00 |
| 4. Ft 3·2 | Social Forestry including Rural Fuelwood Plantations(Centrally Sponsored) | 140·00 |
| 5. Ft 3·3 | Plantation of Sissoo, Babul, Eucalyptus Chil, Poplar etc. | 190·00 |
| 6. Ft 3·4 | Soil Water & Tree Conservation in Himalayas (Centrally Sponsored) | 50·00 |
| 7. Ft. 3·6 | Environmental Forestry. | 5·00 |
| 8. Ft. 3·7 | Farm Forestry. | 70·00 |
| 9. Ft 4·1 | Construction of buildings. | 5·00 |
| 10. Ft 5·1 | Preservation of wild life. | 12·00 |
| 11. Ft. 5·2 | Establishment of Zoological Park at Chhat Bir. | 58·00 |
| 12. Ft. (CS) | Assistance for Development of Selected Zoos (Centrally Sponsored). | 4·00 |
| 13. Ft. 6·1 | Establishment of Planning and Statistical Cell. | 0·50 |
| 14. F 7·2 | State share capital of equity in forest Corporation. | 1·00 |
| 15. SC (F) I | Soil and Water Conservation on watershed basis. | 11·66 |
| 16. SC (F) II | Kandi Watershed and Area Development Project (Forest Department Part) | 234·00 |
| 17. SC (F) II | —ditto— (Co-ordinator Part) | 4.34 |
| 18. Ft. | National Rural Employment Programme. | 150·00 |
| 19. Ft (SC) | Special assistance for scheduled castes (Centrally Sponsored) | 10·00 |
| Total | | 962·00 |

HEALTH DEPARTMENT

I-INTRODUCTION

Health Department is a part of the Health and Family Welfare Department under the overall charge of the Director, Health and Family Welfare, Punjab who is assisted by three Joint Directors, (Family Welfare, Food and Drug and E.S.I.) One General Administrative Officer (A.P.-C.S. Officer), Five Deputy Directors, Seven Assistant Directors, One General Deputy Officer, Administrative Officer (Family Welfare), Chief Accounts Officer, Transport Officer etc. at the Head-quarter organisation at the Headquarter is responsible for the formulation of policies for execution in the field of Public Health, Family Welfare, Co-ordination and supervision of all curative and preventive services, etc. in the State.

The Health Administration at the District level is carried out with the help of the Civil Surgeon of each Distt. He is assisted by a number of Officers. The Civil Surgeons are responsible for making satisfactorily adequate arrangements of medical relief normally as well as during emergency such as Natural calamities, Floods, Epidemics etc. and also for the implementation of all National Programme and policies chalked out at the Head-quarters.

In order to streamline the working of the various health institution at block level, 118 post of Senior Medical Officers had been created for the year 1982-83. All other institutions at the Block level have been placed under the Administrative Technical and Financial control of the Senior Medical Officers incharge of the Block.

The Health Department is responsible for delivery of total health care to the people of the state and to rectify the imbalance existing in the availability of medical facilities and manpower between Urban and Rural areas by augmenting medical facilities of the rural areas. For this purpose a number of hospitals dispensaries, Primary Health Centres, Subsidiary Health Centres and other specialized institutions like mental Hospital, T.B. Hospitals/Clinics etc. are run by the Department. For rendering medical treatment and providing medical benefits to the industrial worker under the Employees State Insurance Act, a separate wing is functioning under the Joint Director (E.S.I.) Punjab. Besides this given Financial Assistance to local bodies and other charitable institution engaged in medical relief to the public. The Department is also responsible for the prevention of Food Adulteration and Drug Adulteration in the State.

A brief description of targets of the plan Schemes achievements during the year 1982-83 is given below. Due to paucity of the funds no new component during the year 1982-83 has been proposed.

PHYSICAL TARGETS.

| | 1982-83. | 1983-84. |
|---------------------------------------|----------|----------|
| 1. Sub Centres | 80 (FW) | 100 (FW) |
| 2. Subsidiary Health Centres | 50 | 50 |
| 3. Upgradation of existing Hospitals | 1 | |
| 4. Community Centres | 10 | .. |
| 5. Dental Clinics at Block level | | 15 |
| 6. Opening of new E.S.I. Dispensaries | 10 | 5 |
| Opening of new C.H | .. | 1 |

COMPLETION AND IMPROVEMENT OF PRIMARY HEALTH CENTRES

139 Primary Health Centres already stand established till the end of 1981-82. There will be one P.H.C. per Block and in certain Blocks there will be more than one P.H.C.

ESTABLISHMENT OF 25/30 BEDDED BLOCK LEVEL RURAL HOSPITALS.

To provide Medical facilities in rural area, it was proposed to set up atleast one 25/30 bedded Rural Hospital in each Block during 6th Plan. At present, 11,25/30 bedded rural hospitals stand sanctioned in 96 community Development Blocks of the State. During the year 1982-83, there is no target to established any new 25/30 bedded rural hospital in the State. The remaining 22 Blocks are being covered under 1/3 scheme of Government of India by providing one Rural Hospital in each Block.

OPENING OF SUBSIDIARY HEALTH CENTRES.

Under this scheme, it is proposed to provide one subsidiary Health Centre for every 8,000 to 10,000 rural population. At present, the number of subsidiary Health Centres (Rural Dispensaries) are 1496 upto the end of 1981-82. 50 more SHCs may be sanctioned to be opened during 1982-83.

ESTABLISHMENT OF DENTAL CLINICS IN EACH BLOCK

108 Block level Dental Clinics has been established by the end of 1981-82. Some Blocks have two dental clinics. During the year 1982-83 there is no proposal to establishing any Dental Clinic at Block level during 1983-84 the remaining 15 Blocks are to be covered by establishing on dental Clinic in each Block.

OPENING OF NEW DISPENSARIES IN URBAN SLUM AREAS/URBAN AREA

With a view to provide medical aid and to take off, out patientload from existing hospitals in Urban areas. It was proposed to open new dispensaries in urban areas especially in slum basties.

Under this scheme 142 dispensaries have already been opened up to the end of 1981-82. There is no proposal to open any new dispensary during the year 1982-83.

UPGRADATION OF EXISTING HOSPITAL (INCLUDING ESTABLISHMENT OF A 100 BEDDED HOSPITAL

In order to rectify the original imbalance in the availability of hospital beds in the Urban areas, it was proposed to upgrade certain number of existing hospitals to higher status. During the year 1981-82 only one hospital has been upgraded at Fatehgarh Sahib to the status of 50 bedded hospital. However Civil Dispensary, Nurmehal (Dirtrict Jalandhar have been up graded to the status of 25 bedded Hospital during 1982-83. All though there was no target for the same.

MULTIPURPOSE SCHEME

The entire state of Punjab was already covered under the multipurpose workers scheme till the end of March, 1980. Under this scheme, every five thousand rural population is to be provided with one male and one female Multipurpose worker or in other words one sub-centre manned by one male and one Female worker. Under this scheme 559-Centres have been established.

In addition to the above the following important steps taken by the Punjab Health Department need special mention :-

- (a) The state has launched expanded programme on immunization from 2nd October, 19 78 which aims at preventing tatanus amongst pregnant mothers and preventing of Deptheria, Whooping cough, Tatanus, Polio myelitis, Tuberculosis, measles and Typhoid fever E.PI. throughout the Punjab State.
- (b) Dai Training Scheme is another dynamic step taken by the Department Under this scheme one traditional Dai selected by local Panchayts is trained in each village, out of 12,188 total villages in the state and is being imparted 30 days training in P.H.C./Sub-Centre. She is paid a stipend of Rs. 300/- for this training. She serves as a link between the community and the department/13658 Dais have been trained in the state upto 31st March, 1982. It is proposed to train 1500 Dais during the year 1982-83.
- (c) The monthly Magazine SEHAT with a ,—vide circulation in the state has been helping to create better awareness about preventive and curative health services.
- (d) The Punjab State Celebrated the year 1979 as the International year of the Child in collaboration with the Social Welfare Department, Punjab. Under this programme all Children in the age group of 0-6 years were immunized.
- (e) For three days in a week each Primary Health Centre and subsidiary Health centre arrange a Health Education Camp in a selected village of the block where in addition to Health Education, immunization of pregnant mothers and children, treatment of minor ailments and motivation for small family norm services are provided.

- (f) With a view to engineering a strong Public Opinion in favour of the family Welfare Programme and to motivate the eligible couples for acceptance of actual Family Planning Services, it is proposed to continue augment the motivational activities in the state as follows :—
- | | |
|--|-----------|
| (i) Broadcasts to be arranged through Akashvani. | 700 |
| (ii) Telecasts to be arranged through Door darshan. | 100 |
| (iii) Newspaper items to be published. | 300 |
| (iv) (a) Print items to be produced. | 50 |
| (b) Copies of Print-items to be distributed. | 10 lakhs. |
| (v) (a) Family Welfare Leaders Camps to be arranged. | 200 |
| (b) Family Welfare Leaders to be imparted orientation training. | 48,000 |
| (vi) (a) Film-shows to be arranged. | 3,600 |
| (b) People to be educated through film shows. | 3,60,000 |
| (c) Slides to be shown through commercial Cinemas. | 6,000 |
| (vii) (a) Song and Drama shows to be staged. | 720 |
| (b) People to be educated through sound and Drama shows. | 7,20,000 |
| (viii) (a) Exhibitions to be arranged (Show-days). | 720 |
| (b) People to be covered under exhibitions. | 7,20,000 |
| (ix) Display media items to be installed. | 1,000 |
| (x) Public transport vehicles to be painted with Family Welfare slogans. | 1,000 |
- (g) Anti-food and Drug Adulteration Drive will also continue during the year 1983-84.

| | Accounts, 1981-82 | | | Budget |
|---|-------------------|-----------------|-----------------|----------------|
| | Plan | Non-Plan | Total | Plan |
| | Rs. | Rs. | Rs. | Rs. |
| A— PROGRAMME/ACTIVITY CLASSIFICATION | | | | |
| A— Allopathy— | | | | |
| (a) Direction and District Administration | .. | ₹ 64,51 | ₹ 64,51 | 0.01 |
| (b) Medical Relief | 3,26,96 | 15,73,10 | 19,00,06 | 4,49,14 |
| (d) Training | 13,00 | 2,53 | 15,53 | 17,00 |
| (e) Employees State Insurance Scheme | 58,55 | 2,03,92 | 2,62,47 | 1,00,00 |
| Construction of buildings | ₹ 1,21,52 | .. | 1,21,52 | 25,00 |
| Total A | 5,20,03 | 18,44,06 | 23,64,09 | 5,91,15 |
| B— OBJECT WISE CLASSIFICATION | | | | |
| 1. Salaries | 2,02,20 | 12,09,57 | 14,11,77 | 3,63,40 |
| 2. Medical Reimbursement | 2,88 | .. | 2,88 | 6,93 |
| 3. Wages | .. | 0,92 | 0,92 | .. |
| 4. Liveries | .. | .. | .. | 0,50 |
| 5. T. A. | 3,01 | 14,30 | 17,31 | 4,46 |
| 6. Office Expenses | 26,12 | 79,04 | 1,05,16 | 21,80 |
| 7. R. R. T. | 0,25 | 16,98 | 17,23 | 3,07 |
| 8. Stipend/Scholarships | 4,41 | 0,82 | 5,23 | .. |
| 9. Mach. and Equipment | 35,34 | 60,51 | 95,85 | 11,12 |
| 10. Grant-in-aid contribution | .. | 39,22 | 39,22 | .. |
| 11. Maintenance | .. | 0,77 | 0,77 | .. |
| 12. Motor Vehicle | 0,04 | 20,17 | 20,21 | 4,00 |
| 13. Medicines | 1,08,74 | 3,63,92 | 4,72,66 | 1,26,37 |
| 14. Dietary charges | 1,35 | 19,99 | 21,34 | 9,32 |
| 15. Bedding/Clothing | .. | 6,61 | 6,61 | .. |
| 16. Material Supplies | 8,45 | 4,32 | 12,77 | 3,98 |
| 17. Other Charges | 0,73 | 1,58 | 2,31 | 6,20 |
| 18. Publicity | .. | 0,50 | 0,50 | .. |
| 19. C.C./Professional services | 4,99 | 4,43 | 9,42 | 5,00 |
| 20. Charged Contingency | .. | 0,41 | 0,41 | .. |
| 21. Works Outlay | 1,21,52 | .. | 1,21,52 | 25,00 |
| Total B | 5,20,03 | 18,44,06 | 23,64,09 | 5,91,15 |
| C—SOURCE OF FINANCE DEMAND NO. 18 | | | | |
| Major Head 280 - Medical Demand No. 40 | 3,98,51 | 18,44,06 | 22,42,57 | 4,66,15 |
| Major Head 480—Capital Outlay on Medical | 1,21,52 | .. | 1,21,52 | 25,00 |
| Total C | 5,20,03 | 18,44,06 | 23,64,09 | 5,91,15 |

REQUIREMENTS

(Rs. in thousands)

| Estimates, 1982-83 | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 74,85 | 74,86 | .. | 78,40 | 78,40 | .. | 81,05 | 81,05 |
| 15,09,51 | 19,58,65 | 4,77,75 | 17,96,59 | 22,74,34 | 5,65,20 | 19,11,55 | 24,76,75 |
| 2,86 | 19,86 | 12,00 | 2,86 | 14,86 | 17,00 | 2,86 | 19,86 |
| 1,48,97 | 2,48,97 | 1,00,00 | 1,99,16 | 2,99,16 | 1,08,00 | 1,86,11 | 2,94,11 |
| .. | 25,00 | 38,15 | .. | 38,15 | 1,53,10 | .. | 1,53,10 |
| 17,36,19 | 23,27,34 | 6,27,90 | 20,77,01 | 27,04,91 | 8,43,30 | 21,81,57 | 30,24,87 |
| 12,27,37 | 15,90,77 | 3,65,81 | 13,46,82 | 17,12,63 | 4,58,79 | 14,55,20 | 19,13,99 |
| 24,83 | 31,76 | 2,85 | 24,76 | 27,61 | 7,47 | 25,23 | 32,70 |
| 1,30 | 1,30 | .. | 1,32 | 1,32 | .. | 1,36 | 1,36 |
| 4,26 | 4,76 | 1,50 | 5,01 | 6,51 | 1,50 | 7,49 | 8,99 |
| 14,27 | 18,73 | 4,24 | 14,53 | 18,77 | 4,57 | 15,55 | 20,12 |
| 50,68 | 72,48 | 24,87 | 51,71 | 76,58 | 34,30 | 55,67 | 89,97 |
| 10,98 | 14,05 | 3,50 | 17,58 | 21,08 | 1,83 | 17,57 | 19,40 |
| 0,90 | 0,90 | .. | .. | .. | .. | 0,90 | 0,90 |
| 20,50 | 31,62 | 16,46 | 57,24 | 73,70 | 19,10 | 64,04 | 83,14 |
| 25,89 | 25,89 | .. | 46,35 | 46,35 | 6,00 | 42,21 | 48,21 |
| 0,55 | 0,55 | .. | 0,55 | 0,55 | .. | 0,66 | 0,66 |
| 24,98 | 28,98 | 5,20 | 24,94 | 30,14 | 2,90 | 25,58 | 28,48 |
| 2,60,67 | 3,87,04 | 1,32,32 | 4,14,71 | 5,47,03 | 1,41,42 | 3,92,42 | 5,33,84 |
| 39,94 | 49,26 | 9,32 | 38,14 | 47,46 | 1,60 | 42,48 | 44,08 |
| 7,54 | 7,54 | 0,40 | 7,54 | 7,94 | 0,20 | 7,95 | 8,15 |
| 4,91 | 8,89 | 4,98 | 4,96 | 9,94 | 2,00 | 6,26 | 8,26 |
| 4,62 | 10,82 | 5,30 | 3,75 | 9,05 | 3,52 | 4,78 | 8,30 |
| .. | .. | .. | 1,40 | 1,40 | .. | 0,52 | 0,52 |
| 11,00 | 16,00 | 13,00 | 14,70 | 27,70 | 5,00 | 14,70 | 19,70 |
| 1,00 | 1,00 | .. | 1,00 | 1,00 | .. | 1,00 | 1,00 |
| .. | 25,00 | 38,15 | .. | 38,15 | 1,53,10 | .. | 1,53,10 |
| 17,36,19 | 23,27,34 | 6,27,90 | 20,77,01 | 27,04,91 | 8,43,30 | 21,81,57 | 30,24,87 |
| 17,36,19 | 23,02,34 | 5,89,75 | 20,77,01 | 26,66,76 | 6,90,20 | 21,81,57 | 28,71,77 |
| .. | 25,00 | 38,15 | .. | 38,15 | 1,53,10 | .. | 1,53,10 |
| 17,36,19 | 23,27,34 | 6,27,90 | 20,77,01 | 27,04,91 | 8,43,30 | 21,81,57 | 30,24,87 |

III, Explanation of Financial Requirements

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget 1982-83 | | | Estimates, | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|----------------|----------|-------|------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (a) Direction and District Administration .. | .. | 64,51 | 64,51 | 0,01 | 7485 | 74,86 | .. | 78,40 | 78,40 | .. | 81,05 | 81,05 | | | |

The Direction charges include expenses of the Directorate of Health Services on curative side and District Administration include all the expenses on curative side of the officer of Civil Surgeons and other medical Institutions.

The Director, Health and Family Welfare, Punjab is the Head of the Department. He is assisted by a number of specialists for different purposes to render assistance and advice in different fields, i.e. medical care, control of communicable diseases, various crash programmes such as National Small Pox Eradication Programme, National Malaria Eradication Programme. T.B. and B.C.G. Control Programme, Trichoma Control Programme, rendering of Family Welfare Services, providing Maternity Child Health Welfare Care, Food and Drug Administration and Training of Para-Medical Personnel etc.

The Health Administration at the district level is carried out with the help of the Civil Surgeon in each District. The Civil Surgeons are responsible for the speedy implementation of all the programmes and policies chalked out at the State Headquarter and in supervision. He is assisted by a number of officers i.e. Assistant Civil Surgeon, District Health Officer, District Medical and Health Officer, Epidemiologist, District Family Welfare Officer, District T.B. Officer and Assistant Accounts Officer, etc. In addition, there are other Heads of Offices who look after particular specialised activities of the Department, either at the Local or Regional or State level i.e. the Chemical Examiner, the Hygiene and vaccine Institute, Public Analyst, Medical Superintendents, etc. The Joint Director Food and Drug looks after the food and drugs administration in the whole of the state.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|--------------------|----------|----------|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | (b) Medical Relief | 3,26,96 | 15,73,10 | 19,00,06 | 4,49,14 | 15,09,51 | 19,58,65 | 4,77,75 | 17,96,59 | 22,74,34 | 5,65,20 | 19,11,55 | 24,76,75 |

The Programme of medical care comprises medical relief afforded in various Government Hospitals and dispensaries in the State. The following types of medical institutions are functioning in the State.

- (i) Punjab Mental Hospital, Amritsar.
- (ii) District and Tehsil Government Hospitals, Dispensaries and Primary Health Centres.
- (iii) T. B. Clinics Centres and Hospitals.

(i) The Punjab Mental Hospital functioning at Amritsar. It serves the mental Patients of Punjab, Haryana and Himachal Pradesh. The patients admitted in the Hospital are provided with accommodation and diet. The bed strength and number of patients is given below :—

TABLE I

| | Year | | |
|------------------------|---------|---------|--------------------------|
| | 1981-82 | 1982-83 | 1983-84 (Anticipated) |
| 1. Bed Strength— | | | |
| (i) Male .. | 512 | 512 | 512 |
| (ii) Female .. | 299 | 299 | 299 |
| 2. Number of patients— | | | |
| (i) Indoor .. | 1,154 | 1,180 | 1,205 |
| (ii) Out door .. | 39,843 | 42,670 | 43,550 |

The table below indicates the staff employed in the Punjab Mental Hospital, Amritsar as on 31st March :—

TABLE II

| | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| (i) Class I .. | 5 | 5 | 5 |
| (ii) Class II .. | 9 | 9 | 10 |
| (iii) Class III (Ministerial and para medical staff) .. | 287 | 317 | 317 |
| (iv) Class IV .. | 136 | 136 | 136 |

(ii) District and Tehsil Government Hospitals, Dispensaries and Primary Health Centres :—

The Total number of Hospitals, Dispensaries and Primary Health Centres are given in the Table below :—

TABLE III

| | 1st April, 1981 | 1st April, 1982 | 1st April, 1983 |
|----------------------------------|--------------------|--------------------|--------------------|
| Total Institutions in the state— | | | |
| Rural Institutions .. | 1,509 | 1,710 | .. |
| Urban Institutions .. | 359 | 366 | .. |

Government Hospitals (State Public and State Special)—

| | | 1st April, 1981 | 1st April, 1982 | 1st April, 1983 |
|--------------------------|----|--------------------|--------------------|--------------------|
| 1 to 25 bedded Hospitals | .. | 94 | 94 | 94 |
| 26 to 50 bedded | .. | 89 | 90 | 90 |
| 51 to 100 bedded | .. | 20 | 20 | 20 |
| 101 and above | .. | 12 | 12 | 12 |

Specialised treatment X-Ray, Pathaology, Dental, B.C.G., Diathermy, etc. is also provided in the District Hospitals.

The table below indicate the staff employed as on 31st March in the Allopathic Hospitals, Dispensaries and Primary Health Centres :—

TABLE IV

| | | 1st April, 1981 | 1st April, 1982 | 1s April, 1983 |
|------------------|----|--------------------|--------------------|-------------------|
| (i) Class I | .. | 299 | 305 | 312 |
| (ii) Class II | .. | 3,100 | 3,191 | 3,201 |
| (iii) Class III— | | | | |
| Ministerial | .. | 2,052 | 2,282 | .. |
| Para Medical | .. | 10,173 | 10,173 | 10,173 |
| (iv) Class IV | .. | 7,354 | 7,354 | 4,354 |

The table below indicate the number of patients treated in all Allopathic Hospitals, Dispensaries and Primary Health Centres :—

TABLE V

| | | 1981 | 1982 | 1983 |
|---------------|----|-------------|-------------|-------------|
| (i) In-door | .. | 4,16,009 | 4,20,000 | 4,30,000 |
| (ii) Out-door | .. | 1,49,08,369 | 1,50,00,000 | 1,60,00,000 |

Against the expenditure incurred the probable receipts, on account of Hospital Fees such as purchase, Laboratory, X-Ray, Operation and confinement Fees and Ward charges, etc. are Rs. 58 lakhs for 1981-82 Rs. 58 lakhs for 1982-83 and Rs. 80 lakhs for 1983-84 (Anticipated).

In addition to take the curative measures for rendering medical treatment to the ailing public at Government level, the Department also gives financial assistance to local Bodies to meet the expenditure incurred by them for the engagement of staff, purchase of medicines, holding of training classes, in specialised courses, etc. Receipts on account of Contribution from Municipal Committee, Zila Parishads and Panchayat samities are Rs. 3 lakhs for the year 1980-81, Rs. 3 lakhs for the year 1981-82 Rs. 1.50 lakhs for the year 1982-83 (Anticipatd).

The main institutions which get the financial assistance are as follow :—

TABLE VI

(Rs. in thousands)

| | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| | Rs. | Rs. | Rs. |
| Grant in subsidised Dispensaries .. | 44 | 44 | 44 |
| Maintenance grants for Leprosy Home Tarn Taran .. | 54 | 54 | 54 |
| Grant-in-aid to Pingalwara Home, Amritsar .. | 25 | 25 | 25 |
| Grant-in-aid to Ludhiana Maternity Hospital, Ludhiana towards the maintenance of Hospital .. | 20 | 20 | 20 |
| Grant-in-aid to local Bodies and other societies for improving and equipping existing hospitals and dispensaries .. | 2,00 | 2,00 | 2,00 |
| Grant-in-aid to meet the high cost of medicines, etc, for the subsidised Dispensaries .. | 10 | 10 | 10 |
| Revival of Tubewell work in Punjab Grant-in-aid to T.B. Clinics and Hospitals .. | 50 | 50 | 50 |
| Contribution to the Bhakra Management Board for throwing open the Nangal Hospital to the general Public .. | 3,50 | 3,50 | 3,50 |
| Contribution for throwing open Canal dispensaries to Public .. | 2 | 2 | 2 |
| Grant-in-aid to St. John Ambulance Association India Punjab State Branch | | | |
| (a) For Maintenance and upkeep of Ambulance car .. | 1,40 | 1,40 | 1,40 |
| (b) First Aid and Home Nursing Training .. | 6 | 6 | 6 |
| Contribution towards maintenance of General Hospital, Sector 16, Chandigarh .. | .. | .. | .. |
| Punjab Red Cross Society Sector 16, Chandigarh .. | .. | .. | .. |

The National T.B. Control Programme is being implemented by providing treatment with following methods :—

- (i) Provision of treatment to infection patients of T.B. on a priority basis with modern effective and T.B. Drugs specially I.N.C. P.A.S. and S.M.

- (ii) Immunization of B.C.G. Vaccination is given to persons below 20 years of age without tuber culosis tests.

Highest priority has been given to the establishment of District T.B. Clinics. The progress in this regard is shown in the Table below :—

TABLE VII

| | 1st April, 1981 | 1st April 1982 | 1st April, 1983 |
|-------------------------------|--------------------|-------------------|--------------------|
| 1. Government T.B. Hospitals | 3 | 3 | 3 |
| 2. Total T.B. Clinics/Centres | 14 | 14 | 14 |

Note :—T.B. Hospital Jiwan Wala Babri in Gurdaspur District is the Part and parcel of T.B. Clinic Gurdaspur only indoor facility of T.B. Clinic Gurdaspur is at Jiwan Wala Babri.

Anti T.B. Drugs are distributed free by Voluntary T.B. institutions and State T.B. Wards, details of which are indicated in the table below :—

TABLE VIII

| | 1981-82 | 1982-83 | 1983-84 |
|------------------------------------|---------|---------|---------|
| Number of Voluntary Institutions | 3 | 3 | 3 |
| Number of Total Wards in Hospitals | 7 | 7 | 8 |

The following table indicates the number of beds in T.B. Hospitals Hermitage, Sangrur and patients treated therein :—

TABLE IX

| | E—VIII | | |
|--|--------|--------|--------|
| | 1981 | 1982 | 1983 |
| 1. Number of beds T.B. Hospital Hermitage, Sangrur | 100 | 100 | 100 |
| 2. Number of patients treated— | | | |
| (i) In-door | 15,000 | 16,258 | 17,000 |
| (ii) out-door | 14,432 | 15,200 | 16,000 |

The progress in regard to the B.C.G. Vaccination is indicated in the Table below :—

TABLE—X

| | 1981-82 | 1982-83 | 1983-84 |
|---------------------------------|----------|----------|----------|
| Number of B.C.G. Teams .. | 12 | 12 | 12 |
| Number of persons vaccinated .. | 4,61,340 | 4,67,383 | 6,00,000 |

Table below indicates the staff employed in T.B. Institution as on 31st March :—

TABLE—XI

| | 1981-82 | 1982-83 | 1983-84 |
|---|---------|---------|---------|
| Class I .. | 1 | 1 | 1 |
| Class II .. | 25 | 25 | 25 |
| Class III (Ministerial and Para-Medical) .. | 299 | 299 | 299 |
| Class IV .. | 120 | 120 | 120 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (c) Training | 13,00 | 2,53 | 15,53 | 17,00 | 2,86 | 19,86 | 12,00 | 2,86 | 14,86 | 17,00 | 2,86 | 19,86 |

The training facilities for para-medical staff for different courses in the various institutions under Directorate are given below :—

TABLE XII

First April

| Serial No. | Course | Name of Institution | 1981-82 | 1982-83 | 1983-84 |
|------------|---|--------------------------------|---------|---------|---------|
| 1 | Nurses | .. Civil Hospital, Jullundur | .. 107 | 107 | 107 |
| 2 | Auxiliary Nurses/Midwives/ Health workers (Female) | 1. Civil Hospital, Hohshiarpur | .. 60 | 60 | 70 |
| | | 2. Civil Hospital, Nangal | 60 | 60 | 70 |

| Serial No. | Course | Name of Institution | 1981-82 | 1982-83 | 1983-84 |
|------------|--------|------------------------------|---------|---------|---------|
| | | 3. Civil Hospital, Faridkot | 60 | 60 | 70 |
| | | 4. Civil Hospital, Bhatinda | 60 | 60 | 70 |
| | | 5. Civil Hospital, Sangurur | 30 | 60 | 70 |
| | | 6. Civil Hospital, Gurdaspur | 30 | 60 | 70 |

(X) 10 are the seats for S/C candidates to be taken under S.C.A. for S.C. candidates.

Apart from the above, Dai Training Scheme has also been introduced by the Government. Under this traditional Dais (Selected by Local Panchayats) are imparted 30 working days training in modern M.C.H. care which would serve a link between community and Government.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (d) Employees State Insurance Scheme | 58,55 | 2,03,92 | 2,62,47 | 1,00,00 | 1,48,97 | 2,48,97 | 1,00,00 | 1,99,16 | 2,99,16 | 1,08,00 | 1,86,11 | 2,94,11 |

The employees State Insurance Hospitals and Dispensaries provide Medical care under section 58 of the Employees State Act 1948 to the Industrial workers covered by the Employment State Insurance Scheme and their families. As per agreement entered between the State Government and the Employees State Insurance Corporation (a copy set up under the Act, *ibid*). The nature and scale of the Medical benefits to be provided by the State Government have been prescribed and the total expenditure thereon is being shared between the State Government and the Corporation in the ratio of 1 : 7 at present. Under the Act, workers make their own-contribution out of their employments by deduction from their wages towards the Health Insurance. The Medical care provided under the Scheme includes :—

- General medical treatment including the treatment by special preventive treatment such as Vaccination and inoculation.
- Free provision of medicines, drugs, dressing, X-ray and Laboratory tests.
- Facility of ambulance service for removal of serious cases to Hospital and
- Antenatal and post-natal treatment as well as Maternity medical services to insured women.

In order to provide medical care to the workers, the Employees State Insurance Hospitals and Dispensaries have been set up in the State. At places, where such hospitals do not exist, beds have been reserved in the general State Hospitals or institutional Hospitals against payment of Rs. 1,500 per bed per annum in Civil Hospital/Mental Hospital, Amritsar and Rs. 3,000 per bed per annum in T.B. Hospitals.

The table below indicates the details of the E.S.I. Hospitals and their bed capacity :—

TABLE XIII

| Name of the Hospital | Number of beds as on 31st March | | |
|---|------------------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 |
| 1. E.S.I. Hospital, Amritsar | 125 | 125 | 125 |
| 2. E.I.S. Hospital, Ludhiana .. | 100 | 100 | 100 |
| 3. E.S.I. Hospital, Jullundur .. | 100 | 100 | 100 |
| 4. E.S.I. Annexure Ward in T.B. Sanitorium, Amritsar .. | 12 | 12 | 12 |

The table below indicates the beds reserved in Institutional and general Hospitals :—

TABLE XIV

| Name of Hospitals | No. of beds reserved for E.S.I. as on 31st March..... | | |
|---|--|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 |
| 1. Rajindra Hospital, Patiala .. | 20 | 20 | 20 |
| 2. Mental Hospital, Amritsar .. | 5 | 5 | 5 |
| 3. Civil Hospital, Abohar | 14 | 14 | 14 |
| 4. Civil Hospital, Batala .. | 20 | 20 | 20 |
| 5. Civil Hospital, Gurdaspur .. | 24 | 24 | 24 |
| 6. Civil Hospital, Phagwara .. | .. | .. | .. |
| 7. Civil Hospital, Kapurthala .. | 12 | 12 | 12 |
| 8. Civil Hospital, Gobindgarh .. | 29 | 29 | 29 |
| 9. A. P. Jain Hospital, Rajpura .. | 30 | 30 | 30 |
| 10. Gulab Devi T.B. Hospital Jullundur .. | 20 | 20 | 20 |
| 11. T.B. Hospital, Gurdaspur .. | 2 | 2 | 2 |
| 12. General Hospital, Chandigarh .. | 2 | 2 | 2 |
| 13. Civil Hospital, Malout .. | 5 | -5 | 5 |
| 14. Civil Hospital, Moga | 14 | 14 | 14 |
| 15. Civil Hospital, Nabha .. | 5 | 5 | 5 |

| Name of Hospitals | No. of beds reserved for E.S.I. as on 31st March.... | | |
|---------------------------------|---|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 |
| 16. Civil Hospital, Khanna | 14 | 14 | 14 |
| 17. Civil Hospital, Phillaur | 2 | 2 | 2 |
| 18. Civil Hospital, Malerkotla | 3 | 3 | 3 |
| 19. Civil Hospital, Goraya | 9 | 9 | 9 |
| 20. Civil Hospital, Sirhind | 3 | 3 | 3 |
| 21. General Hospital, Sector-16 | 2 | 2 | 2 |
| 22. Civil Hospital, Hoshiarpur | 6 | 6 | 6 |
| 23. Civil Hospital, Ropar | 8 | 8 | 8 |
| 24. Civil Hospital, Bhatinda | 20 | 20 | 20 |
| 25. Civil Hospital, Barnala | 2 | 2 | 2 |
| 26. Civil Hospital, Gidherbaha | 2 | 2 | 2 |
| 27. Civil Hospital Kotkapura | .. | .. | .. |
| | 324 | 324 | 324 |

Besides, there are 52 Employees State Insurance Dispensaries located at important industrial centres i.e. Ludhiana, Amritsar, Jullundur, Dhariwal, Kapurthala, Sirhind, Khanna, Kharar, Rajpura Patiala, Abohar, Malerkotla, Nabha, Phagwara, Gobindgarh, Goraya, Phillaur, Malout, Dina Nagar Moga, Jagatjit Nagar and Sahibjada Ajit Singh Nagar (Mohali), Pur Hiran, Bahadurgarh, Batala, Verka Chheharta, Asron, Hoshiarpur. These Dispensaries are equipped with necessary clinical and para-medical staff and the necessary stock of medicines, drugs and dressing in accordance with the terms laid-down by the Employees State Insurance Corporation. Indoor facility to the families of the insured persons in the Employees State Insurance Hospitals exists at Amritsar, Ludhiana, Jullundur and T.B. Annexe, Amritsar. Full medical care (including hospitalisation) to the insured persons and their families has been extended at all the Stations where E.S.I. Scheme is in force.

Besides setting up Employees State Insurance Hospitals and Dispensaries, medical care is also provided under the Panel System which is in vogue at 4 places namely, Amritsar, Jullundur, Ludhiana and Batala. Under this system, 75 Insurance Medical Practitioners have been appointed for this purpose and are paid capitation fee at the rate of Rs. 40 per annum per family unit assigned to them. On the prescription of these Medical Practitioners medicines and drugs are dispensed free of charge through Departmental Drugs Stores opened at Amritsar, Jullundur, Ludhiana and Batala.

Part-time special lists have been appointed for Skin Paediatric, T.B and Mental cases in various stations to give them expert opinion and advice on the cases referred by the Insurance Medical Officers and Insurance Medical Practitioners.

Ambulance facilities are at present being provided at Amritsar, Jullundur, Dhariwal and Phagwara. At other places Civil Hospital Authorities provide their ambulance free of charge. Another facility which is also provided in the State to insure persons is the grant of confinement fee at the rate of Rs. 30 per case of delivery of their wives outside the hospital. In case delivery in Hospital or Charitable Hospital the scale of such fee payable to the worker is Rs. 10.

The Medical Superintendent, Medical Officers Incharge of the Employees, State Insurance Hospitals/Dispensaries act as Drawing and Disbursing Officers in respect of the expenditure in their respective Hospitals and Dispensaries. Other expenditure such as payment of capitation fee to Insurance Medical Practitioner and grant of confinement fee for panel area is incurred at the headquarters.

The table below indicates the number of insured workers and in-door and out-door patients treated under the schemes:—

TABLE XV

| | On 31st March | | |
|---|---------------|----------|----------|
| | 1981-82 | 1982-83 | 1983-84 |
| 1. No. of Insured Employee families .. | 1,65,000 | 1,90,000 | 2,00,000 |
| 2. No. of Insured persons .. | 2,06,000 | 2,37,000 | 2,45,000 |
| 3. No. of patients treated in Hospitals/Dispensaries :— | | | |
| (i) In-door .. | 24,000 | 25,000 | 26,000 |
| (ii) Out-door .. | 6,94,298 | 7,00,500 | 7,10,500 |

The staff posted in the Employees State Insurance as on 31st March is enumerated in the Table below :—

TABLE XVI

| | 1981-82 | 1982-83 | 1983-84 (Anticipated) |
|--------------|---------|---------|--------------------------|
| Class I .. | 8 | 8 | 8 |
| Class II .. | 178 | 184 | 190 |
| Class III .. | 701 | 723 | 725 |
| Class IV .. | 540 | 562 | 561 |

Receipt from the Employees State Insurance Corporation on account of contribution and other miscellaneous receipt is given as under :—

TABLE XVII

(Rs. in thousands)

| | 1981-82 | 1982-83 | 1983-84 (Anticipated) |
|--|---------|---------|--------------------------|
| Contribution and other Miscellaneous receipts .. | 16,724 | 23,037 | 23,040 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------|-------------------|----------|---------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (b) Buildings | 1,21,52 | .. | 1,21,52 | 25,00 | .. | 25,00 | 38,15 | .. | 38,15 | 1,53,10 | .. | 1,53,10 |

The provision under this activity is included in the demand for the Public Works Department which execute the works. The expected expenditure on the buildings to be constructed during the year 1982-83 is only for Hospitals, Dispensaries and Government Primary Health Centres.

Note :—Ayurvedic Wing is functioning separately under the overall charge of the Director/Ayurvedic, Punjab and is no more under the control of this Directorate.

HOUSING DEPARTMENT

I—INTRODUCTION

The Department of Housing and Urban Development Punjab created in 1970 is charges with the responsibility of accelerating the Urbanisation Programme in Punjab. The State Government had to undertake this programme in order to check the haphazard growth of buildings and to meet the Housing Programme in the cities/towns due to influx of manpower in the cities as a result of growth in the Industrial sector. The Directorate of Housing and Urban Development has already set up urban estates at the following places :—

1. S.A.S. Nagar (Mohali) .
2. Jullundur.
3. Dhandari Kalan (Ludhiana).
4. Dugri Road (Ludhiana).
5. Samrala Road (Ludhiana).
6. Phagwara.
7. Batala.
8. Bhatinda.
9. Patiala.
10. Rajpura.

At the following places, the urban estates are likely to be set up in the near future :—

1. Pathankot.
2. Goraya.
3. Tarn Taran.
4. Mukatsar.
5. Mansa.
6. Barnala.
7. Abohar.
8. Amritsar.
9. Faridkot.

In order to accomplish this job, the following offices function under the control of this office :—

1. Estate Officer, Urban Estates, Punjab, Chandigarh and Jullundur

In order to accomplish the objects of Housing Scheme, the post of Estate Officers, Urban Estates, Punjab have been created. The Estate Officers, exercise the powers vested in them under the Act known as the Punjab Urban Estates (Development and Regulation) Act, 1964 and the rules framed thereunder. Apart from this, they are also required to look after all the matters concerning the industrial focal points/residential estates.

2. Land Acquisition Officer, Urban Estates, Punjab, S.A.S. Nagar (Mohali).

The Land Acquisition Officer and his staff are entrusted the job of acquisition of land required for establishment of new Urban Estates in the State. He exercises the powers vested in him under the Land Acquisition Act, 1894.

Upto the end of 31st March, 1982 Rs. 4,468 lacs have been spent for the acquisition of land and its development. With the above amount 6,820.13 acres of land has been acquired and 32,828 plots have been carved out for sale to the Public. Upto the end of 31st March, 1982, 3419.00 lacs have been recovered from the allottees by way of sale of plots. The details of staff are given below :—

| | 1981-82 | 1982-83 |
|-----------|---------|---------|
| Class—I | 15 | 15 |
| Class—II | 6 | 6 |
| Class—III | 288 | 288 |
| Class—IV | 132 | 132 |

II—FINANCIAL REQUIREMENT

(Rs. in thousand)

| A. Programme/ Activity Classification | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|----------|------------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 1. Directions and Administration | .. | 59,17 | 59,17 | .. | 53,04 | 53,04 | .. | 61,58 | 61,58 | .. | 66,78 | 66,78 |
| 2. Capital | 6,80,15 | .. | 6,80,15 | 7,19,00 | 12,00 | 7,31,00 | 6,17,00 | 5,00 | 6,22,00 | 5,91,00 | 12,00 | 6,03,00 |
| 3. Loans | 2,05,58 | .. | 2,05,58 | 36,00 | .. | 36,00 | 3,21,00 | .. | 3,21,00 | 4,10,00 | .. | 4,10,00 |
| 4. Subsidy | 23 | .. | 23 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 3,00 | .. | 3,00 |
| Total—A | 8,85,96 | 59,17 | 9,45,13 | 7,57,00 | 65,04 | 8,22,04 | 9,40,00 | 66,58 | 10,06,58 | 10,04,00 | 78,78 | 10,82,78 |

(Rs. in thousand)

| B. Objectwise Classification | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------|-------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|----------|------------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 1. Salaries | .. | 47,08 | 47,08 | .. | 45,07 | 45,07 | .. | 51,16 | 51,16 | .. | 57,36 | 57,36 |
| 2. Office Expenses | .. | 9,92 | 9,92 | .. | 2,85 | 2,85 | .. | 5,14 | 5,14 | .. | 3,37 | 3,37 |
| 3. Travel Expenses | .. | 1,51 | 1,51 | .. | 1,90 | 1,90 | .. | 1,94 | 1,95 | .. | 2,09 | 2,09 |
| 4. Rent | .. | 66 | 66 | .. | 2,06 | 2,06 | .. | 1,94 | 1,94 | .. | 2,06 | 2,06 |
| 5. Material & Supply | .. | .. | .. | .. | 30 | 30 | .. | 30 | 30 | .. | 31 | 31 |
| 6. Material & Equipment | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 7. Medical Charges | .. | .. | .. | .. | 86 | 86 | .. | 1,09 | 1,09 | .. | 1,59 | 1,59 |
| 8. Works | 6,80,15 | .. | 6,80,15 | 7,19,00 | 12,00 | 7,31,00 | 6,17,00 | 5,00 | 6,22,00 | 5,91,00 | 12,00 | 6,03,00 |
| 9. Loans | 2,05,58 | .. | 2,05,58 | 36,00 | .. | 36,00 | 3,21,00 | .. | 3,21,00 | 4,10,00 | .. | 4,10,00 |
| 10. Subsidy | 23 | .. | 23 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 3,00 | .. | 3,00 |
| Total—B | 8,85,96 | 59,17 | 9,45,13 | 7,57,00 | 65,04 | 8,22,04 | 9,40,00 | 66,58 | 10,06,58 | 10,04,00 | 78,78 | 10,82,78 |

(Rs. in thousand)

| C—Sources of Financing | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1. 284—Urban Development | | 39,45 | 39,45 | .. | 31,80 | 31,80 | .. | 37,23 | 37,23 | .. | 42,09 | 42,09 |
| 2. 283—Housing—A—General (a) Direction and Administration .. | .. | 6,39 | 6,39 | .. | 6,24 | 6,24 | .. | 7,36 | 7,36 | .. | 7,18 | 7,18 |
| 3. 283—Housing—Village Housing Project .. | .. | 1,02 | 1,02 | .. | 1,11 | 1,11 | .. | 1,11 | 1,11 | .. | 1,28 | 1,28 |
| 4. 283—Housing—Landless Workers Scheme .. | .. | 5,78 | 5,78 | .. | 6,13 | 6,13 | .. | 8,12 | 8,12 | .. | 7,20 | 7,20 |
| 5. 304—Other General Economic Services—Land Ceiling .. | .. | 6,53 | 6,53 | .. | 7,76 | 7,76 | .. | 7,76 | 7,76 | .. | 9,03 | 9,03 |
| 6. 504—Other General Economic Services—Land Ceiling .. | .. | .. | .. | .. | 12,00 | 12,00 | .. | 15,00 | 15,00 | .. | 12,00 | 12,00 |
| 7. 483—Capital Outlay on Housing (Crash) | 1,35,40 | .. | 1,35,40 | 1,54,75 | .. | 1,54,75 | 1,54,75 | .. | 1,54,75 | 1,65,00 | .. | 1,65,00 |
| 8. 483—Capital Outlay on Housing Construction of Houses at Chandigarh | 30,00 | .. | 30,00 | 65,00 | .. | 65,00 | 65,00 | .. | 65,00 | 63,60 | .. | 63,60 |
| 9. 483—Capital Outlay on Housing—Construction of Houses at Focal Point | 28,32 | .. | 28,32 | 34,25 | .. | 34,25 | 34,25 | .. | 34,25 | 32,40 | .. | 32,40 |
| 10. 483—Capital Outlay on Housing—Construction of Houses for Rural Homeless | 2,85,00 | .. | 2,85,00 | 2,85,00 | .. | 2,85,00 | .. | .. | .. | .. | .. | .. |
| 11. 683—Loans to Housing Board under Scheme—Construction of Houses for Rural Homeless | .. | .. | .. | .. | .. | .. | 2,85,00 | .. | 2,85,00 | 3,11,00 | .. | 3,11,00 |

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|--------------|----------------|---------------------------|--------------|----------------|----------------------------|--------------|-----------------|---------------------------|--------------|-----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 12. 483—Capital Outlay on Housing—(SIGH) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,00 | .. | 1,00 |
| 13. 283—Housing—Payment for Subsidy (SIGH) .. | 23 | .. | 23 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 3,00 | .. | 3,00 |
| 14. 683—Loans for Housing (SIGH Scheme) .. | 5,58 | .. | 5,81 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 7,00 | .. | 7,00 |
| 15. 683—Loans to other Parties .. | 30,00 | .. | 30,00 | 25,00 | .. | 25,00 | 25,00 | .. | 25,00 | 3,62,00 | .. | 62,00 |
| 16. 683—Loans for Housing—LIGH Scheme | 65,00 | .. | 65,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 10,00 | .. | 10,00 |
| 17. 683—Loans for Housing—MIGH Scheme | 35,00 | .. | 35,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 10,00 | .. | 10,00 |
| 18. 683—Loans for Housing—VHP .. | 70,00 | .. | 70,00 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 10,00 | .. | 10,00 |
| 19. 484—Urban Development | 2,01,43 | .. | 2,01,43 | 1,81,00 | .. | 1,81,00 | 3,63,00 | .. | 3,63,00 | 3,29,00 | .. | 3,29,00 |
| Total—C .. | 8,85,96 | 59,17 | 9,45,13 | 7,57,00 | 65,04 | 8,22,04 | 9,40,00 | 66,58 | 10,06,58 | 10,04,00 | 78,78 | 10,82,78 |

IV—Explanation of Financial Requirement

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|--------------|--------------|---------------------------|--------------|--------------|----------------------------|--------------|--------------|---------------------------|--------------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Salaries .. | .. | 28,99 | 28,99 | .. | 26,08 | 26,08 | .. | 29,27 | 29,27 | .. | 35,48 | 35,48 |
| Office expenses .. | .. | 8,90 | 89,0 | .. | 1,79 | 1,79 | .. | 3,79 | 3,79 | .. | 2,26 | 2,26 |
| Travel Expenses .. | .. | 90 | 90 | .. | 1,21 | 1,21 | .. | 1,26 | 1,26 | .. | 1,38 | 1,38 |
| Rents .. | .. | 66 | 66 | .. | 1,94 | 1,94 | .. | 1,94 | 1,94 | .. | 1,94 | 1,94 |
| Material & Supplies .. | .. | .. | .. | .. | 30 | 30 | .. | 30 | 30 | .. | 31 | 31 |
| Machinery & Equipment .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Medical reimbursement .. | .. | .. | .. | .. | 48 | 48 | .. | 67 | 67 | .. | 72 | 72 |
| Total .. | .. | 39,45 | 39,45 | .. | 31,80 | 31,80 | .. | 37,23 | 37,23 | .. | 42,09 | 42,60 |

The following schemes are also implemented by this department, for the implementation of these schemes, 3 posts of Deputy Directors have been sanctioned.

1. Urban Land Ceiling Act, 1975

The above Act was passed by the Government of India, in 1976 and has been enforced in Amritsar, Jullundur and Ludhiana cities. The implementation of above Act has been entrusted to the State Governments. The Punjab Government has entrusted the implementation of this scheme to this department. Three posts of Urban Ceiling Officers alongwith their supporting staff have been sanctioned. The break-up budget provision in this regard is as follows:—

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-plan | Total | Plan | Non-plan | Total | Plan | Non-plan | Total | Plan | Non-plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 304— Other General Economic Services | | | | | | | | | | | | |
| Salaries | .. | 5,95 | 5,95 | .. | 6,83 | 6,83 | .. | 6,70 | 6,70 | .. | 7,62 | 7,62 |
| Office Expenses | .. | 40 | 40 | .. | 42 | 42 | .. | 67 | 67 | .. | 43 | 43 |
| Travel Expenses | .. | 18 | 18 | .. | 26 | 26 | .. | 26 | 26 | .. | 27 | 27 |
| Rent, Rates and Taxes | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | 12 | 12 |
| Medical Reimbursement | .. | .. | .. | .. | 13 | 13 | .. | 13 | 13 | .. | 59 | 59 |
| Total | .. | 6,53 | 6,53 | .. | 7,76 | 7,76 | .. | 7,76 | 7,76 | .. | 9,03 | 9,03 |
| 504— Other Economic Services | | | | | | | | | | | | |
| Capital | .. | .. | .. | .. | 12,00 | 12,00 | .. | 5,00 | 5,00 | .. | 12,00 | 12,00 |

2. (a) Punjab Scheduled Roads and Controlled Area (Restriction of unregulated development) Act, 1963.

- (b) The Punjab New Capital (Pariphery) Control Act, 1952.

These Acts envisage restricting haphazard and mushroom growth along the schedule roads and nearby towns and cities which have been brought within the frame work of the Controlled areas. The enforcement is necessary to encourage planned development and to check unauthorised construction which can prove hazardous from planning point of view. The military authorities are also pressing very hard for checking such mushroom growth along the National Highway for security reasons. The posts of Building Inspectors, Khalasis have been sanctioned under this scheme.

In addition to above, following scheme are also being implemented by the department of Housing and Urban Development, Punjab.

3. Enforcement of Colonies Act

In order to check the haphazard and unplanned construction of houses in the State, the colonie^s Act has been enforced by the Government in the State. The work for the implementation of this Act has also been entrusted to this department 6 posts of Building Inspectors and 6 posts of Khalasis along with other staff have been sanctioned for the scheme.

1. Construction of residential buildings for Government employees at District/Tehsil headquarters and places other than District/Tehsil headquarters.

Under the scheme mentioned above, houses for Government employees are constructed for allotment on rent at District/tehsil headquarters and places other than District/tehsil headquarters. The private house-owners charge exorbitant rent from the employees and in this way half of the salary of a Government employee is chunked away by the house-owners. The allotment of Government houses on rent is considered as a boon on government employees. This scheme is very popular among the Government employees. During the year 1982-83, Rs. 154.75 lakhs have been provided under the scheme and with this amount about 80 houses will be constructed. The work under the above scheme is executed through the Punjab Housing Development Board. During the year 1983-84 Rs. 165.00 lakhs have been provided under this scheme. The details of budget provisions are given below:—

| (Rs. in thousands) | | | | | | | | | | | | |
|---------------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|---------|
| Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | |
| Capital Outlay on Housing | 1,35,40 | .. | 1,35,40 | 1,54,75 | ... | 1,54,75 | 1,54,75 | .. | 1,54,75 | 1,65,00 | .. | 1,65,00 |

This scheme was introduced during the year 1953. Under this scheme, houses are constructed for ultimate allotment to industrial workers whose monthly income does not exceed Rs. 350 p.m. and in case some houses are available, those can be allotted to Industrial workers whose income does not exceed Rs 500 p.m. Under this scheme, houses are constructed in the State Sector, Employees Sector and cooperative sector. For various types of houses ceiling costs have been fixed by the Government and irrespective of the actual expenditure involved, the loan and subsidy is allowed to the parties in employer's and co-operative sector on the basis of ceiling costs or actual cost whichever is less. The pattern of loan and subsidy is given below:—

Employer Sector

| | | |
|---------|----|---|
| Loan | .. | 50% of the ceiling cost. |
| Subsidy | .. | 25% of the ceiling cost. |
| Balance | .. | 25% of the ceiling cost or extra cost is to be invested by the private employer from his own resources. |

Co-operative Sector

| | | |
|---------|----|--|
| Loan | .. | 65% of the ceiling cost |
| Subsidy | .. | 25% of the ceiling cost |
| Balance | .. | 10% is to be met by the co-operative enterprises from its own resources. |

Loan is recovered in 15 instalments in employer's sector and 25 annual equated instalments in cooperative sector.

During the year 1982-83, Rs. 5 lakhs have been provided in the budget estimates which are proposed to be utilised as under:—

| | | |
|--|----|-------------------|
| (i) 683—Loans for Housing under Subsidised Industrial Housing Scheme | .. | Rs. 3 lakhs |
| (ii) 283—Housing payment of subsidy | .. | 2 lakhs |
| Total | .. | <u>5.00 lakhs</u> |

The details of budget provision are as under:—

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 483—Capital Outlay on Housing | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 683—Loans for Housing | 5,58 | .. | 5,58 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 7,00 | .. | 7,00 |
| 283—Housing | 23 | .. | 23 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 3,00 | .. | 3,00 |

Construction of houses for Government employees at Focal Points

Keeping in view the difficulties experienced by the Government employees posted at focal points, the Punjab Government decided to construct Government accommodation for allotment to Government employees posted at focal points. 8 houses are to be constructed at each focal point. The construction of houses is done through the Punjab Housing Development Board. During the year 1982-83, Rs. 34.75 lakhs have been provided under this Scheme to pay HUDCO liability. Similarly Rs. 32.40 lakhs have been provided under the scheme during the year 1983-84. No new construction work will be taken in hand during the year 1983-84. The details of budget grant is given below:—

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 483—Capital Outlay on Housing | 28,32 | .. | 28,32 | 34,25 | .. | 34,25 | 34,25 | .. | 34,25 | 32,40 | .. | 32,40 |

Construction of houses Government employees at Chandigarh

Keeping in view the housing difficulties of Punjab Government employees posted at Chandigarh the Punjab Government decided to construct houses at Chandigarh for allotment to government employees. 64 houses have been completed in sector 39. Land for the construction of houses in Sector 39 has been acquired and construction work is likely to be started by the Punjab Housing Development Board which the executing agency for the scheme.

During the year 1983-84, Rs. 63.60 lakhs are being provided for this scheme, to pay the HUDCO liabilities. No new construction work will be taken in hand. The details of the budget provision is as under:—

| | (Rs. in thousands) | | | | | | | | | | | |
|----------------------------------|--------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 483—Capital Outlay on Housing .. | 30,00 | .. | 30,00 | 65,00 | .. | 65,00 | 65,00 | .. | 65,00 | 63,60 | .. | 63,60 |

Houses for Rural Homeless

Under the scheme free house sites measuring 100 square yards were allotted to 2,97,439 landless workers. On these sites, the houses are to be constructed by the Punjab Housing Development Board. Upto 31st March, 1982 18,219 houses have been constructed at different places by the Punjab Housing Development Board. During the year 1982-83 about 5,400 houses will be completed under the scheme.

During the year 1983-84, Rs. 311 lakhs are being provided under the scheme. After payment of HUDCO liability and raising new loan, 4,482 houses will be constructed under the scheme. The details of the budget provision is given below:—

| | (Rs. in thousands) | | | | | | | | | | | |
|--|--------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| | 2,85,00 | .. | 2,85,00 | 2,85,00 | .. | 2,85,00 | 2,85,00 | .. | 2,85,00 | 3,11,00 | .. | 3,11,00 |

Low Income Group Housing Scheme

This scheme was started during the year 1954-55 and is being financed by the LIC of India. Loans under the scheme are sanctioned to those persons whose total family income does not exceed Rs. 7,200 per annum from all sources. The maximum loan limit under this scheme is Rs. 12,500. Loans are sanctioned through the Deputy Commissioners of the State. There is a great demand, from the public under scheme and large number of applications are pending with the Deputy Commissioners.

Rs. 3 lakhs have been provided under the scheme during the year 1982-83 for disbursement as loan. During the year 1983-84, a provision of Rs. 10 lakhs has been made for disbursement of loan. The details of budget provision are given below:—

| | (Rs. in thousand) | | | | | | | | | | | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|------|
| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | |
| 683—Loans for Housing | 65,00 | .. | 65,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 10,00 | .. | 10,00 | |
| 283—Housing—General Direction and Administration — | | | | | | | | | | | | | |
| Salaries .. | .. | .. | 6,00 | 6,00 | .. | 5,85 | 5,85 | .. | 6,85 | 6,85 | .. | 6,63 | 6,63 |
| Travel .. | .. | .. | 21 | 21 | .. | 21 | 21 | .. | 21 | 21 | .. | 22 | 22 |
| Expenses— | | | | | | | | | | | | | |
| Office | | | | | | | | | | | | | |
| Expenses .. | .. | .. | 18 | 18 | .. | 18 | 18 | .. | 20 | 20 | .. | 19 | 19 |
| Medical Charges .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,10 | 1,10 | .. | 14 | 14 |
| Total .. | .. | .. | 6,39 | 6,39 | .. | 6,24 | 6,24 | .. | 7,36 | 7,36 | .. | 7,18 | 7,18 |

Village Housing Project Scheme

The scheme was initially started during the year 1954-55. Loans under this scheme are sanctioned to villagers for the construction of houses. The maximum amount admissible under this scheme is Rs. 5,000. During the year 1982-83, Rs. 2 lacs have been provided for disbursement of loans. The details of budget provision is given below:—

(Rs. in thousands)

| | Accounts, 1982-83 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-83 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 283—Housing— | | | | | | | | | | | | |
| Salaries .. | .. | 97 | 97 | .. | 1,06 | 1,06 | .. | 1,00 | 1,00 | .. | 1,19 | 1,19 |
| Travel Expenses .. | .. | 3 | 3 | .. | 3 | 3 | .. | 3 | 3 | .. | 3 | 3 |
| Office Expenses .. | .. | 2 | 2 | .. | 2 | 2 | .. | 2 | 2 | .. | 3 | 3 |
| Medical Charges .. | .. | .. | .. | .. | .. | .. | .. | 6 | 6 | .. | 3 | 3 |
| Total .. | .. | 1,02 | 1,02 | .. | 1,11 | 1,11 | .. | 1,02 | 1,02 | .. | 1,28 | 1,28 |
| 683—Loans for Housing Village Housing Project Scheme .. | 70 | .. | 70 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 10,00 | .. | 10,00 |

Loans to other parties for building houses in urban estates

This scheme was introduced during the year 1971-72. The State Government has already invested crores of rupees for acquisition and development of land for setting up of urban estates. The loans under this scheme are sanctioned to plot-holders of urban estates and are sanctioned as under:—

| Size of plot | Amount admissible |
|---------------|-------------------|
| 100 sq. yards | Rs. .. 15,000 |
| 125 " | .. 19,000 |
| 150 " | .. 22,000 |
| 200 " | .. 30,000 |
| 250 " | .. 40,000 |
| 300 " | .. 45,000 |
| 400 " | .. 50,000 |
| 500 " | .. 55,000 |

The savings of individuals are dwindling due to high cost of living and it is not possible for a vast majority of people to construct their houses out of their saving or their own resources. It is well known fact that where-ever the construction activity picks up, it creates, in turn, more demand for plots in such places. Thus the providing of loan facility to the plot holders would help to boost the construction-activity, which in turn will create demand for plots and help the Government in realising its investment through the sale of plots. During the year 1982-83 Rs. 25 lakhs have been provided for disbursement as loans.

During the year 1983-84 Rs. 62 lakhs have been provided under this scheme. The details of budget provision is given below:—

(Rs in thousands)

| Head of account | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 683—Loans for Housing — 2—Loans to other parties for construction of houses in urban estates | 30 | .. | 30 | 25 | .. | 25 | 25 | .. | 25 | 62,00 | .. | 62,00 |

Urban Development

Shelter is man's basic need next only to food and clothing. In our country both in the rural and as well as in urban areas, there is an acute shortage of houses. Recently the need for more houses has been felt more because of the steep rise in population and low pace of housing industry in the country. The Department of Housing and Urban Development is engaged in this field and is taken steps to reduce the housing shortage and to provide modern living conditions to the people. The Department is setting up urban estates at all important places in the State.

Provision of Rs. 329 lakhs has been made during the year 1983-84.

INDUSTRIES DEPARTMENT, PUNJAB

Introduction :

Punjab, the granary of India, provides excellent opportunities for the industrial growth. By virtue of the industrial skilled labour, perfect industrial relations, well knit system of roads and excellent Railway net-work connecting practically every part of the State with the Centres of Industries and Commerce have given a tremendous progress for the development of large and medium industry, small scale industrial and village industries. Today the Punjab is the industrial heaven for over 70,000 small scale industries employing over 4.20 lacs people. There are also 253 large and medium industries.

The Non-resident Indians having got used to more systematic way of life in the more developed countries' were reluctant to invest in some business or industrial operations in India due to lengthy and complicated Rules and Regulations. In order to sort out their difficulties the Punjab Government has streamlined the procedure and has created a One Window Service, 'Udyog Sahayak' which provides required assistance in consolidated form to the new entrepreneurs especially the Non-Resident Indians. Udyog Sahayak provides all the requisite assistance to the new entrepreneurs in a consolidated form, including assistance for submission of applications and obtaining sanctions for projects from various State Department.

Without denying the fact that the small entrepreneurs cannot afford to equip themselves with the modern manufacturing technology and testing equipment and also cannot employ highly qualified technical staff to introduce standardisation and quality control. With a view to help the industrialists in overcoming this handicap the Punjab Government have set up a wide net-work of quality marking centres, Development-cum-Service Centres and Testing and Finishing Centres. Very recently 3 UNDP assisted Research and Development Centres have been set-up for Hosiery/Knitwear, Bicycles and Sewing Machines. More such projects have been conceived and proposal sent to Government of India. A central Tool Room at Ludhiana and Hand Tools Institution at Jullundur has also been set up with foreign technical assistance.

Needless to mention here that Punjab is handicapped by its remoteness from the country's mineral resources which are the basis for the development of the industry. In spite of all this, Punjab has shown a promising growth in the industrial sector because of excellent basic industrial infrastructure. Punjab offers a superb environment, it offers the entrepreneurs the services of well knit team of following dynamic corporations :—

- (1) Punjab State Industrial Development Corporation Ltd.
- (2) Punjab State Small Industries Corporation Ltd.
- (3) Punjab Financial Corporation Limited.
- (4) Punjab State Hosiery and Textile Development Corporation Ltd.
- (5) Punjab State Handloom and Textile Development Corporation Ltd.
- (6) Goindwal Industrial and Investment Corporation of Punjab Ltd.
- (7) Punjab State Leather Development Corporation Ltd.
- (8) Punjab State Electronics Development and Investment Corporation Ltd.
- (9) Punjab State Khadi and Village Industries Board.

The country's first Industrial Nucleus growth point is being established at Goindwal Sahib the famous historical place near Amritsar. For speedy implementation of this project an autonomous body i.e. The Goindwal Sahib Industrial and Investment Corporation Limited has been formed. The total cost of this project will be Rs. 80.00 crores. Several facilities are being offered to prospective entrepreneurs for setting up units in the complex.

Besides the all India Financial Institutions, the Punjab State Industrial Development Corporation and the Punjab Financial Corporation provides term loans assistance. PSIDC provides loan assistance upto Rs. 60.00 lacs while PFC limits its loan assistance to Rs. 30.00 lacs.

As per the industrial policy statement 1978, Punjab Government provides a liberal package of incentives to new industries. For this purpose the whole State has been divided into four area groups. The incentives are available in each region in a graded manner depending upon the extent of backwardness of the region where the unit is located/to be located. The package of facilities in the form of interest free loan, loan subsidy, exemption from electricity duty, contribution towards the cost of feasibility study, state subsidy, interest subsidy, central subsidy, investment loans and a variety of Tax incentives are available to the entrepreneurs.

| Head of Accounts A—Programme/Classification/Activities | Actuals, 1981-82 | | |
|--|---------------------|----------|----------|
| | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 |
| | Rs. | Rs. | Rs. |
| (a) Direction and Administration .. | 2,30 | 96,20 | 98,50 |
| (b) Industrial Estates .. | .. | 69 | 69 |
| (c) Small Scale Industries .. | 1,73,92 | 1,07,33 | 2,81,25 |
| (d) Handloom Industries .. | 30,11 | 17,33 | 47,44 |
| (e) Handicrafts .. | 2,98 | 22,39 | 25,37 |
| (f) Khadi Board Industries .. | .. | 26,16 | 26,16 |
| (g) Development of Sericulture .. | 95 | 10,24 | 11,19 |
| (h) Other Expenditure .. | 7,45,90 | 1,50 | 7,47,40 |
| (i) Large and Medium Industries .. | 37,61 | 3,06 | 40,67 |
| (j) Development of Mines & Minerals .. | 10,20 | 11,52 | 21,72 |
| (k) Regulation of Other Industries and other Undertakings .. | .. | 44 | 44 |
| (l) Regulation of Wights and Measures .. | .. | 14,57 | 14,57 |
| (m) Supplies and Disposals .. | .. | 12,45 | 12,45 |
| Grand Total A .. | 10,03,97 | 3,23,88 | 13,27,85 |
| B—Objective Classifications— | | | |
| 1. Salaries .. | 27,30 | 1,97,16 | 2,24,46 |
| 2. Wages .. | 27 | 3,21 | 3,48 |
| 3. Travel Expenses .. | 9,53 | 7,29 | 16,82 |
| 4. Office Expenses .. | 21,36 | 33,67 | 55,03 |
| 5. Rent, Rates & Taxes .. | 6,40 | 2,34 | 8,74 |
| 6. Advertisement and Publicity .. | 7 | 1,72 | 1,79 |
| 7. Other Charges .. | 7,47,90 | 15,93 | 7,63,83 |
| 8. Scholarship and Stipend .. | 38 | 9 | 47 |
| 9. Machinery & Equipment .. | 54,34 | 10,72 | 65,06 |
| 10. Maintenance .. | 1,81 | 1,51 | 3,32 |
| 11. Material & Supplies .. | 8,05 | 24,08 | 32,13 |
| 12. Grant-in-aid Subsidies .. | 1,17,99 | 26,16 | 1,44,15 |
| 13. Investment .. | .. | .. | .. |
| 14. Loans .. | .. | .. | .. |
| 15. Motor Vehicle .. | .. | .. | .. |

REQUIREMENTS

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|------------------------------|----------|----------|-------------------------------|----------|----------|-----------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 3,00 | 92,19 | 95,19 | 2,70 | 1,04,20 | 1,06,90 | 3,30 | 1,07,86 | 1,11,16 |
| .. | 80 | 80 | .. | 86 | 86 | .. | 95 | 95 |
| 2,07,60 | 1,09,80 | 3,17,40 | 2,07,76 | 1,14,54 | 3,22,30 | 3,86,40 | 1,24,25 | 5,10,65 |
| 16,16 | 19,76 | 35,92 | 1,33,90 | 19,34 | 1,53,24 | 37,84 | 22,44 | 60,28 |
| 4,00 | 21,22 | 25,22 | 3,14 | 22,80 | 25,94 | 4,81 | 24,27 | 29,08 |
| .. | 17,20 | 17,20 | .. | 18,30 | 18,30 | .. | 19,60 | 19,60 |
| 2,00 | 9,59 | 11,59 | 2,10 | 9,87 | 11,97 | 2,60 | 11,79 | 14,39 |
| 9,21,50 | .. | 9,21,50 | 6,29,50 | .. | 6,29,50 | 8,10,00 | .. | 8,10,00 |
| 35,00 | 3,44 | 38,44 | 82,77 | 3,71 | 86,48 | 1,23,00 | 3,66 | 1,26,66 |
| 1,00 | 12,35 | 13,35 | 3,00 | 13,27 | 16,27 | 2,50 | 14,23 | 16,73 |
| .. | 41 | 41 | .. | 46 | 46 | .. | 43 | 43 |
| 71 | 13,70 | 14,41 | .. | 15,43 | 15,43 | 3,00 | 16,15 | 19,15 |
| .. | 13,06 | 13,06 | .. | 13,08 | 13,08 | .. | 15,00 | 15,00 |
| 11,90,97 | 3,13,52 | 15,04,49 | 10,64,87 | 3,35,86 | 14,00,73 | 13,73,45 | 3,60,63 | 17,34,08 |
| 40,56 | 2,08,07 | 2,48,63 | 37,62 | 2,29,82 | 2,67,44 | 60,73 | 2,46,54 | 3,07,27 |
| 98 | 7,61 | 8,59 | 86 | 7,34 | 8,20 | 1,13 | 8,98 | 10,11 |
| 3,22 | 7,46 | 10,68 | 3,55 | 7,82 | 11,37 | 4,28 | 7,81 | 12,09 |
| 9,49 | 14,82 | 24,31 | 10,21 | 15,89 | 26,10 | 10,09 | 16,39 | 26,48 |
| 8,36 | 3,92 | 12,28 | 8,00 | 3,11 | 11,11 | 12,55 | 3,77 | 16,32 |
| 76 | 1,77 | 2,53 | 3,04 | 1,95 | 4,99 | 1,65 | 2,09 | 3,74 |
| 9,24,61 | 1,26 | 9,25,87 | 6,31,27 | 1,13 | 6,32,40 | 8,12,07 | 1,24 | 8,13,31 |
| 12,05 | 22 | 12,27 | 23,19 | 16 | 23,35 | 7,27 | 4 | 7,31 |
| 14,57 | 6,98 | 21,55 | 17,43 | 8,23 | 25,66 | 18,90 | 8,13 | 27,03 |
| 2,18 | 2,64 | 4,82 | 2,13 | 1,40 | 3,53 | 18 | 1,49 | 1,67 |
| 9,09 | 37,55 | 46,64 | 9,23 | 36,79 | 46,02 | 14,77 | 39,93 | 54,70 |
| 1,54,61 | 17,34 | 1,71,95 | 3,09,18 | 13,44 | 3,22,62 | 4,20,24 | 19,79 | 4,40,03 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 99 | .. | 99 | 70 | .. | 70 | 75 | .. | 75 |

| Head of Accounts | Actuals, 1981-82 | | |
|---|---------------------|----------|---------|
| | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 |
| | Rs. | Rs. | Rs. |
| 16. Pro. Tax/Prof. Service | .. | .. | .. |
| 17. Incentives | .. | .. | .. |
| 18. Rebates | .. | 8,57 | 8,57 |
| 19. Pension/Gratuity | .. | .. | .. |
| 20. Medical | .. | .. | .. |
| Total—B | .. | 10,03,97 | 3,23,88 |
| C—Sources of Financing— | | | |
| Demand No. 34 | | | |
| 257—Supplies and Disposals | .. | .. | 12,45 |
| 304—Other General Economic Services | .. | .. | 16,51 |
| 320—Large & Medium Industries | .. | 37,61 | 3,06 |
| 321—Village & Small Industries | .. | 2,10,26 | 2,80,34 |
| 328—Mines and Minerals | .. | 10,20 | 11,52 |
| 520—Capital Outlay on Industrial Research & Development | .. | 6,19,00 | .. |
| 521—Capital Outlay on Village & Small Industries | .. | 76,90 | .. |
| 525—Capital Outlay on Tex Corn Electronic Industries | .. | 50,,00 | .. |
| 530—Investment in the Industrial Financial Institution | .. | .. | .. |
| Grand Total—C (No. 34 and 41) | .. | 10,03,97 | 3,23,88 |
| Demand No. 41 | | | |
| 721—Loans to Village & Small Industries | .. | 2,34,55 | .. |
| Grand Total (Demand 34 and 41) | .. | 12,38,52 | 3,23,88 |

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|---------------------------|----------|----------|----------------------------|----------|----------|--------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 76 | .. | 76 | .. | .. | .. | .. | .. | .. |
| 8,00 | .. | 8,00 | 8,00 | 5,05 | 13,05 | 8,00 | .. | 8,00 |
| .. | 7 | 7 | 46 | .. | 46 | .. | 7 | 7 |
| 74 | 3,81 | 4,55 | .. | 3,73 | 3,73 | 84 | 4,35 | 5,19 |
| 11,90,97 | 3,13,52 | 15,04,49 | 10,64,87 | 3,35,86 | 14,00,73 | 13,73,45 | 3,60,63 | 17,34,08 |
| .. | 13,06 | 13,06 | .. | 13,08 | 13,08 | .. | 15,00 | 15,00 |
| 71 | 14,11 | 14,82 | .. | 15,89 | 15,89 | 3,00 | 16,58 | 19,58 |
| 35,00 | 3,44 | 38,44 | 82,77 | 3,71 | 86,48 | 1,23,00 | 3,66 | 1,26,66 |
| 2,32,76 | 2,70,56 | 5,03,32 | 3,49,60 | 2,89,91 | 6,39,51 | 4,34,95 | 3,11,16 | 7,46,11 |
| 1,00 | 12,35 | 13,35 | 3,00 | 13,27 | 16,27 | 2,50 | 14,23 | 16,73 |
| 4,61,50 | .. | 4,61,50 | 3,61,50 | .. | 3,61,50 | 5,80,00 | .. | 5,80,00 |
| 4,00,00 | .. | 4,00,00 | 2,08,00 | .. | 2,08,00 | 1,70,00 | .. | 1,70,00 |
| 60,00 | .. | 60,00 | 60,00 | .. | 60,00 | 60,00 | .. | 60,00 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 11,90,97 | 3,13,52 | 15,04,49 | 10,64,87 | 3,35,86 | 14,00,73 | 13,73,45 | 3,60,63 | 17,34,08 |
| 1,33,00 | .. | 1,33,00 | 1,27,50 | .. | 1,27,50 | 3,19,80 | .. | 3,19,80 |
| 13,23,97 | 3,13,52 | 16,37,49 | 11,92,37 | 3,35,86 | 15,28,23 | 16,93,25 | 3,60,63 | 20,53,88 |

III—Explanation of Financial Requirements

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (a) Direction and Administration .. | 2,03 | 96,20 | 98,50 | 3,00 | 52,19 | 95,19 | 2,70 | 1,04,20 | 1,06,90 | 3,30 | 1,07,86 | 1,11,16 |

The Department of Industries, Punjab is headed by the Director who is also overall incharge of Store Purchase and Weights and Measures Organisations. He is further assisted by Industrial Adviser, Technical Expert (CE), State Textile Officer, Joint Directors, State Geologist, Deputy Directors, Chief Coordinator, Assistant Directors and other officers and staff of headquarters. The policy formulation executive directions and administrative orders are issued from the Directorate which are further implemented by Assistant Directors and General Managers, District Industries Centres in the Head Office as well as at the district level. Affairs of Nepco Beval Gears of India are managed by the Administrative Nepco Beval Gears of India Ltd., at New Delhi, is also the Joint Secretary to Government, Punjab Industries Department. Staff Position is as under :—

TABLE I

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. 18 | 18 | 18 |
| Class II | .. 29 | 29 | 29 |
| Class III | .. 309 | 310 | 310 |
| Class IV | .. 104 | 106 | 106 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (b) Industrial Estates .. | .. | 69 | 69 | .. | 80 | 80 | .. | 86 | 86 | .. | 95 | 95 |

The scheme for setting up of industrial estates in Punjab was introduced in 1962, and 11 Urban Industrial Estates and 20 Rural Industrial Estates were established in Punjab with the Loan Amount granted by the Government of India.

2. The purpose for creating this type of infrastructure was to encourage the setting up of Small Scale Industrial Units. The State Government acquired the land and constructed sheds in these estates. At first these sheds were allotted on lease on concessional rates to the industrialists who were not having their own industrial buildings, for setting up Small Scale Industries.

3. Later on Government of India issued instructions to give these sheds to the concerned allottees on hire-purchase/out-right purchase basis. Accordingly, some sheds have already been allotted on hire purchase basis and some are being allotted to the Industrialists in the light of instructions of the Government of India.

STAFF POSITION

TABLE II

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 2 | 2 | 2 |
| Class II | .. | .. | .. |
| Class III | .. | .. | .. |
| Class IV | .. | .. | .. |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (c) Small Scale Industries | 1,73,92 | 1,07,33 | 2,81,25 | 2,07,60 | 1,09,80 | 3,17,40 | 2,07,76 | 1,14,54 | 3,22,30 | 3,86,40 | 1,24,25 | 5,10,65 |

(e) The major authorities and achievement for the year 1982-83 and the programmes for the year 1983-84 in respect of the various schemes being dealt with the small industries section are given as under:—

(i) Strengthening of Punjab State Small Industries Corporation :

The Punjab State Small Industries Corporation was set up during the year 1962. The main objectives to set up this corporation was to assist the small scale industrial units in the matter of procurement/distribution of essential raw materials at cheaper rates marketing of their end preproducts, supply of machinery on hire-purchase basis, etc. The authorities of the corporation have increased manifold. In order to meet with the requirements of the Corporation a payment of 35.00 lakhs has been made under this scheme for investment in the share capital for the Punjab State Small Industries Corporation for the year 1979-80. A provision of Rs. 20.00 lakhs was made during 1981-82 under the scheme but this amount was diverted to Goindwal Project. No budget provision was made during the year 1982-83.

State Government is being requested to grant an amount of Rs. 20.00 lakhs for the year 1983-84 and the S.N.E. in this respect is being sent to Government.

(ii) Opening of Liaison Office at Calcutta :

In order to keep liaison with the official of the Joint Committee Coal Controller and other office of the Government of India for the purpose of allocation of coal, coke and scarce raw materials and movement of rail wagons, a Liaison Office was set up at Calcutta during the year 1974-75. A sum of Rs 1.94 lakhs had been provided under this scheme during 1980-81. A provision of Rs. 2.07 lakhs has been made during 1981-82 and a provision of Rs. 2.00 lakhs has already been made for 1982-83 which might be revised in re-appropriation.

State Government has been requested to grant to Rs. 3.04 lakhs during next financial year 1983-84 and S.N.E. has already been issued in this respect.

1)ii) Grant of Gen. set subsidy

To overcome the General shortage of electricity in the state a scheme for the grant of subsidy for the purchase of generating sets was formulated by the Government during the year 1974-75 under scheme 20% subsidy is granted by the Government on the total cost of the generating sets purchased by the Industrialists after obtaining loan to the extent of 75% from the Punjab Financial Corporation /Nationalised banks and 25% is contributed by the purchaser from his own sources. A sum of Rs. 2.50 lakhs was provided for the year 1980-81 under this scheme. During the year 1979-80 an amount of Rs. 2.68 lakhs was disbursed as subsidy through the P.F.C./Nationalised banks. No budget provision has been made for the year 1981-82 under this scheme and the Government was requested to grant an amount of Rs. 10.00 lakhs in excesses and surrenders statement under this scheme and the State Government has already been requested to grant an amount of Rs. 10.00 lakhs for the year 1982-83 but the State Government regret their inability to revive the subsidy scheme for the purchase of generating sets. The state Government is being requested through the statement of excesses and surrenders to grant Rs.10.00 lakhs under this scheme.

S.N.E. is being sent to Government for the grant of Rs. 20.00 lakhs for this scheme for the year 1983-84.

(iv) Grant of 2% subsidy for the rate of interest of loans advanced by the P.F.C. for the purchase of Generating Sets.

In order to meet the shortage of Electricity the industrial units were encouraged to instal their own generating sets for which the loans were granted by the P.F.C. and the rate of interest was subsidized to the extent of 2% by the State Government the amount equal to 2% rate of interest which is to be granted as subsidy is reimbursed to the P.F.C. every year. During the year 1981-82 a budget provision of Rs. 0.10 lakhs was made under this scheme and Rs. 0.05 lakhs for the current financial year.

A provision of Rs. 0.05 lakh has been made under this scheme for the year 1983-84.

Leather Industry

Punjab has vast resources for the development of leather industry. The Development Officer (Leather) are functioning at Jullundur and Malerkotla for the purpose. Other Tanning Centres are at Banga, Kotkapura and Malerkotla. In addition, there are six Hide Flaying Centres at Amritsar, Jullundur, Bhatinda, Malerkotla, Hoshiarpur and Kapurthala. Other ventures for footwear training centres are being run at Sunam for the manufacture of modern type of shoes and leather goods including one shoe and leather centre at Badrukhan and another two training Centres, one is Orientation Training Centre, Dhanuala and shoe making demonstration party at Sarti in Gurdaspur District. One Light Leather Development (tanning) Centre is also being set-up at Amritsar to provide modern techniques and raw materials to sport industries. The Punjab State Leather Development Corporation has been set up with an authorised share capital of Rs. 200 lacs.

CLASSIFICATION OF POSTS

TABLE III

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | 2 | 2 |
| Class III | .. | 33 | 33 |
| Class IV | .. | 22 | 22 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|---------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (d) Handloom Industries | 30,11 | 17,33 | 47,44 | 16,16 | 19,63 | 35,92 | 1,33,90 | 19,34 | 1,53,24 | 37,84 | 22,44 | 60,28 |

Under the Handloom Development programme, the weavers are provided Technical Financial and Marketing Assistance under the various scheme launched by the State Government such as installation of Handloom machinery and equipment. Training of weavers, setting up of Training-cum-Production Centre, Sujampur, and rebate on sale of Handloom cloth, etc. These schemes are aimed at providing employment opportunities to the rural artisans and improving the financial status of the Handloom weavers who belong to the weaker section of the society.

The Punjab State Handloom Textile Development Corporation also provides these facilities to handloom weavers and it is under the consideration of the Corporation to set-up handloom weaving complexes all over the state with a view to covering as many expert weavers as possible. This not only ensure employment to the weavers throughout the year, but also remunerative charges for their products. Besides, there is a proposal by the Corporation to implement the World Bank Project for the development of handloom industry. The cost of the project is 88 crores and would provide employment to 46,000 persons when implemented.

TABLE IV
Staff position

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 1 | 1 | 1 |
| Class II | 6 | 6 | 6 |
| Class III | 73 | 73 | 73 |
| Class IV | 62 | 62 | 62 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (a) Handicrafts Industries | 2,98 | 22,39 | 25,37 | 4,00 | 21,22 | 25,22 | 3,14 | 22,80 | 25,94 | 4,81 | 24,27 | 29,08 |

(I) The Handicrafts pay a vital role only in the decoration of houses but also for providing employment and earning foreign exchange. The Handicrafts also reflects the culture and civilisation and scope and fears of generation through artistic expression, etc.

TABLE V

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | 13 | 13 | 53 |
| Class IV | 5 | 5 | 1 |

(II) Integrated Rural Development Programme

The Government has started Integrated Rural Development Programme with a view to provide gainful employment to the rural artisans/landless labourers/marginal farmers and other unemployed/semi-employed persons in the rural areas. The relation of village and cottage industries in this behalf is very great. For setting up of such tiny units based on local talent and raw material will increase the per capital income of the rural people. During the year 1983-84 there is a provision of Rs. 50.00 lacs and target for the creation of 4,500 V.I. units has been framed. The Department of Industries, Punjab, will provide a package of incentives/facilities for setting up of village/rural industries in the rural areas of the state.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (f) Development of Khadi Board Industries .. | .. | 26,16 | 26,16 | .. | 17,20 | 17,20 | .. | 18,30 | 18,30 | .. | 19,60 | 19,60 |

The Department intended to widen the scope of the scheme to accelerate the place of Development of extending package of incentive broadly on the pattern of Rural Industrial Project scheme of the Union Government. This still attracts new entrepreneurs and also other Industries covered by the Khadi and Village Industries Board.

TABLE VI

Staff Position

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | 4 | 5 |
| Class III | .. | 102 | 108 |
| Class IV | .. | 19 | 19 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (g) Development of Sericulture .. | 95 | 10,24 | 11,19 | 2,00 | 9,59 | 11,59 | 2,10 | 9,87 | 11,97 | 2,60 | 11,79 | 14,39 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (i) Large and Medium Industries | 37,61 | 3,06 | 40,67 | 35,00 | 3,44 | 38,44 | 82,77 | 3,71 | 86,48 | 1,23,00 | 3,66 | 1,26,66 |

The Punjab Government has always been very much concerned for the development of Industries in the State. Various development programmes were undertaken from time to time which resulted in considerable growth of Industries particularly in the small scale sector.

In order to promote further industrial development, the following programme are under-way :—

- (1) Grant of incentives.
- (2) Development of Industrial Focal Points.

Grant of incentives :

Incentives are available in the current industrial policy in a graded manner depending upon the extent of backwardness of the region. These incentives include grant of interest free loan, exemption from electricity duty, land subsidy, subsidy of electricity tariff, exemption/refund of octroi/terminal tax, contribution towards the cost of feasibility reports, etc. A sum of Rs. 330.00 lacs have been provided during the year 1982-83 and a sum of Rs. 692.00 lacs is proposed to be provided during the year 1983-84. It is a committed liability and no employment is envisaged.

Development of Industrial Focal Points :

- (1) S.A.S. Nagar.
- (2) Dhandari Kalan.
- (3) Rajpura.
- (4) Hoshiarpur.
- (5) Khanna.
- (6) Moga.
- (7) Kotkapura.
- (8) Bhatinda.
- (9) Nawanshehr.
- (10) Sangrur.
- (11) Jullundur.
- (12) Batala.
- (13) Tarn-Taran.
- (14) Nabha.
- (15) Amritsar.

15 Focal Points have already been set up. Three more focal points will be set up during the year 1983-84 under the self-financing scheme. These are at Malerkotla, Doraha and Dera Bassi.

TABLE IX

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 3 | 3 | 3 |
| Class II | 1 | 1 | 1 |
| Class III | 22 | 22 | 22 |
| Class IV | 11 | 11 | 11 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (j) Development of Mines & Minerals .. | 10,20 | 11,52 | 21,72 | 1,00 | 12,35 | 13,35 | 3,00 | 13,27 | 16,27 | 2,50 | 14,23 | 16,73 |

This wing carries out the work of Geological, Geo-technical, Geophysical and Geo-hydrological investigations pilot Plant Studies mineral research and mineral conservation in the State. The testing of samples of minerals, rocks, ground-water, soils for foundation design for industrial purposes etc. is carried out in Geological Laboratory at S.A.S. Nagar (Mohali). The main objects of these investigations/surveys are (i) Search for minerals, evaluation of minerals, etc. (ii) to provide basic sub-surface data for foundation design to industrial entrepreneurs, (iii) to select suitable sites by Geo-electric Resistivity survey methodology to carry out pilot plant study and mineral research for making proven minerals for like white quartzite roundstones, kankar, Salpetre, etc., industrially utilisable. (iv) to implement Minor Minerals Concessions Rules.

Geological Survey brings three fold benefits to the state, firstly these pave way for the setting up of mineral based industries and other industries, in the State ; secondly these bring in mineral employment in mining and industrial sectors and thirdly it gives revenue in the form of royalty.

Staff Position is as under :—

TABLE X

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 3 | 3 | 3 |
| Class II | 11 | 11 | 11 |
| Class III | 44 | 44 | 50 |
| Class IV | 25 | 25 | 27 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (k) Regulations of other Industries & undertakings | .. | 44 | 44 | .. | 41 | 41 | .. | 46 | 46 | .. | 43 | 43 |

It aims at increasing the Indian Partnership and Societies Registration in respect of regulating the Indian Partnership firms and Charitable Societies, etc. and for the administration of Indian Partnership Act, 1932 and Societies Registration Act, 1860.

TABLE XI
Staff Position

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | .. | .. |
| Class III | .. | 3 | 3 |
| Class IV. | .. | 1 | 1 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (i) Regulation of Weights & Measures | .. | 14,57 | 14,57 | 71 | 13,70 | 14,41 | .. | 15,43 | 15,43 | 3,00 | 16,15 | 19,15 |

The Punjab Weights & Measures is a permanent organisation in the State. The work of this organisation has increased considerably due to extension of Punjab Weights & Measures (Enforcement) Act, 1958 in new field of activities and the extension of the scope of realisation of stamping, fees etc. The activities of this organisation has a long field including stamping, verification and checking of Weights and Measures, Weighing and Measuring Instruments of the trading community.

TABLE XII
Staff Position

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | 1 | 1 | 1 |
| Class II | 1 | 1 | 1 |
| Class III | 113 | 113 | 113 |
| Class IV | 8 | 8 | 8 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (m) Supplies & Disposals (a) purchases .. | .. | 12,45 | 12,45 | .. | 13,06 | 13,06 | .. | 13,08 | 13,08 | .. | 15,00 | 15,00 |

The functions of the Controlles of Stores, Punjab are :—

- (1) to arrange annual rate contracts of items required by various Departments.
- (2) to arrange adhoc purchases of the various departments.
- (3) to register and maintain the list of suppliers.
- (4) Disposal of unserviceable stores of the various Departments.
- (5) Operation of DGS & D rate contract on behalf of the various Departments.

In the year 1978 the system was decentralised as far as adhoc purchases on behalf of the various departments are concerned, but the Government have agreed to allow various Departments to avail of the services of this organisation for making adhoc purchases, if they so desire. This department, therefore, has also been effecting adhoc purchases of various departments alongwith arranging the annual rate contracts of commonly used items. The expenditure in the organisation is mainly on the salary of the staff and advertisement purposes. The organisation also earns revenue by way of sale of tenders and registration fee etc.

TABLE XIII

| | | 1981-82 | 1982-83 | 1983-84 |
|-----------|----|---------|---------|---------|
| Class I | .. | 1 | 1 | 1 |
| Class II | .. | 4 | 4 | 4 |
| Class III | .. | 70 | 70 | 70 |
| Class IV | .. | 14 | 14 | 14 |

INDUSTRIAL TRAINING DEPARTMENT, PUNJAB**I—Introduction**

In the past, this Department was a part of the Industries Department. Since May, 1962, it has been functioning as a separate Department. It is headed by the Director, Shri T.S. Basur, who is also the Director of Technical Education Department. The Director also holds the post of State Apprenticeship Adviser, in the Punjab Government, under the Apprentices Act, 1961.

The Director of Technical Education and Industrial Training, Punjab, is assisted by the following Officers :—

1. One Deputy Apprenticeship Adviser.
2. Three Deputy Directors.
3. One Accounts Officer.
4. One Assistant Apprenticeship Adviser.
5. One Assistant Controller of Examinations.
6. Seven Assistant Directors/Assistant Directresses.
7. One Technical Officer.

The Industrial Training Programme aims at meeting the growing demand of industry for skilled workers, improving the skill of Technicians through systematic and Scientific Training and increasing the employability of the educated men and women.

| Serial No. | A—Programme/Activities/Classification | Accounts, 1981-82 | | |
|------------|---|-------------------|----------|---------|
| | | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 | 5 |
| | | Rs. | Rs. | Rs. |
| 1 | (a) Direction and Administration—2—Directorate of Industrial Training, Punjab | .. | 23,35 | 23,35 |
| 2 | (d) Training of Craftsmen | .. | 2,51,76 | 2,51,76 |
| | (2) Apprenticeship Training | .. | 7,94 | 7,94 |
| 3 | Industrial School for Boys | .. | 2,13 | 2,13 |
| 4 | Industrial Schools for Girls | .. | 94,87 | 94,87 |
| 5 | Institute of Textile Technology | .. | 6,00 | 6,00 |
| 6 | Institute of Textile Chemistry and Knitting Technology | .. | 18,71 | 18,71 |
| 7 | Financial Assistance for Industrial Training | .. | 1,10 | 1,10 |
| 8 | Arts and Crafts Teachers Training Institutes | .. | 5,33 | 5,33 |
| 9 | Institute of Garments Technology | .. | 4,13 | 4,13 |
| 11 | Polytechnic for Women | .. | 5,79 | 5,79 |
| 12 | Government Tanning Institute | .. | 5,94 | 5,94 |
| 13 | Starting of I.T.I. at Lalru and Baba Bakala | .. | 2,83 | 2,83 |
| 14 | Opening of Training-cum-Placement Cell | .. | .. | .. |
| 15 | Work Centre Rajpura | .. | 2,94 | 2,94 |
| 16 | Modernisation of I.T.I., Patiala | .. | 6 | 6 |
| 17 | Starting of Related Instructions Centre | .. | .. | .. |
| 18 | IT(C) 1.1—Conversion of unpopular trades into popular ones and introduction of new trades | 3,30 | .. | 3,30 |
| 19 | ITC—1.2—Addition to and Replacement of Tools and equipment | 3,75 | .. | 3,75 |
| 20 | IT(C) 1.3—Training Seminars and Study Tours of Staff | 92 | .. | 92 |
| 21 | IT(C)-1-6-4—Creation of Training-cum-Placement Cell | 80 | .. | 80 |
| 22 | IT(C)-1.8-5—Apprenticeship Training Wing | 15 | .. | 15 |
| 23 | IT(C)-8.7—Starting of Related Instructions Centre | 54 | .. | 54 |
| 24 | IT(C)-1.9-3—Modernisation of I.T.Is. under ILO Programme | 28 | .. | 28 |
| 25 | IT(C)-1.10-9—Upgradation of R.A.T.Cs./Teach Schools/Government Industrial Schools for Boys and opening of new I.T.Is. | .. | .. | .. |
| 26 | ITS(2.3)—Opening of new Industrial Schools and introduction of additional seats in the existing schools | 5,83 | .. | 5,83 |
| 27 | ITS-2.1-11—Opening of Teachers Training Classes | 1,57 | .. | 1,57 |
| 28 | IT(S)-2.5-12—Training-cum-production Centres | 84 | .. | 84 |
| 29 | IT(S)2.6-13—Study Tours—Training and Re-Training Educational Study Tours, Seminar and Conferences | 3 | .. | 3 |

requirements

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| .. | 20,59 | 20,59 | .. | 21,60 | 21,60 | .. | 22,31 | 22,31 |
| .. | 2,82,69 | 2,82,69 | .. | 3,07,78 | 3,07,78 | .. | 3,36,12 | 3,36,12 |
| .. | 9,49 | 9,49 | .. | 10,08 | 10,08 | .. | 10,68 | 10,68 |
| .. | 2,81 | 2,81 | .. | 2,88 | 2,88 | .. | 3,26 | 3,26 |
| .. | 66,59 | 66,59 | .. | 69,71 | 69,71 | .. | 76,13 | 76,13 |
| .. | 6,21 | 6,21 | .. | 6,39 | 6,39 | .. | 6,94 | 6,94 |
| .. | 7,38 | 7,38 | .. | 7,84 | 7,84 | .. | 8,83 | 8,83 |
| .. | 1,20 | 1,20 | .. | 1,20 | 1,20 | .. | 1,26 | 1,26 |
| .. | 7,20 | 7,20 | .. | 7,77 | 7,77 | .. | 7,64 | 7,64 |
| .. | 3,99 | 3,99 | .. | 4,24 | 4,24 | .. | 4,66 | 4,66 |
| .. | 5,33 | 5,33 | .. | 5,56 | 5,56 | .. | 6,09 | 6,09 |
| .. | 4,73 | 4,73 | .. | 4,94 | 4,94 | .. | 5,38 | 5,38 |
| .. | 4,28 | 4,28 | .. | 4,57 | 4,57 | .. | 4,82 | 4,82 |
| .. | 86 | 86 | .. | 94 | 94 | .. | 1,01 | 1,01 |
| .. | 3,70 | 3,70 | .. | 4,02 | 4,02 | .. | 4,20 | 4,20 |
| .. | 54 | 54 | .. | .. | .. | .. | .. | .. |
| .. | 52 | 52 | .. | 55 | 55 | .. | 58 | 58 |
| 4,50 | .. | 4,50 | 4,50 | .. | 4,50 | 4,50 | .. | 4,50 |
| 4,00 | .. | 4,00 | 4,00 | .. | 4,00 | 4,00 | .. | 4,00 |
| 1,00 | .. | 1,00 | 1,00 | .. | 1,00 | 1,00 | .. | 1,00 |
| 80 | .. | 80 | 30 | .. | 30 | 80 | .. | 80 |
| 70 | .. | 70 | 70 | .. | 70 | 70 | .. | 70 |
| 60 | .. | 60 | 64 | .. | 64 | 60 | .. | 60 |
| 7,00 | .. | 7,00 | 5,47 | .. | 5,47 | 7,00 | .. | 7,00 |
| 5,70 | .. | 5,70 | 3,69 | .. | 3,69 | 5,70 | .. | 5,70 |
| 2,00 | .. | 2,00 | 4,04 | .. | 4,04 | 2,00 | .. | 2,00 |
| 1,00 | .. | 1,00 | 1,75 | .. | 1,75 | 1,00 | .. | 1,00 |
| 1,00 | .. | 1,00 | 1,25 | .. | 1,25 | 1,00 | .. | 1,00 |
| 50 | .. | 50 | 70 | .. | 70 | 50 | .. | 50 |

| Serial No. | A—Programme /Activities/Classification | Accounts, 1981-82 | | |
|------------|--|-------------------|----------|---------|
| | | Plan | Non-Plan | Total |
| | | Rs. | Rs. | Rs. |
| 30 | IT(S)2.7-14—Modernisation and Replacement of Machinery in Schools | .. | .. | .. |
| 31 | T.E.S.-15—Introduction of new Courses at Government Polytechnic for Women, Jullundur | 1,50 | .. | 1,50 |
| 32 | IT.T.E. 4.3—Modernisation of Buildings/Machinery/Equipment/ Library Institutes | .. | .. | .. |
| 33 | Setting up Rural Training Cell under Industrial Training Institutes | .. | .. | .. |
| 34 | T.E. 4.2-(b)-21—Starting of Second Shift at Punjab Institute of Textile Technology, Amritsar | 17 | .. | 17 |
| | Total 'A' | 19,68 | 4,32,88 | 4,41,49 |
| | B—Object-wise Classification | | | |
| 1 | Salary | 7,54 | 3,17,85 | 3,25,39 |
| 2 | Travelling expense | 96 | 3,27 | 4,23 |
| 3 | Office Expenses | 9 | 15,96 | 16,05 |
| 4 | Other Charges | 3 | 6,87 | 6,90 |
| 5 | Material and Supplies | 2 | 41,62 | 41,64 |
| 6 | Scholarships/Stipends | 15 | 13,81 | 13,96 |
| 7 | Rent, Rates and Taxes | 9 | 1,92 | 2,01 |
| 8 | Machinery and Equipment, Tools and Plants | 10,80 | 3,68 | 14,48 |
| 9 | Maintenance | .. | 2,15 | 2,15 |
| 10 | Payment of Professional Services | .. | 13,69 | 13,69 |
| 11 | Wages | .. | 42 | 42 |
| 12 | Advertising Sales and Publicity expenses | .. | 4 | 4 |
| 13 | Medical Charges | .. | .. | .. |
| 14 | Liveries | .. | 53 | 53 |
| | Total | 19,68 | 4,21,81 | 4,41,49 |

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2,50 | .. | 2,50 | 2,50 | .. | 2,50 | 2,50 | .. | 2,50 |
| 50 | .. | 50 | 70 | .. | 70 | 50 | .. | 50 |
| 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 |
| .. | .. | .. | .. | .. | .. | 4,00 | .. | 4,00 |
| 50 | .. | 50 | 50 | .. | 50 | 50 | .. | 50 |
| 35,30 | 4,28,11 | 4,63,41 | 34,74 | 4,60,07 | 4,94,81 | 39,30 | 4,99,91 | 5,39,21 |
| 7,53 | 3,44,53 | 3,52,06 | 7,27 | 3,72,23 | 3,79,50 | 8,50 | 4,11,28 | 4,19,78 |
| 1,27 | 2,37 | 3,64 | 1,12 | 2,36 | 3,48 | 1,31 | 2,38 | 3,69 |
| 36 | 4,68 | 5,04 | 30 | 4,64 | 4,94 | 43 | 4,86 | 5,29 |
| 92 | 4,07 | 4,99 | 1,10 | 4,07 | 5,17 | 92 | 4,19 | 5,11 |
| 1,96 | 36,04 | 38,00 | 2,04 | 43,54 | 45,58 | 2,20 | 37,13 | 39,33 |
| 77 | 19,53 | 20,30 | 88 | 18,23 | 19,11 | 1,43 | 19,64 | 21,07 |
| 53 | 3,46 | 3,99 | 55 | 3,46 | 4,01 | 65 | 3,50 | 4,15 |
| 21,70 | 1,32 | 23,02 | 21,27 | 1,32 | 22,59 | 23,59 | 1,35 | 24,94 |
| .. | 1,70 | 1,70 | .. | 1,70 | 1,70 | .. | 1,76 | 1,76 |
| .. | 1,09 | 1,09 | .. | 1,09 | 1,09 | .. | 1,32 | 1,32 |
| 5 | 41 | 45 | 6 | 41 | 47 | 5 | 41 | 46 |
| 5 | 14 | 19 | 6 | 11 | 17 | 5 | .. | 5 |
| 16 | 7,99 | 8,15 | 9 | 6,21 | 6,30 | 17 | 7,27 | 7,44 |
| .. | 78 | 78 | .. | 70 | 70 | .. | 4,82 | 4,82 |
| 35,30 | 4,28,11 | 4,63,41 | 34,74 | 4,60,07 | 4,94,81 | 39,30 | 4,99,91 | 5,39,21 |

"495—Capital Outlay on other Social and Community

| A—Programme/Activity/Classification | Accounts, 1981-82 | | |
|---|-------------------|----------|-------|
| | Plan | Non-Plan | Total |
| A—Progress/Activity Classification | | | |
| | Rs | Rs | Rs |
| 1. Work Centre, Rajpura | .. | 15,27 | 15,27 |
| Total 'A' | .. | 15,27 | 15,27 |
| B—Object-wise Classification | | | |
| 1. Salary | .. | .. | .. |
| 2. Wages | .. | .. | .. |
| 3. Travel Expenses | .. | .. | .. |
| 4. Office Expenses | .. | 1,527 | 1,527 |
| 5. Rent, Rates and Taxes | .. | .. | .. |
| 6. Machinery and Equipment/Tools and Plants | .. | .. | .. |
| 7. Maintenance | .. | .. | .. |
| 8. Material and Supplies | .. | .. | .. |
| 9. Other Charges | .. | .. | .. |
| Total 'B' | .. | 1,527 | 1,527 |
| 1. 3—Industrial Training Centres— | | | |
| SC-1.5-1-Technical Training in Indl. Trades | .. | 6,85 | 6,85 |
| Total 'A' | .. | 6,85 | 6,85 |

Services

(Rs in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| .. | 16,04 | 16,04 | .. | 15,94 | 15,94 | .. | 16,26 | 16,26 |
| .. | 16,04 | 16,04 | .. | 12,94 | 15,94 | .. | 16,26 | 16,26 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 4,50 | 4,50 | .. | 4,50 | 4,50 | .. | 4,72 | 4,72 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 15 | 15 | .. | 15 | 15 | .. | 15 | 15 |
| .. | 1,05 | 1,05 | .. | 1,05 | 1,05 | .. | 1,05 | 1,05 |
| .. | 6 | 6 | .. | 6 | 6 | .. | 6 | 6 |
| .. | 17 | 17 | .. | 17 | 17 | .. | 17 | 17 |
| .. | 9,20 | 9,20 | .. | 9,20 | 9,20 | .. | 9,20 | 9,20 |
| .. | 91 | 91 | .. | 81 | 81 | .. | 91* | 91 |
| .. | 16,04 | 16,04 | .. | 15,94 | 15,94 | .. | 16,26 | 16,26 |
| 15,00 | 9,96 | 24,96 | 8,00 | 9,78 | 17,78 | 15,00 | 11,30 | 26,30 |
| 15,00 | 9,96 | 24,96 | 8,00 | 9,78 | 17,78 | 15,00 | 11,30 | 26,30 |

(b) Welfare of Scheduled

| Serial No. | | Accounts, 1981-82 | | |
|-------------------------------------|---|-------------------|----------|---------|
| | | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 | 5 |
| B—Object-wise Classification | | | | |
| | | Rs | Rs | Rs |
| 1. | Salary | .. | 5,02 | 5,02 |
| 2. | Travelling Expenses | .. | 10 | 10 |
| 3. | Office Expenses | .. | 1,04 | 1,04 |
| 4. | Rent, Rates and Taxes | .. | 6 | 6 |
| 5. | Scholarships and Stipends | .. | 55 | 55 |
| 6. | Machinery and Equipment | .. | 1 | 1 |
| 7. | Material and Supplies | .. | .. | .. |
| 8. | Other Charges | .. | .. | .. |
| 9. | Medical Reimbursement | .. | .. | .. |
| 10. | Maintenance | .. | 7 | 7 |
| 11. | Liveries | .. | .. | .. |
| | Total —B | .. | 6,85 | 6,85 |
| C—Sources of Financing | | | | |
| Demand No. 22 | | | | |
| | Major Head—287—Labour and Employment | .. | 4,21,81 | 4,41,49 |
| 2. | “288—Social Security and Welfare” | .. | 6,85 | 6,85 |
| 3. | “495—Capital Outlay on other Social and Community Services” | .. | 15,27 | 15,27 |
| | Total—C | 19,68 | 4,43,93 | 4,63,61 |

Castes

(Rs in thousands)

| Budget Estimates, 1982-83 | | | Revised Budget, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|----------|---------|-------------------------|----------|---------|---------------------------|----------|---------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 2,26 | 5,98 | 824 | .. | 6,52 | 6,52 | 2,26 | 7,20 | 9,46 |
| 3 | 6 | 9 | .. | 6 | 6 | 3 | 6 | 9 |
| 10 | 16 | 26 | .. | 16 | 16 | 10 | 16 | 26 |
| 10 | 29 | 39 | .. | 29 | 29 | 10 | 29 | 39 |
| 8,50 | 2,12 | 10,62 | 8,00 | 1,40 | 9,40 | 8,50 | 2,12 | 10,62 |
| 3,64 | .. | 3,64 | .. | .. | .. | 3,64 | .. | 3,64 |
| 28 | 1,11 | 1,39 | .. | 1,11 | 1,11 | 28 | 1,11 | 1,39 |
| 5 | 3 | 8 | .. | 3 | 3 | 5 | 3 | 8 |
| 4 | 11 | 15 | .. | 11 | 11 | 4 | 13 | 17 |
| .. | 10 | 10 | .. | 10 | 10 | .. | 10 | 10 |
| .. | .. | .. | .. | .. | .. | .. | 10 | 10 |
| 15,00 | 9,96 | 24,96 | 8,00 | 9,78 | 17,78 | 15,00 | 11,30 | 26,30 |
| 35,30 | 4,28,11 | 4,63,41 | 34,74 | 4,60,07 | 4,94,81 | 39,30 | 4,99,91 | 5,39,21 |
| 15,00 | 9,96 | 24,96 | 8,00 | 9,78 | 17,78 | 15,00 | 11,30 | 26,30 |
| .. | 16,04 | 16,04 | .. | 15,94 | 15,94 | .. | 16,26 | 16,26 |
| 50,30 | 4,34,11 | 5,04,41 | 42,74 | 4,85,79 | 5,28,53 | 54,30 | 5,27,47 | 5,81,77 |

III—Explanation of Financial Requirements

The Budget provision in respect of the above depicted officers as well as non-Gazetted Staff, working at the Headquarters is as under :—

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| (a)—Direction and Administration—2— Directorate of Industrial Training, Punjab | .. | .. | 23,35 | 23,35 | .. | 20,59 | 20,59 | .. | 21,60 | 21,60 | .. | 22,31 | 22,31 |

At present training in 32 Engineering and 24 Non-Engineering trades of the Diploma Certificates level is being imparted through the following institutions in the State :—

- (i) 38 Industrial Training Institutes/Centres.
- (ii) 44 Government Industrial Schools for Girls.
- (iii) Five Industrial Training Centres for the Welfare of Scheduled Castes and Backward Classes.
- (iv) One Industrial School for Boys, at Hoshiarpur.
- (v) Six Special Trade Institutes.
- (vi) One Government Polytechnic for Women, at Jullundur.

The training is also imparted in Engineering as well as Non-Engineering trades through the Apprenticeship Scheme functioning under the Apprentices Act, 1961, and at present 2775 apprentices are undergoing training in well established private and public factories. This Department is also running Evening Classes for about 450 workers, so that they are given a chance to improve their technical knowledge and skill to further their earning capacity.

During the year under report, all the programmes mentioned above will continue.

The major schemes of the Department are hereinafter dealt with.

(a) Draftsmen Training Scheme :

This is the main scheme operated by the Department in order to train the Boys and Girls in various Engineering as well as Non-Engineering trades. This scheme is being run on All India pattern under the guidance of Ministry of Labour and Employment, Government of India. Prior to 1956, this scheme was run under the control of Government of India but during that year the scheme was transferred to the State Government. In order to have uniform pattern and standard throughout the country, major policies and decisions concerning the scheme are controlled and regulated by the Government of India. This scheme has the following three objectives :—

- (i) To ensure the steady flow of skilled workers in different trades of the country.
- (ii) To raise the quality and quantity of Industrial production by imparting systematic and Scientific Training to skilled workers.
- (iii) To reduce the un-employment amongst educated men and women by making them suitable for Industrial employment or to start their own enterprises on small scale.

There are at present 38 Industrial Training Institutes/Centres with the seating capacity of 12,316. Training is imparted in the trades of Fitter, Turner, Machinist, Wireman, Watch and Clock Maker, or Electroplating, Electrician, Mechanic Instrument, Draftsman (Civil) and Draftsman (Mech), Survey Pattern Maker, Mechanic, Radio and T.V., Blacksmithy, Welder, Sheet Metal Worker, Moulder, Carpenter, Plumber, Painter, Mech. Tractor, Mech. Diesel, Mech. Refrigeration and Air Conditioning, Stenography in all the three languages viz. Punjabi, Hindi and English, Cutting and Tailoring, Hand Composition and Proof Reading, Printing Machine Operator, Manufacture of Sports Goods in Wood and Leather, Book Binding and Manufacture of Foot-Wear.

Duration of courses for these trades varies from one year to two years according to the demands of the trades and pattern introduced by the Government of India.

It may be stated that admission to these Courses starts in July every year and the session start in August, every year. In order to help financially, stipends/scholarships are paid to the deserving students at the rate of Rs. 25 P.M. Such Scholarships are paid to 33-1/3 per cent of the total number of students in the general category on merit. It may also be mentioned here that during the admission, seats are reserved for Scheduled Castes, Scheduled Tribes etc. as per policy laid down by the Government from time to time. In the matter of granting Scholarships/stipends to such students, it is stated that practically every student belonging to Scheduled Castes and Scheduled Tribes, is paid Scholarships/stipends @ Rs. 45 P.M.

Budget provision under this scheme is as under :—

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| (d)—Training of Craftsmen | .. | 2,51,76 | 2,51,76 | .. | 2,82,69 | 2,82,69 | .. | 3,07,78 | 3,07,78 | .. | 3,36,12 | 3,36,12 |

The Industrial Training Institutes/Centres have been provided with their own buildings with the exception of Industrial Training Institutes at Lalru and Baba-Bakala. The Industrial Training Institute at Jullundur, Phagwara and Amritsar, are managed by the Private Institutions and the Government provides salaries to the Instructional Staff as well as finance for purchase of raw material etc. required for training purposes. The replacement of machinery and tools required for the training are also financed by the Government.

(b) Government Industrial Schools for Girls :

There are 44 Government Industrial Schools for Girls including 7 Teachers Training Institutes in the State with a seating capacity of 3,880. Apart from these Institutions, Government is also paying grant-in-aid to 14 privately managed and recognised Girls Industrial Schools in the State. The total seating capacity is nearing the mark of 5,000 trainees. The training in these institutes is imparted to Girls in various trades on the pattern laid down by the Directorate General of Employment and Training, Government of India.

The trades in which training is imparted are Cutting and Tailoring, Embroidery, Knitting with Hand and Machine, Punjabi Stenography, Fruit and Vegetable Preservations, Teachers Training Course, Electronics, Radio and T.V. and Draftsman (Civil).

Duration of course is one year for Non-Engineering and two years for Engineering trades. Facilities are also provided for sports and other extra-curricular activities. As in the case of Craftsmen Training Scheme, under this Scheme also Scholarships/Stipends are paid.

Provision in the Budget under this scheme is as under :—

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (4)—Industrial Schools for Girls | .. | 94,87 | 94,87 | .. | 66,59 | 66,59 | .. | 69,71 | 69,71 | .. | 76,13 | 76,13 |
| (7)—Financial Assistance for Industrial Training | .. | 1,10 | 1,10 | .. | 1,20 | 1,20 | .. | 1,20 | 1,20 | .. | 1,26 | 1,26 |

(c) There are 5 Industrial Training Centres, exclusively run for the benefit of Scheduled Castes Scheduled Tribes and Backward Classes. The seating capacity is 450. While the four Centres at Gārshanker, Mansa, Fatehgarh Churian and Faridkot, are for Boys, the fifth at Mukatsar is for Girls.

The trades in which training is imparted are the same as under the Craftsmen Training Scheme and Industrial Schools for Girls.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 3—Industrial Training Centres | .. | 6,85 | 6,85 | 15,00 | 9,96 | 24,96 | 8,00 | 9,78 | 17,78 | 15,00 | 11,30 | 26,30 |
| SC—1.5—1—Technical Training in Industrial Trades | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

(d) This Department is running one Industrial School for Boys at Hoshiarpur, with a total seating Capacity of 64, where training is imparted in the trades of Cutting and Tailoring, Ivory Inlay, Plastic in-lay and lacquer work. The duration of these courses is one year in each case. In this school, an Arts and Crafts Teachers Training Course of two years duration is also run.

Out of the 40 seats, 20 are for Boys and 20 are for Girls. The stipends are also paid like the other schemes, under scheme. The budget provision is as under :—

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
|--------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| (3)—Industrial School for Boys | .. | .. | 2,13 | 2,13 | .. | 2,81 | 2,81 | .. | 2,88 | 2,88 | .. | 3,26 | 3,26 |

(e) There are 7 Special Trades Institutes in the State with seating capacity of 1,146. These are :—

| Serial No. | Name of the Institute | Seating capacity | Trades/Courses |
|------------|---|------------------|---|
| 1. | Punjab Institute of Textile Technology, Amritsar | 180 | Three years Diploma Course in Textile Technology. |
| 2. | Government Institute of Textile Chemistry and Knitting Technology, Ludhiana | 212 | (i) Textile Chemistry and Knitting Technology of 3 years Diploma Courses. (ii) Knitting with Hand and Machine and Dyeing and Calico Printing—One year Courses. |
| 3. | Arts and Crafts Teachers Training Institute, Nabha | 160 | 2 Years Diploma Course in Arts and Crafts. |
| 4. | Arts and Crafts Teachers Training Institute, Amritsar | 160 | Ditto |
| 5. | Government Institute of Garment Technology, Amritsar | 124 | (i) One year Course of Dyeing and Calico Printing, Hand-Weaving and Cutting and Tailoring. (ii) Three Years Diploma Course in Garments Technology |
| 6. | Government Tanning Institute, Jullundur | 60 | (i) 3 Years Diploma Course in Leather Technology. (ii) Two Years Diploma Course in Foot-Wear. (iii) One year Course of Artisan. |
| 7. | Government Polytechnic for Women, Jullundur | 250 | (i) Two years Diploma Course in Commercial Practice and Stenography, Library Science and Pharmacy and (ii) Three years Course in Architectural Assistantship. |

It may be stated that in all these Institutes, stipends are paid to the students like under other schemes.

The Budget Provision for these Institutes, is as under :—

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (1) Institute of Textile Technology | .. | 6,00 | 6,00 | .. | 6,21 | 6,21 | .. | 6,39 | 6,39 | .. | 6,94 | 6,94 |
| (2) Institute of Textile Chemistry & Knitting Tech. | .. | 18,71 | 18,71 | .. | 7,38 | 7,38 | .. | 7,84 | 7,84 | .. | 8,83 | 8,83 |
| (3) Arts and Crafts Teachers Training Institutes, Nabha | .. | 5,33 | 5,33 | .. | 7,20 | 7,20 | .. | 7,77 | 7,77 | .. | 7,64 | 7,64 |
| (4) Institute of Garment Technology | .. | 4,13 | 4,13 | .. | 3,99 | 3,99 | .. | 4,24 | 4,24 | .. | 4,66 | 4,66 |
| (5) Govt. Tanning Institute | .. | 5,94 | 5,94 | .. | 4,73 | 4,73 | .. | 4,94 | 4,94 | .. | 5,38 | 5,38 |
| (6) Polytechnics for Women | .. | 5,79 | 5,79 | .. | 5,33 | 5,33 | .. | 5,56 | 5,56 | .. | 6,09 | 6,09 |

(f) Besides the Instructional Schemes mentioned above, this Department is running a Work Centre, at Rajpura, which is an approved source for the supply of Wooden furniture to Government/Semi-Government bodies. This is Production Centre and it also meets the prime demands in the following fields :—

Carpentry, Foundry Machine Shop, Turning and Band-saw.

The entire expenses except the salary to regular staff is met out of the Capital head "495—Capital Outlay on Social and other Community Services".

The provision of funds for this Centre is as under :—

(Rs. in thousands)

| | Accounts, 1982-83 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 10—Work Centre, Rajpura | .. | 2,94 | 2,94 | .. | 3,70 | 3,70 | .. | 4,02 | 4,02 | .. | 4,20 | 4,20 |
| "495—Capital Outlay on Other Social and Community Services" | | | | | | | | | | | | |
| (1) Work Centre, Rajpura | .. | 15,27 | 15,27 | .. | 16,04 | 16,04 | .. | 15,94 | 15,94 | .. | 16,26 | 16,26 |

(G) An other scheme, which has been entrusted to this Department, is the National Apprenticeship Scheme, which was framed in accordance with the provisions contained under the Apprentices Act, 1961. Under this scheme, the training to the apprentices is imparted in 138 trades and simultaneously, they are paid stipends at the following rates :—

1. First Year . . . Rs. 230/- P.M.
2. Second Year .. Rs. 260/- P.M.
3. 3rd year. .. Rs. 300/- P.M.
4. Fourth Year .. Rs. 350/- P.M.

Under this Scheme, the apprentices learn while they are earning a part of their subsistence. During the year 1982-83, training facilities located in various Industries and Offices were 3450 against which 2775 apprentices were engaged. This scheme also provides for the engagement of apprentices for training outside the Punjab-State in various Establishments and during the year 1982-83, 81 such apprentice were engaged outside the Punjab. This could be achieved despite the various handicaps such as the discontinuance of this scheme for the Industrial units of the State Government and Corporations under the State Government, Non-availability of employment guarantees to the trained-apprentices after their apprenticeship training, acute shortage of power in the State and in-adequate funds provided for imparting Related Instructions inspite of rise in prices since 1962 when the rate was fixed Rs. 10/- per month per apprentice by the Central Government. It is proposed to increase the number of apprentices to be engaged in the current financial year to the extent of 3450.

Extra facilities in the form of stipend of Rs. 50/- per month is paid by the Punjab Government to the apprentices sent outside the State in addition to what they are entitled under the Apprentices Act, 1961, as given above.

The Budget provision under this scheme on Non-Plan side is as under :—

| | (Rs. in thousands) | | | | | | | | | | | |
|----------------------------|--------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 2. Apprenticeship Training | .. | 7,94 | 7,94 | .. | 9,49 | 9,49 | .. | 10,08 | 10,08 | .. | 10,68 | 10,68 |

(H). In order to keep the pace with the modern development in Industry, various schemes on Plan side will be in operation during 1983-84. These schemes are as under :—

"287—Labour and Employment—B—Employment and Training—(d)—Training of Craftsmen and Supervisors"
(Rs. in thousands)

| | (Rs. in thousands) | | | | | | | | | | | | |
|--|--------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|------|
| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| Objectwise | | | | | | | | | | | | | |
| 17. IT(C)1.1—Conversion of Unpopular trades into popular ones and introduction of new trades | .. | 3,30 | .. | 3,30 | 4,50 | .. | 4,50 | 4,50 | .. | 4,50 | 5,04 | .. | 4,50 |
| 18. ITC—1.2—Addition to and Replacement of Tools and equipment | .. | 3,75 | .. | 3,75 | 4,00 | .. | 4,00 | 4,00 | .. | 4,00 | 4,00 | .. | 4,00 |
| 19. IT(C)1.3—Training Seminars and study Tours of staff | .. | 92 | .. | 92 | 1,00 | .. | 1,00 | 1,00 | .. | 1,00 | 1,00 | .. | 1,00 |
| 20. IT(C)1.6—4—Creation of Training-cum-Placement Cell | .. | 80 | .. | 80 | 80 | .. | 80 | 30 | .. | 30 | 80 | .. | 80 |
| 21. IT(C)—18—5—Apprenticeship Training Wing | .. | 15 | .. | 15 | 70 | .. | 70 | 70 | .. | 70 | 70 | .. | 70 |
| 22. IT(C)1—8.7—Starting of Related Instructions Centre | .. | 54 | .. | 54 | 60 | .. | 60 | 64 | .. | 64 | 60 | .. | 60 |
| 23. IT(C)—1.9—3 Modernisation of I.T.Is. under ILC Programme | .. | 28 | .. | 28 | 7,00 | .. | 7,00 | 5,47 | .. | 5,47 | 7,00 | .. | 7,00 |

| | Accounts, 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | | |
|---|----------------------|----------|-------|-----------------------------|----------|-------|------------------------------|----------|-------|-----------------------------|----------|-------|------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| Objectwise | | | | | | | | | | | | | |
| 24. IT(C)—1.10-9. Upgradation of R.A.T.Cs./Tech. Schools/Govt. Industrial Schools for Boys and opening of new I.T.Is. | .. | .. | .. | .. | 5,70 | 5,70 | 3,69 | .. | 3,69 | 5,70 | .. | 5,70 | |
| 25. ITS (2.3)—Opening of new Industrial Schools and Introduction of additional seats in the existing schools | .. | 5,83 | .. | 5,83 | 2,00 | .. | 2,00 | 4,04 | .. | 4,04 | 2,00 | .. | 2,00 |
| 26. ITS—2.1—11—Opening of Teachers Training Classes | .. | 1,57 | .. | 1,57 | 1,00 | .. | 1,00 | 1,75 | .. | 1,75 | 1,00 | .. | 1,00 |
| 27. IT(S)—2.5—12—Training-cum-Production Centres | .. | 84 | .. | 84 | 1,00 | .. | 1,00 | 1,25 | .. | 1,25 | 1,00 | .. | 1,00 |
| 28. IT(S)2.6—13—Study Tours—Training and Re-Training Educational Study tours seminar and conferences | .. | 3 | .. | 3 | 50 | .. | 50 | 70 | .. | 70 | 50 | .. | 50 |
| 29. ITS(s)2.7—14—Modernisation and Replacement of Machinery in Schools | .. | .. | .. | .. | 2,50 | .. | 2,50 | 2,50 | .. | 2,50 | 2,50 | .. | 2,50 |
| 30. T.E.S—15—Introduction of new Courses at Govt. Polytechnic Women, Jullundur | .. | 1,50 | .. | 1,50 | 50 | .. | 50 | 70 | .. | 70 | 50 | .. | 50 |
| 31. IT.T.E4.3—Modernisation of Buildings and Machinery/Equipment/Library in Institutes | .. | .. | .. | .. | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 | 3,00 | .. | 3,00 |
| 32. T.E.4.2 (b)—21—Starting of Second Shift at Punjab Institute of Textile Technology, Amritsar | .. | 17 | .. | 17 | 50 | .. | 50 | 50 | .. | 50 | 50 | .. | 50 |
| 33. Part-time Diploma Course in Pharmacy for serving persons at Govt. Polytechnic for Women, Jullundur | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Scheme Dropped

(Rs. in thousands)

| | Revised Estimates, 1982-83 | | Budget Estimates, 1983-84 | |
|---|----------------------------|----------|---------------------------|----------|
| | Plan | Non-Plan | Plan | Non-Plan |
| 1. TE4.1—Introduction of new Courses at Govt. Polytechnic for Women, Jullundur— | | | | |
| “495—Capital Outlay on other Social and Community Services | .. | .. | 1,00,000 | .. |
| Total | .. | .. | 1,00,000 | .. |
| 2. IT(C)-1.4—Completion of Industrial Training Instts. Building and Construction of Industrial Training Instts. Building at Nabha | | | | |
| “495—Capital Outlay on other Social and Community Services” | .. | 5,63,000 | 6,00,000 | .. |
| 3. IT(C)1.9—Modernisation of Industrial Training Instts. under UNDP/ILO Programme— | | | | |
| “495—Capital Outlay on Other Social and Community Services | .. | 2,00,000 | 2,00,000 | .. |

| | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|---|------------------------------|--------------|-------|-----------------------------|--------------|-------|
| | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 4. IT(C)—1.10—Conversion of Rural Artisan Training Centres/Junior Technical Schools/Govt. Industrial School for Boys, Hoshiarpur into ITIs. | | | | | | |
| "495—Capital Outlay on Other Special and Community Services" | .. | 3,00,000 | .. | 3,00,000 | .. | |
| 5. IT(C)—1.12—Establishment of advanced Training Institutes in Farm Machinery and Power in the State— | | | | | | |
| "495—Capital Outlay on Other Social and Community Services" | .. | .. | .. | 5,70,000 | .. | |
| Total | .. | 10,63,000 | .. | 16,70,000 | .. | |
| 6. IT(S)—2.1—Completion of Building of Govt. Industrial Teachers Training Institutes (Women), Jullundur— | | | | | | |
| "495—Capital Outlay on Other Social and Community Services" | .. | 50,000 | .. | 50,000 | .. | |
| 7. IT(S)—2.2—Construction of new Buildings for Schools— | | | | | | |
| "495—Capital Outlay on Other Social and Community Services" | .. | 7,50,000 | .. | 7,50,000 | .. | |
| Grand Total | .. | 18,63,000 | .. | 25,70,000 | .. | |

LANGUAGES DEPARTMENT, PUNJAB

I—Introduction

1. Punjab is the first state to establish a full fledged Government Department for the development of State Language Punjabi and National Language Hindi on modern and scientific lines, thereby providing lead to the other States of India and even Central Government in this behalf.

2. The present Languages Department came into existence on 1st November, 1956, consequent upon the integration of the Language Department of erstwhile Punjab and the Punjabi Department of erstwhile Pepsu. Upon the creation of the new State of Punjab on 1st November, 1966 on linguistic basis the necessity for developing Punjabi Language and Literature and preparing reference books, informative books and children literature was felt with great urgency to meet the new requirements as envisaged in the Constitution of India. The Language Department, Punjab, formulated several schemes to introduce Regional Language in the administrative sphere up to the State level, to adopt it as court Language and medium of instructions upto the University level as well. Besides this, the department undertook the development and propagation of National Language Hindi and also made efforts for the popularisation of Urdu Language.

3. In brief, the Languages Department aims at the development and enrichment of State Language Punjabi and the National Language Hindi and the promotion of Urdu Language in the Punjab State. For this purpose, it has undertaken the following programmes:—

- (i) to honour Litterateurs, to organise Book Exhibitions, Seminars, Kavi Sammelans and Literary Contents to award prizes to the best published books and best literature of the year, to bring out monthly journals in Punjabi, Hindi, Urdu and English, to grant financial aid to indigent writers/artists of the State and to provide financial assistance to Organisations/Institutions/Individuals for production of literary works ;
- (ii) to compile encyclopaedia, to prepare unilingual, bilingual, trilingual, Dictionaries and Dialectical Glossaries, etc ;
- (iii) to translate rules, forms and other Government material and classical literary works of all important languages of the world into Punjabi ;
- (iv) to coin, adopt and adapt the terms both in Punjabi and Hindi ;
- (v) to conduct examination in Punjabi and Hindi to enable the employces to qualify themselves in Punjabi and Hindi, to impart training in Punjabi Shorthand and type-writing to government employees (English knowing Stenographers and Typists) as well as private candidates.

Director, Languages Department, Punjab, is the Head of the Department, who looks after the administrative as well as technical work of the Language Department. He is assisted by two Deputy Directors, one Chief Editor (Encyclopaedia), 12 Assistant Directors, 3 Editors (Punjabi, Hindi and Urdu), 2 Section Editors, one Sales Officer, 228 Class III and 86 Class IV employees in the administrative as well as technical work. For the functional convenience, the work at the Head quarters is divided into several sections viz., Establishment, Accounts, Introduction, Translation, Terminology, Lexicography, Publication, Development, Informative Children Literature and English Magazine and Extension Service, etc. Each Section at Head quarter is headed by one Gazetted Officer (Class II). At District level the work is looked after by one District Language Officer who is assisted by one Instructor and one Clerk-cum-typist.

The details of the duties assigned to officers at Headquarters and at District Offices are as under:—

(1) Deputy Director (Editing/Publication)

1. Publication of Departmental books.
2. Editing of literary works.
3. Editing of Punjabi manuscripts.
4. Supervision of the sale of Departmental Publications.

5. Grant-in-aid in the form of books to various Libraries in the State.
6. Looking after the work of Establishment in addition to his own duties.
7. Any other miscellaneous work entrusted by the Director, Languages Department.

(2) Chief Editor (Encyclopaedia)

1. Planning of all the volumes of Punjabi Encyclopaedia.
2. Co-ordination of the work of section Editors.
3. To finalise the selection of entries and to fix size thereof.
4. To prepare press copy.
5. Any other miscellaneous work entrusted by Director, Languages Department.

(3) Deputy Director (English Magazine and Extension Services)

1. Editing of Punlit (English Magazine).
2. Extension of Punjabi Literature through English medium.
3. Financial Assistance to writers/artists (Punjabi).
4. Honouring of Litterature (Punjabi).
5. Organisation of Literary and Cultural functions outside Punjab.
6. Punjabi Poetry recitation and Sahit Sirjana Competitions.
7. Report with Punjabi writers/Literary Associations and Honouring of eminent persons outside Punjab.
8. Looking after the work of Accounts in addition to his own duties.
9. Any other Miscellaneous work entrusted by Director, Languages Department.

(4) Assistant Director (Translation-I)

1. Translation of Government Material and oriental Classical literature.
2. Any other Miscellaneous work entrusted by Director, Languages Department.

(5) Assistant Director (Translation-II)

1. Translation of Government Material and Western Classical Literature.
2. Any other miscellaneous work entrusted by Director, Languages Department.

(6) Assistant Director (Terminology)

1. Preparation of Terminology of every Arts and Science subjects.
2. Preparation of Books for Neo-literates.
3. Any other Miscellaneous work entrusted by Director, Languages Department.

(7) Assistant Director (Field)

1. Introduction of State Language (Punjabi) in the State administration.
2. Literary Surveys.
3. Supervision of Punjabi Type and Shorthand and Teachers Training Classes.

4. Stenography Research.
5. Departmental Examination of Punjabi and Hindi.
6. Any other miscellaneous work entrusted by Director, Languages Department.

(8) Assistant Director (Lexicography)

1. Preparation of Bilingual and Multi-lingual lexicons.
2. Any other Miscellaneous work entrusted by Director, Languages Department.

(9) Assistant Director (Children Literature)

1. Preparation of Books relating to Children Literature.
2. Any other miscellaneous work entrusted by Director, Languages Department.

(10) Editor (Informative Literature)

1. Preparation of Informative books in Punjabi.
2. Looking after the work of Store and Stock of the department in addition to his own duties.
3. Any other miscellaneous work entrusted by Director, Languages Department, Punjab.

(11) Assistant Director (Magazine)

1. Editing, Publication and Sale of departmental Literary monthly magazines.
2. Execution of the following schemes :—
 - (i) Punjabi One Act play/Short stories/Essay competitions.
 - (ii) Punjabi Drama Competitions.
 - (iii) Organisation of Literary Seminars.
 - (iv) Financial Assistance to Punjabi Literary Societies.
 - (v) Financial Assistance to Punjabi writers for publications of their literary works.
 - (vi) Bhai Vir Singh Kavita Purskar/Nanak Singh Novel Purskar and Gurbax Singh Preet Lari Gad (Prose) Purskar.
 - (vii) Processing the cases of Punjabi Literary societies for grant-in-aid by Central Government.
3. Co-ordination of literary projects.
4. Any other miscellaneous work entrusted by Director, Languages Department.

(12) Section Editor (Humanities)

1. Selection and planning of entries of Social sciences.
2. To give instructions to the writers of entries.
3. Editing of entries.
4. Preparation of Press Copy with the guidance of Chief Editor.
5. Revision of translation done by Subject Editors.
6. Any other miscellaneous work entrusted by Director, Languages Department.

(13) Section Editor (Science)

1. Selection and Planning of Science entries.
2. To give instructions to the writers of entries.
3. Editing of entries.
4. Preparation of Press Copy with the guidance of Chief Editor.
5. Revision of Translation done by Subject Editors.
6. Any other miscellaneous work entrusted by Director, Languages Department.

(14) Assistant Director (Encyclopaedia)

1. Selection and Planning of literary and general entries.
2. To give instructions to the writers of entries.
3. Editing of entries.
4. Preparation of Press Copy with the guidance of Chief Editor.
5. Revision of translation done by Subject Editors.
6. Any other miscellaneous work entrusted by Director, Languages Department.

(15) Assistant Director (Literary Centre, Delhi)

1. To establish liaison with other literary organisations such as the National Book Trust, Children Book Trust, Central Hindi Directorate and the Sahitya Akademy.
2. To co-ordinate activities with Private Literary Organisations interested in Punjabi Language and Literature and the Punjabi Theatre Groups.
3. To develop contacts with Punjabi writers resident in Delhi.
4. To set up a writers Club, organise drama festivals hold literary symposia and Seminars in Punjabi.
5. To promote sales of Departmental Publications.
6. Any other miscellaneous work entrusted by Director, Languages Department.

(16) Assistant Director (Paper Back Series)

1. Spade work regarding the selection of books.
2. Editing.
3. Preparation of Press Copy.
4. Obtaining of copy-right.
5. Supervision of proof reading.
6. Maintenance of Royalty Accounts.
7. Any other miscellaneous work entrusted by Director, Languages Department.

(17) Sales Officer

1. Sales/Distribution of printed books.
2. Maintenance of Store and Stock of Printed books.

3. Maintenance of Accounts of Departmental publications.
4. Any other miscellaneous work entrusted by Director, Languages Department.
- (18) **Duties of District Languages Officers/Incharge, Punjabi Cell, Chandigarh**
 1. Introduction of Punjabi at District Level.
 2. Arrangement of Samarohs, such as Kavita Path/Kavita Gyan/Sahit Sirjana Competitions.
 3. Collection of manuscripts.
 4. Linguistic and Cultural Surveys.
 5. Collection of the folk literature.
 6. Sale of the Departmental books and magazines.
 7. Recommendation of cases for Financial Assistance to indigent writers/artists and their families.
 8. Co-ordination with the leading institutes (engaged in the development and enrichment of languages) and writers.
 9. Control and Supervision of Type, Shorthand and Urdu Classes.
 10. Any other miscellaneous work entrusted by the Director, Languages Department/Assistant Director (Field).

(19) **Information and Extension Officer, Jalandhar.**

1. To give complete information about Punjabi literature and Litterateur.
2. To develop contacts with Punjabi Litterateurs.
3. To set up permanent book exhibitions.
4. Any other miscellaneous work entrusted by the Director, Languages Department.

(20) **Duties of Instructors.**

1. Imparting training in the theory and practice to Punjabi Type and Shorthand Classes.
2. Any other miscellaneous work entrusted by the Director, Languages Department/Assistant Director (Field) and District Languages Officer/Incharge, Punjabi Cell, Chandigarh.

The variation between the Budget Estimates and Revised Estimates, 1982-83 and Revised Estimates 1982-83 and Budget Estimates, 1983-84, both non-Plan and Plan is due to revision of pay scales of employees and increase in Additional Dearness Allowances and also due to increase in the expenditure on account of Electricity/Water Charges/Services Postage stamps and Liveries for Class IV employees and due to non-filling up of the post of Deputy Director (English Magazine and Extension services)/Sales Officer by the Administrative Department.

II—Financial Requirements

(Rupees in thousands)

| A—Programme/ Activity Classi- fication | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|--------------|-------|------------------------------|--------------|-------|-------------------------------|--------------|-------|------------------------------|--------------|-------|
| | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1. Introduc- tion, Develop- ment and Enrichment of State Language— Punjabi .. | 5,99 | 33,91 | 39,90 | 6,57 | 35,74 | 42,31 | 6,04 | 38,73 | 44,77 | 7,30 | 40,64 | 47,94 |

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|--------------|--------------|---------------------------|--------------|--------------|----------------------------|--------------|--------------|---------------------------|--------------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2. Development and Introduction of National Language Hindi .. | 1,44 | 3,41 | 4,85 | 1,63 | 3,92 | 5,55 | 1,63 | 4,09 | 5,72 | 1,76 | 4,46 | 6,22 |
| 3. Development of Urdu Language .. | 1,46 | .. | 1,46 | 1,59 | .. | 1,59 | 1,59 | .. | 1,59 | 1,70 | .. | 1,70 |
| 4. Development of Sanskrit Language .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | 24 |
| 5. Partially Centrally Sponsored Scheme— | | | | | | | | | | | | |
| (i) Development of Regional Languages (Punjab State University Text Book Board) .. | 16,04 | .. | 16,04 | 19,67 | .. | 19,67 | 20,84 | .. | 20,84 | 34,62 | .. | 34,62 |
| Total A | 24,93 | 37,32 | 62,25 | 29,46 | 39,66 | 69,12 | 30,10 | 42,82 | 72,92 | 45,62 | 45,10 | 90,72 |
| B—Objectwise Classification | | | | | | | | | | | | |
| 1. Salaries | 4,12 | 32,67 | 36,79 | 5,68 | 33,68 | 39,36 | 5,15 | 36,79 | 41,94 | 6,00 | 38,86 | 44,86 |
| 2. Travelling Expenses .. | 35 | 22 | 57 | 19 | 20 | 39 | 19 | 20 | 39 | 28 | 25 | 53 |
| 3. Office Expenses .. | 26 | 1,06 | 1,32 | 23 | 90 | 1,13 | 23 | 95 | 1,18 | 54 | 1,05 | 1,59 |
| 4. Payment for professional and Special Services .. | 4,16 | 1,15 | 5,31 | 3,62 | 1,53 | 5,15 | 3,62 | 1,53 | 5,15 | 4,07 | 1,53 | 5,60 |
| 5. Rents .. | .. | 62 | 62 | .. | 76 | 76 | .. | 76 | 76 | .. | 76 | 76 |
| 6. Publications | .. | 82 | 82 | .. | 1,00 | 1,00 | .. | 1,00 | 1,00 | .. | 1,05 | 1,05 |
| 7. Grant-in-aid .. | 16,04 | .. | 16,04 | 19,67 | .. | 19,67 | 20,84 | .. | 20,84 | 34,62 | .. | 34,62 |
| 8. Other charges .. | .. | 72 | 72 | .. | 92 | 92 | .. | 92 | 92 | .. | 92 | 92 |
| 9. Liveries .. | .. | 6 | 6 | 7 | 5 | 12 | .. | 5 | 5 | 6 | 6 | 12 |
| 10. Medical Reimbursement .. | .. | .. | .. | .. | 62 | 62 | 7 | 62 | 69 | 5 | 62 | 67 |
| Total B | 24,93 | 37,32 | 62,25 | 29,46 | 39,66 | 69,12 | 30,10 | 42,82 | 72,92 | 45,62 | 45,10 | 90,72 |

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|--------------|--------------|---------------------------|--------------|--------------|----------------------------|--------------|--------------|---------------------------|--------------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| C—Sources of Financing Demand No. 16 | | | | | | | | | | | | |
| 1. Major Head "277—Education (b) Promotion of Modern Indian Languages and Literature | 24,93 | 37,32 | 62,25 | 29,46 | 39,66 | 69,12 | 30,10 | 42,82 | 72,92 | 45,62 | 45,10 | 90,72 |
| Total C | 24,93 | 37,32 | 62,25 | 29,46 | 39,66 | 69,12 | 30,10 | 42,82 | 72,92 | 45,62 | 45,10 | 90,72 |

III—Explanation of Financial Requirements

(Rupees in thousands)

| Name of the Scheme | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 1.—Introduction Development and Enrichment of State Language—Punjabi | 5,99 | 33,91 | 39,90 | 6,57 | 35,74 | 42,31 | 6,04 | 38,73 | 44,77 | 7,30 | 40,64 | 47,94 |

Under this activity are included the demands for the running of various sections at Head office, including offices of Assistant Director (Delhi), District Languages Officers, Incharge, Punjabi Cell, Chandigarh and Information Officer, Jalandhar for the introduction, development and enrichment of State Language—Punjabi.

The details of work being done by the Department in respect of Introduction, Development and enrichment of State Language—Punjabi are as under :—

A—Introduction of Punjabi in the Administration.

(1) Translation of Forms and other material.—All Government material and the forms being used in the offices of the Punjab Government have duly been translated into Punjabi. In order to help various Departments of the Government the translation of remaining English material is being done into Punjabi. The table below gives the progress made :—

TABLE—I

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|------------------------------|---------|-------------|-----------------------|
| Standard pages translated .. | 7,200 | 7,000 (App) | 7,200 |
| Proof Reading pages .. | 4,500 | 4,000 (App) | 5,000 |

(2) **Training in Punjabi to the Government employees.**—For the benefit of Government employees Matric Standard Examination in Punjabi is arranged by the Department. The table below shows the number of candidates appeared and passed yearwise :—

TABLE II

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|----------------------------------|---------|---------------------|-----------------------|
| Number of candidates appeared .. | 317 | 458 | 450 |
| Number of candidates passed .. | 225 | 255 (upto 10/82) | .. |

(3) **Training in Punjabi Typewriting :**—At all offices of the District Language Officers in the State and Punjabi Cell at Chandigarh, classes have been arranged to impart training in Punjabi Typewriting. Two prizes of Rs. 250 and Rs. 150 are awarded every year to the candidates showing outstanding performance in Typewriting competitions. The Table below gives the progress made :—

TABLE—III

| | 1981-82 | 1982-83 | 1983-84 (proposed) |
|--|---------|---------|-----------------------|
| Number of persons imparted training .. | 658 | 468 | 390 |
| Number of persons awarded prizes .. | 1 | .. | 2 |

(4) **Trainint in Stenography.**—Shorthand Classes are also arranged at all the District Language Offices and at the office of the Incharge, Punjabi Cell, Chandigarh. A State level competition of Stenography is also conducted every year and two prizes to the tune of Rs. 400 and Rs. 250 are awarded. The table below gives the progress made :—

TABLE—IV

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--|---------|---------|-----------------------|
| Number of persons imparted training .. | 150 | 228 | 390 |
| Number of persons awarded prizes .. | 1 | .. | 2 |

(5) **Stenography Research Wing.**—In order to bring uniformity and efficiency in the Punabi Stenography, this wing of the Languages Department, Punjab has prepared a Punjabi Stenography book entitled "Parmanik Sanket Lipi" based on phonetic system. The press copy of the Parmanik Sanket Lipi and the key of the book has since been sent for printing. Efforts to get it printed from the Controller, Printing and Stationery Department at priority basis are being made by the Department.

The press copy of the books entitled "Five Minutes Speed Test" and "A Comprehensive list of Grammalogues and Contractions" have been prepared and are being sent for printing to the Controller, Printing and Stationery Department, Punjab.

This wing has now taken in hand the preparation of press copy of the book entitled "Punjabi Pharaseography" and in addition to it, it has collected about 8,000 words for Punjabi Shorthand Dictionary.

It is proposed to prepare books entitled "Shorthand Theory Test Paper", "How to attain high speed and accuracy in Punjabi Shorthand" and "Departmental Glossary" during the year 1983-84.

To meet the requirements of trained Punjabi Stenography Instructors, this wing of the department has started the "Teachers Training Course" from August, 1982 and twelve students have been admitted in this class. The duration of the course is one year. The classes are running during the office hours and no extra staff has been provided for this purpose.

B—Introduction of Punjabi in Education and Law Courts.

(1) Introduction of Punjabi in Education and in Law Courts.—Dictionaries, Glossaries and Reference books are being prepared for introduction of Punjabi as medium in Schools and Colleges, Glossaries of almost all the subjects have been prepared with the help of subject experts. The provisional Glossaries of 18 subjects were prepared, published and circulated amongst the subject teachers Lecturers etc. The table below shows the progress made yearwise :—

TABLE V

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--|---|---|--|
| Glossaries:—Spade work, revision and publication of glossaries in book form viz.-Agriculture, Home Science Linguistic, Literature, Geology, Journalism, Fine Arts, Music, Engineering and Medical Sciences | <ol style="list-style-type: none"> 1. Press copy of English Punjabi Glossaries of 2 subjects viz-Agriculture and Home Science were sent for publication. 2. Spade work, revision and finalization of Literature continued 3. Revision of Geology, under taken from the point of view of vitting 4. One instalment each of Medical Sciences and Engineering Terminology sent for publication in Punjabi Dunia (Departmental Magazine) 5. First proof Reading of Agriculture was undertaken. | <ol style="list-style-type: none"> 1. Press Copy of Literature has been sent for publication 2. Revision work of Geology has been completed. 3. Spade work, revision and finalization of Linguistics, undertaken 4. One instalment each of Medical Sciences and Engineering Terminology is being sent for publication 5. Proof reading of work regarding Agriculture and Home Science has been undertaken. | <ol style="list-style-type: none"> 1. Press copy of linguistics will be sent for publication 2. Spade work, Revision and finalization of journalism will be undertaken. 3. Work regarding Medical Sciences and Engineering Terminology will be continued. 4. Proof reading work regarding Literature and other subjects will be undertaken |
| Revised Publications— | | | |
| English -Punjabi Administrative Glossary Second Revised and Enlarged Edition (containing nearly 20000 terms, designations, phrases and abbreviations) | Work regarding proof reading could not be completed for want of proofs from the press | Works regarding proof reading will be taken in hand as and when the material is received from the press | Work regarding proof reading will be continued. |
| Consolidated Glossary of seven Science subjects of the first phase | Spade work regarding A to L letters of the Glossary completed | Spade work regarding M to Z letters of the Glossary will be completed | Press copy of the Consolidated Science Glossary letter A to L will be prepared if the seventh Science subject i.e. Geology is got vetted by the Punjab State University Text Book Board. |
| Literature for Neo-Literates in the Regional Language Punjabi | (1) 4 Books, "Sadi Khuraak" "Pindan Di Badaldi Nuhar" "Vadhdi Abadi." and "Tractor" have been sent for publication. | (1) Proof reading of the books already sent for publication will be done | (1) Subject to the approval of State Advisory Board (Punjab) work regarding getting 5 new books, Viz., "Kujh Gharalu Udyog 'Safai Atte Saihet', 'Mudhli Sahaita', 'Sarakan De Niam' and 'Dudh Atte Es De Vartaon.) |
| Under the scheme books in simple language on several topics are prepared for adults, so that they may be able to understand day-to-day problems in proper perspective. Books "Panchaitian Da Kam" and "Kanoon Na Toro" have already been published | (2) Scrutinization and finalisation of the books, "Sabzian Uggao" and "sadi Parliament" completed. Press copies prepared and sent for publication | (2) The book "Kheti De Nawain Sand" has been allotted. | (2) Proof reading of the books already sent for publication will be done. |
| | | It's scrutinization and finalisation will be under taken | |

(2) *Publication of Rare works and Research Paper.*—For the benefit of students and general readers rare works and research papers are also published. The table below gives the progress made :—

TABLE—VI

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|------------------------------|---------|---------|-----------------------|
| 1. Books published | 47 | 40 | 94 |
| 2. Research Papers published | 12 | 15 | 8 |

C—Development of Punjabi Language and Literature.

Plans to provide incentive to the Litterateurs.

(1) *Honouring of Eminent Litterateurs.*—An Eminent Punjabi Litterateur is honoured every year in appreciation of his valuable contribution to the Punjabi Language and Litterature since 1952. He is presented with a purse of Rs. 5,100 alongwith Robe of Honour, a Medal and Citation. An eminent Punjabi Litterateur namely Shri S.S. Amol was honoured during the year, 1981-82. Shri Jaswant Singh Rishi, an eminent Punjabi Litterateur is being honoured during the year, 1982-83. Similarly an eminent Punjabi Litterateur will be honoured during the year, 1983-84.

(2) *Honouring of Eminent Persons working for the propagation of Punjabi Language outside Punjab State.*—An eminent person serving the cause of Punjabi Language and Literature outside Punjab State is also honoured. Shri Kesar Singh (Canada) was honoured during the year, 1981-82. Shri Ajaib Kamal of Kenya is being honoured during the year, 1982-83. Similarly an eminent person serving the cause of Punjabi Language and Literature outside Punjab State will be honoured during the year, 1983-84.

(3) *Centenaries and Birth/Death anniversaries of Eminent Punjabi Poets.*—Celebration of centenaries and Birth/Death Anniversaries of Eminent Punjabi Poets is a regular feature of this department.

(4) *Financial Assistant to the Indigent Punjabi Writers.*—A sum of Rs. 20,000 is spent every year for providing financial assistance to the writers who are running under indigent circumstances. The table below gives the progress :—

TABLE—VII

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---|---------|---------|-----------------------|
| Number of writers who were given financial assistance | 20 | 20 | 20 |

(5) *Pension to creative writers.*—A sum of Rs. 48,000 is being spent every year for the monthly pension to those writers who have achieved great eminence and recognition in the field of Punjabi litterature. The table below gives the progress :—

TABLE—VIII

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--|---------|---------|-----------------------|
| Number of writers who were given pension | 9 | 10 | 10 |

(6) *Prizes to the best Literary works.*—Prizes Worth Rs. 9,600 are awarded every year to the best Punjabi creative works in the categories of Poetry, Drama/One Act Play, Novel/Short Stories/Essay/Criticism, Travelogue/Biography and Children's Literature. The Table below gives the progress :—

TABLE IX

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|------------------------|---------|---------|-----------------------|
| Number of prizes given | 6 | 5 | 5 |

(7) *One Act Play Competition.*—In order to provide incentive to the budding playwrights, One Act Play Writing Competition is organised every year and four prizes worth Rs. 700 are awarded to them. S/Shri Kamal Bharti, Harbhajan Singh, Joga Singh Bhangal and Miss Gurmeet Kaur Virk during the year, 1981-82 and Miss Jasbir Kaur, S/Shri Kamal Bharti, Joga Singh Bhangal and Miss Gurmeet Kaur Virk during the year, 1982-83 were awarded prizes under this scheme. Similarly prizes will be awarded during the year, 1983-84.

(8) *Short Story Competition.*—For the encouragement of budding Litterateurs in the field of Fiction, Short Story Writing Competition is also organised and prizes worth Rs. 700 are awarded to the four writers whose stories are adjudged as best. S/Shri Joinder Singh Nirala, Jasbir Singh, Ajit Singh and Dev Raj Singh during the year 1981-82 and S/Shri Sukhpal, Jasbir Singh, Mohinder Jattu and Lakhbir Singh during the year 1982-83 were awarded prizes under this scheme. Similarly four prizes will be awarded during the year 1983-84.

(9) *Essay Competition.*—A very little work has been done in the field of essay writing in Punjabi Literature. To create interest in this field an essay writing competition is organised and prizes worth Rs. 700 are awarded to the four writers whose essays are adjudged as best. Miss Parvinder Kaur, Shri Jasbir Singh, Swaran Singh Snehi, Miss Inderjit Kaur Chadha during the year 1981-82 and Miss Parvinder Kaur, S/Shri Ajit Singh Chandan, Swaran Singh Snehi and Ram Sarup in the year 1982-83 were awarded prizes under this scheme. Similarly four such prizes will be awarded during the year 1983-84.

(10) *Kavi Darbars.*—To encourage the Poets, Poetic Symposia, are organised at District level. Every year a sum of Rs. 17,000 is provided for the purpose. Kavi Darbars were held at Pathankot, Abolar, Ropar and Muktsar during the year 1981-82. Similarly Kavi Darbars were held at Sirhind and Samrala during the year 1982-83. Some more Kavi Darbars are expected to be organised during the remaining period of the year 1982-83. Likewise Kavi Darbars at District and Tehsil levels will be organised during the year 1983-84.

(11) *Grant-in-aid for Publication of Works in Punjabi.*—A sum of Rs. 15,000 is given as grant in aid every year to the writers who are not in a position to publish their books themselves. 400 copies of each title of these six books have been purchased during the year 1981-82. Similarly 7 books have been selected for grant-in-aid for the year 1982-83. This scheme will continue in the year 1983-84 and about 7 books will be selected for this purpose.

(12) *Financial Assistance to Writers outside Punjab State for Publication of their Literary Works.*—A sum of Rs. 20,000 as financial Assistance to writers of outside Punjab State for publication of their literary works is provided every year. This scheme was started during the year 1981-82. but has to be dropped during the year 1982-83 for want of funds.

(13) *Literary Information Centre.*—To give complete information about Punjabi Literature and Litterateur, for maintaining contacts with the litterateur and for setting up a permanent book exhibition, a Literary Information Centre has been set up at Jalandhar. This centre is functioning quite satisfactorily and serving the desired ends.

D—Development of Punjabi Literature:

(1) *Reference Books.*—Under this scheme, Unilingual, Bilingual and Trilingual Dictionaries and other reference books are prepared. The progress made during the year 1981-82, 1982-83 and 1983-84 (proposed) is as under.

1981-82

1. Punjabi Kosh Vol. I. (Revised with Etymology) over 12,000 entries of the letter 'B', 'm' and a portion of 'a' have been completed.

2. Proof Reading work of the following Dictionaries was done and print order of the pages mentioned against each item was given :—

- (1) Panjabi Kosh Vol. V (Pages 1—200)
- (2) Panjabi Kosh Vol. VI (Pages 1—215)
- (3) Panjabi Muhawaras Kosh (Pages 1—48)
- (4) Middle Panjabi Kosh (with sentences (pages, 1—32)

1982-83

1. Panjabi Kosh Vol. I (Revised with Etymology) over 1300 entries of letter 'a' and a portion of letter 'm' have been completed. The remaining work of this revised volume was under completion.
2. The position regarding the remaining work pertaining to proof reading and giving of print order of the Dictionaries mentioned below is as under :—
 - (i) Panjabi Kosh Vol. V. (Pages 201 to 547 and introductory pages completed)
 - (ii) Panjabi Kosh Vol. VI (pages 216 to 366 and introductory pages completed)
 - (iii) Panjabi Mahawara Kosh (pages 49 to 248).
 - (iv) Panjabi Akhan Kosh (pages 1 to 48).
 - (v) Middle Panjabi Kosh (with sentences) (pages 33 to 192).

1983-84 (Proposed)

1. Panjabi-Panjabi—Kosh Vol. I (Revised with Etymology).—The remaining work of revised volume is proposed to be completed.
- (2) The remaining work of proof reading and giving of print order of the following Dictionaries is proposed to be completed :—
 - (i) Panjabi Muhawara Kosh.
 - (ii) Panjabi Akhan Kosh.
 - (iii) Middle Panjabi Kosh (with sentences)
- (3) The proof reading of the following Dictionaries sent for printing if received would be taken in hand :—
 - (i) English-Panjabi Dictionary Middle Standard (with sentences) .
 - (ii) English-Panjabi Dictionary Matric Standard (with sentences).
 - (iii) Primary Panjabi Sachitar Kosh (with sentences).

(2) *Encyclopaedia*.—Punjabi Encyclopaedia in 25 volumes is under preparation on the pattern of Encyclopaedia of Britannica. This embraces entries relating to Punjabi Culture, Costumes, Castes and tribes, places of Geographical, Religious and Historical importance, besides the entire catering to the knowledge in the sphere of different disciplines. During the years 1981-82, the printing of 1st 5 volumes of the Encyclopaedia was started. The printing of these volumes is in progress. During the year 1982-83 in addition to the proof reading of these volumes the press copies of 7th, 8th and 9th volumes have been finalized. Press copies of 10th and 11th volumes are to be prepared during 1983-84. The publication of the first 7 volumes is expected to be completed and the printing of next 3 volumes started during 1983-84.

(3) *Children and Informative Literature*.—About one hundred and twenty five books have so far been published on different subjects under 28th series of Children and Informative Literature Scheme. A target has been set to prepare and publish 500 books on various subjects of Informative and Scientific bias for Children on different age groups during 1980—1985.

The table below gives the progress made :—

TABLE X

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|-------------------------------|---------|---------|-----------------------|
| Number of books sent to press | .. 26 | 26 | 28 |

(4) *Translation of World Classics.*— Best classics of the World are being translated and published in Punjabi. Translation of seventy four books has been taken in hand under this scheme. The progress made is as under :—

TABLE XI

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---------------------|---------|---------|-----------------------|
| 1—Books under print | | 20 | 4 |
| 2—Books printed | | 36 | 8 |

(5) *Editing of Manuscripts.*—Rare Punjabi Manuscripts are edited and published in order to make them reach the readers.

(6) *Compilation and Survey of Folk Literature.*—Survey books are being prepared after conducting linguistic and cultural survey of selected villages/towns of every district in which the details of the folk songs, folk tales, costumes and traditions of that place are recorded. Books pertaining to the linguistic and cultural surveys of Badhrukhan (Sangrur), Sultanpur Lodhi, (Kapurthala), Dera Baba Nanak (Gurdaspur) Kule Majra (Patiala), Raikot (Ludhiana), Dina Kangar (Bhatinda), Jalalabad (Ferozepur), Nanakana Sahib (Pakistan) and Faridkot have already been published. Books on Rahon (Jalandhar), Chamkaur Sahib (Ropar), Shahpur Kandi (Gurdaspur) are in press. Books on Damdama Sahib, Chhapar, Dholbaha, Shri Gobindpur, Jaitu, Mukatsar are likely to be sent to Books pertaining to Fatehgarh Sahib (Patiala), Malerkotla (Sangrur), Phillaur (Jalandhar), Ferozeshah (Ferozepur), Rampura Phul (Bhatinda), Moga (Faridkot), Kala Singian (Kapurthala), Bajwara (Hoshiarpur) and Machhiwara (Ludhiana) are expected to be completed during the year 1983-84.

E—Publication of Punjabi Periodicals.

(1) *Jan Sahit.*—Original Writing i.e. Short Stories, Poems, One Act Plays and Articles of established writers as well as of the budding writers are published in this monthly magazine. It provides encouragement to new literatures. Every year twelve issues are published.

(2) *Punjabi Dunia.*—For providing new guidelines to the scholars in the field of literary criticism, this monthly magazine is being published for the last 33 years. Every year twelve issues are published. It's special issues are highly appreciated by the readers, teachers and Scholars.

A sum of Rs. 12,000 is given every year as remuneration to the writers/contributors of these magazines.

F—Punjabi Readers and Books:

(1) *Grant to Libraries.*—Financial Assistance in the shape of books to the extent of Rs. 18,000 is given every year to the different libraries in Punjab. The table below gives the progress made :—

TABLE XII

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--|---------|---------|-----------------------|
| Number of libraries given financial assistance | 66 | 74 | 76 |

(2) *Grant to Libraries.*—Financial Assistance in the shape of books to the tune of Rs. 25,000 to libraries relating to Punjabi Literature and Culture outside Punjab was also being granted every year. This scheme has, however, been dropped during this year for want of funds.

(3) *Books Exhibitions.*—With a view to popularise departmental publications in Punjab and outside Punjab, Book Exhibitions are organised occasionally. During the year 1981-82 such exhibitions were held at Delhi, Ludhiana, Patiala and Jalandhar. Such exhibitions were organised at Patiala, Sangrur, Delhi, Jaipur and Bombay during the year 1982-83 (upto November, 1982). It is proposed to hold exhibitions at Delhi, Chandigarh, Srinagar and Madras during the year 1983-84.

G—Research :

(i) *Literary Seminars.*—Research Papers on different literary topics are got written by prominent scholars and are discussed in the Literary Seminars conducted at the District and State Levels. 5 Research Papers have been read during the year 1981-82 and 1982-83, and 5 Research Papers are expected to be read during the year 1983-84.

(ii) *Publication of Thesis.*—Thesis pertaining to Punjabi Language, Literature and Culture approved for the award of Ph.D. and D.Lit. Degree are published by the Department to enable these valuable Research works to reach the readers at reasonable price. One thesis each during the year 1981-82 and 1982-83 were published and three thesis are likely to be published during the year 1983-84.

(iii) *Publication of Collected Works.*—Works of prominent Litterateurs are edited and published in a collected form to cater to the needs of the readers to enable them to avoid the botheration of going through several books of the selected writers. One such book during the year 1981-82 and two books during the year 1982-83 were published, one such book is likely to be published during the year 1983-84.

(iv) *Publication of Writers Personal Experience.*—To enable the readers an easy approach to the writers creative faculty and source of their inspiration, prominent writers in the field of poetry, Novel, Short Story, Drama etc. have been requested to detail their personal experience and sources of inspiration for literary achievements. No book was published during the year 1981-82. One book has been published during the year 1982-83 and one book is likely to be published during the year 1983-84.

(v) *Reference Library.*—Over 60,000 titles are available in the Reference Library of the Languages Department. Every year manuscripts and newly printed books of Punjabi, Hindi, Urdu and English

of all disciplines are added to the well equipped Departmental Library to provide material and facilities to the Research Scholars. The Table below shows the addition of new titles :—

TABLE XIII

| Languages | Titles available during 1981-82 | Titles added during 1982-83 (upto Nov. 1982) | Titles to be added during 1983-84 (Proposed) |
|-------------------|---------------------------------|--|--|
| Punjabi .. | 24,754 | 1,024 | 1,000 |
| Hindi .. | 18,111 | 220 | 150 |
| Urdu .. | 3,811 | 311 | 50 |
| English .. | 11,918 | 62 | 100 |
| Children Books .. | 733 | .. | 90 |
| Total .. | 59,367 | 1,617 | 1,390 |

H.— Miscellaneous Development Schemes:

(1) *Honouring of Journalists*.—Besides prominent Litterature renowned Punjabi Journalist is also honoured every year. He is presented with a purse of Rs. 5,100 along with Robe of Honour, a Medical and Citation. One Journalist is being honoured every year since 1968-69. Giani Mohan Singh Prem a renowned Punjabi Journalist was honoured during the year 1981-82 and Giani Uttam Singh a renowned Punjabi Journalist is being honoured during the year 1981-82. Similarly a renowned Journalist will be honoured during the year 1983-84.

(2) *Printing of Portraits of Prominent Writers*.—With a view to set up galleries in Schools, Colleges, Educational and Literary Institutions, small size portraits will also be printed for the preparation of their albums.

(3) *Stage and Drama Competitions*.—To encourage the Punjabi Stage and to give a chance to the young artists for presenting their stage craft, drama competitions are organised throughout the State at District level. Separate competitions for youngsters up to the age of 17 years and grown up persons are held at Divisional levels and 1st, 2nd and 3rd prizes each to Junior and Senior Groups are awarded. Senior Groups compete at State Level also and the winning group is awarded 1st Prize. This scheme will continue during the year 1983-84. A provision of Rs. 12,000 exists in the budget for this purpose. The table below shows the progress made during the year 1981-82 and 1982-83.

TABLE XIV (JUNIOR GROUP) 1981-82

| Serial No. | Division | Name of the Party | Name of the Drama | Prize Awarded |
|------------|-----------|---|------------------------|---------------|
| 1 | Ferozepur | Government High School, Phaphre Bhaik | Vinga Banda Sidha Raah | First |
| 2 | Ferozepur | Ajanta Art Circle, Bhatinda | Edhar Odhar Kithon Tak | Second |
| 3 | Ferozepur | Government Girls High School, Jalalabad (FZR) | Bhando Bhandar | Third |
| 4 | Jalandhar | Government Kanya High School, Gurdaspur | Massiah | Second |
| 5 | Jalandhar | Ram Garhia Higher Secondary School, Phagwara | Sach De Ashik | Third |

| Serial No. | Division | Name of the Party | Name of the Drama | Prize awarded |
|---|-----------|---|----------------------------|---------------|
| 6 | Jalandhar | M.D.S.D. Higher Secondary School, Kapurthala | Kive Koore Tute Pal | First |
| 7 | Patiala | Government Girls High School New Power House, Patiala | Sama Mang Karda Hai | First |
| 8 | Patiala | Senior Model School, Patiala | Suraj Dub Gaya | Second |
| 9 | Patiala | Nav Rang Manch, Samrala | Kive Koore Tute Pal | Third |
| Senior Group (1981-82) | | | | |
| 1 | Ferozepur | Venus Art Theatre, Bhatinda | Murghi Khana | First |
| 2 | Ferozepur | Rajindra Natak Club, Bhatinda | Edhar Odher Kithon Tak | Second |
| 3 | Ferozepur | Balraj Sahni Rang Mang, Bhatinda | Vinga Banda Sidha Raah | Third |
| 4 | Jalandhar | Kala Mandir, Amritsar | Anneh Kane | First |
| 5 | Jalandhar | Doaba Kala Manch, Manguwal (Jalandhar) | Loha Kut | Second |
| 6 | Patiala | Amateur Artists Association, Patiala | Arbad Narbad Dhandukara | First |
| 7 | Patiala | Nat Sansar, Patiala | Man Antar Ki Peer | Second |
| 8 | Patiala | Nav Rang Manch, Samrala | Begane Buhar Di Chhan | Third |
| 9 | Patiala | Lalit Kala Parishad | Nathe di Massi | Third |
| STATE LEVEL (SENIOR GROUP) 1981-82 | | | | |
| | | Venus Art Theatre, Bhatinda | Murghi Khana | First |
| 1982-83 (JUNIOR GROUP) | | | | |
| 1 | Patiala | Government Girls Higher Secondary School, New Power House Colony, Patiala | Chirian Da Chamba | First |
| 2 | Patiala | B.K.S. High School, Meer Mundla, Patiala | Pagal Lok | Second |
| 3 | Patiala | S.D.S.E. Higher Secondary School, Patiala | Lok Nath Akal Mand | Third |
| 4 | Ferozepur | B.B. Natak Mandal, Government High School, Phaphre Bhaike, Bhatinda | Begane Bohar De Chhan | First |
| 5 | Ferozepur | Government Girls High School, Jalalabad (West) (FZR) | Asali Nakali | Second |
| 6 | Jalandhar | Nav Yug Natak, Amritsar | Kive Koore Tute Pal | First |
| 7 | Jalandhar | Government Girls High School Patti | Ghuman Gheri | Second |
| 8 | Jalandhar | Navyug Kala Manch, Phagwara | Jigra Sheran Da | Third |

| Serial No. | Division | Name of the Party | Name of the Drama | Prize awarded |
|------------------------------------|---------------|--|-------------------------------|---------------|
| 1982-83 (SENIOR GROUP) | | | | |
| 1 | Patiala | Theatre of Arts, Patiala | Anneh Kane | First |
| 2 | Patiala | Theatre Devotees, Chandigarh | Pagal Khana | Second |
| 3 | Patiala | Kala Darpan, Ludhiana | Rehearsal | Third |
| 4 | Jalandhar | Dramatic Club, Jalandhar | Ishak Jinhan di Haddin Rachia | First |
| 5 | Jalandhar | Nav Rang Natak Sabha, Amritsar | Massiah | Second |
| 6 | Jalandhar | Jhankar Songs and Drama Wing, Amritsar | Ik Noor | Third |
| 7 | Ferozepur | Abhidoot, Bhatinda | Murghi Khana | First |
| 8 | Ferozepur | Lokdhara, Mansa | Ik Hor Ramayan | Second |
| 9 | Ferozepur | Venus Art Theatre, Bhatina | Anneh Kane | Third |
| STATE LEVEL (SENIOR GROUP) 1982-83 | | | | |
| 1 | Dramatic Club | Loyalpur Khalsa College, Jalandhar | Ishak Jinhan Di Haddin Rachia | First |

Similar divisional level competitions of Junior, Senior Groups and State level (Seniro Groups) are proposed to be organised during the year 1983-84.

Note.—Apart from aforementioned prizes, prizes for the Best Actors and Best Directors were also awarded in all the three divisions (Jalandhar, Ferozepur and Patiala) in Junior and Senior Drama Competitions and at the Senior Group State level competition. Similar prizes are proposed to be awarded to the best Actors and Directors during the year 1983-84.

(4) **Recitation Competition in Poetry:**—To find out the budding reciters Prizes to the extent of Rs 6,000 are awarded to the best participants in the recitation competitions in poetry. Competitions are organised throughout the State at District level and at the State level and the best reciters are awarded 1st, 2nd and 3rd Prizes. Under this scheme 36 reciters Middle Groups and 36 reciters primary groups were awarded prizes at district level and 3 reciters Middle group and 3 reciters Primary Groups were awarded prizes at the State Level during the years 1981-82 and 1982-83. Similar recitation competitions will be held in the year 1983-84.

(5) **On the Spot Literary Competitions:**—In order to discover literary talent in children and to exploit latent potentialities in this field on the spot Literary Competitions in Essay, Short Stories and Poetry limited to persons below 17 are held both at the State and District level. Such competitions were held at all the District Head quarters of the State and a State Level Competition at Ludhiana during the year 1981-82 and 1982-83. Similar functions will be held during the year 1983-84.

(6) **Organisation of Goshties:**—Four Goshties were organised during the year 1981-82 and 1982-83 on Prof. Puran Singh, Zila Sangrur, Zila Gurdaspur and Zila Faridkot Dee Punjabi Sahit Nu Dein. Similar 5 goshties are proposed to be organised during the year 1983-84.

(7) **Financial Assistance to Literary Societies.**—A sum of Rs 16,000 as financial assistance to the deserving Literary Societies is given every year. Table given below gives the progress made :—

TABLE—XV

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---|---------|---------|-----------------------|
| Number of societies given financial assistance .. | 18 | 18 | 18 |

(8) **Financial Assistance to Punjabi Literary Associations outside Punjab State** :—A sum of Rs 30,000 was being distributed to various Punjabi Literary Associations outside Punjab every year. This scheme has, however, been discontinued during this year for want of funds.

(9) **Special Purskar** :—Nanak Singh Novel Purskar of Rs 3,100 for 1981-82 was given to Dr. Dalip Kaur Tiwana. Similarly Rs 3,100 as Dr. Bhai Vir Singh Poetry award and Rs 3,100 as S. Gurbax Singh Prose award will be awarded during the year 1982-83 and 1983-84 respectively.

(10) **Prizes to the best published literature** :—An award of Rs 1000 is given to the best published book in Punjabi. A separate award of Rs 500 is provided for the best published book in the field of Children Literature. The table below gives the progress made:—

TABLE—XVI

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--|---------|---------|-----------------------|
| Number of best published books awarded prizes .. | 2 | 2 | 2 |

(11) **Organisation of functions outside Punjab.**—To maintain our linguistic and cultural contacts with the Punjabis residing outside the Punjab State, literary functions are organised in various States. The table below gives the progress made:—

TABLE—XVII

| Name of place | Number of functions held | | |
|---------------|--------------------------|---------|-----------------------|
| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
| 1—Delhi .. | 2 | 2 | .. |
| 2—Bombay .. | .. | 1 | .. |
| 3—Kanpur .. | .. | .. | 1 |
| 4—Madras .. | .. | .. | 1 |

H. New Schemes

(1) **Literary Centre, Delhi** :—A Literary Centre at Delhi has been established to establish liaison with other literary organisations such as the National Book Trust, the Children Book Trust, the Central Hindi Directorate and the Sahitya Akademy to co-ordinate its activities with those of private literary organisations interested in Punjabi Language and Literature and the Punjabi Theatre Groups, to develop contacts with Punjabi writers resident in Delhi, to set up a writers club, to organise drama festivals and other literary and folk festivals, to hold literary symposia and seminars in Punjab to establish a permanent book exhibition and an information centre for Punjabi literature, and to set up a sales centre for the departmental publications.

(2) **Paper Back Series** :—No Publisher, private or public is at present producing Punjabi books in cheap paper Back Series. The Department of Languages has undertaken this responsibility. Writers would be benefited through adequate royalty and the readers would get quality literature at reasonable rates. This scheme could not be executed in full during 1981-82 (up to November, 1981) for want of approval of Administrative Department in regard to the filling up of Gazetted Posts. However the execution of this scheme was taken in hand with the appointment of Assistant Director in November, 1981. During the remaining period 1981-82, five books have been sent to the press. The production of books under this scheme is likely to go up to sixteen during the year 1982-83. During 1983-84, 20 books are proposed to be produced.

* * * *

The table below gives the sanctioned strength in respect of item No. 1 of Programme/Activity Classification:—

TABLE XVIII

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|--------------|---------|---------|-----------------------|
| Class I .. | 1 | 1 | 1 |
| Class II .. | 17 | 17 | 17 |
| Class III .. | 201 | 204 | 204 |
| Class IV .. | 77 | 77 | 77 |
| Total .. | 296 | 299 | 299 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates., 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|----------------------|----------|-------|------------------------------|----------|-------|--------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 2 . Development and introduction of National Language Hindi | 1,44 | 3,41 | 4,85 | 1,63 | 3,92 | 5,55 | 1,63 | 4,09 | 5,72 | 1,76 | 4,46 | 6,22 |

The Punjab Government is committed to the development of National Language Hindi as provided in the State Official Language Act, 1967. This work is being carried out by two Assistant Directors and One Editor (Gazetted) along with other ancilliary staff who are under the overall charge of Director, Languages Department, Punjab. The duties assigned to the Assistant Directors and the Editors are as under:—

(1) Assistant Director (Development)

1. Execution and Development of Hindi Schemes (Non-Plan).
2. Grant-in-aid to Writers/Artists (Hindi).
3. Honouring of Litterateurs/(Hindi)
4. Honouring of Litterateurs (Sanskrit)
5. Financial Assistance to Sanskrit Pandits.
6. Organisation of Sanskrit Diwas (Functions).
7. Selection of Persian, Arabic, Sanskrit scholars for Central Government's recognition and aid.

(2) Editor (Hindi Magazine)

1. Editing and publication of departmental Hindi Magazine.
2. Maintenance of accounts of the sale of Magazine "Punjab Saurabh".
3. Sale and despatch of Magazine "Punjab Saurabh".
4. Execution of following Plan Schemes for the development of Hindi:—
 - (i) Guru Gobind Singh Award.
 - (ii) Organisation of Sahit Sirjan/Hindi Poetry Recitation Competitions at District & State Level.
 - (iii) One Act Play Competition.
 - (iv) Short Stories Competitions.
 - (v) Essay Competitions.
 - (vi) Organisation of Hindi Drama Competitions at Divisional and State Level.
 - (vii) Financial Assistance to Hindi Writers for the publication of their literary works.

(3) Assistant Director, (Hindi Cell) Chandigarh.

Translation of Government material from Punjabi and English to Hindi for correspondence with the Government of India and other States.

A scheme to provide incentive to the litterateurs.

(1) Honouring of eminent Litterateur:—A prominent Litterateur from amongst the Hindi Litterateurs of Punjab or born and brought up in Punjab is being honoured every year since 1952. He is presented with a purse of Rs 5,100 along with a Robe of Honour, a medal and Citation. An eminent Hindi Litterateur, namely, Dr. Hardev Bahri was honoured during the year 1981-82. Dr Indu Bal an eminent Hindi Litterateur is being honoured during the year 1982-83. Similarly an eminent Hindi Litterateur will be honoured during the year 1983-84.

(2) Centenaries and Birth/Death Anniversaries of eminent Hindi Poets:—To celebrate such functions is a regular feature of this department. Two such functions regarding Surdas and Prem Chand

Centenary were held during the year 1981-82. One such function regarding Guru Teg Bahadur is likely to be organised during the year 1982-83. Two such functions are likely to be organised during the year 1983-84.

(3) **Financial Assistance to the indigent Hindi Writers/Artists and Literary Associations:**—A sum of Rs 20,000 is disbursed as grant-in-aid every year to indigent Hindi writers and their families/Artists and Hindi Literary Associations. Under this scheme, financial assistance has been given to Five writers, two Artists and Seven Literary Associations during the year 1981-82. Four writers, two Artists and Six Literary Associations are expected to get financial assistance during the year 1982-83 and 1983-84.

(4) **Award of prizes to the Best Literary works:**—A sum of Rs 6,000 is provided every year for the award of prizes to the best literary works in the field of Poetry, Fiction, Drama, Essay, Criticism and children Literature. During the year 1981-82 the competition was held and the books to be given awards selected. The Government approval is still awaited. The amount will be disbursed after the receipt of the same. During the year 1982-83 the process of selecting books for awards is on and the awards will be given after the approval of Government. This scheme will continue during the year 1983-84.

(5) **One Act Play Competition:**—With a view to provide incentive to the Hindi Drama writers of the State and to encourage State Craft, One Act Play Competition in Hindi is organised every year and prizes worth Rs 700 are awarded to the winners. Sarvshri Jasbir Singh (Rs 300), Anil Sharma, Manohar Bhatia and R.S. Dutt (Rs 200) and Kamal Bharti (Rs 100), during the year 1981-82 and Sarvshri Manohar Bhatia (Rs 300), Prem Kumar Garg (Rs 200) Mahavir Duggal (Rs 100) and Km. Pallavi Sharma (Rs 100) were awarded prizes during the year 1982-83. This scheme will continue during the year 1983-84.

(6) **Short Story Competition:**—To locate and encourage budding short story writers a competition is organised and prizes worth Rs 700 are awarded to the best writers. Sarvshri Yashbir Dharmani (Rs 300), Jagdish Nandini (Rs 200), B.R. Padam (Rs 100) and Manoj Sharma (Rs 100 Special) were awarded prizes during 1981-82 and to Sarvshri Raghbinder Saini (Rs 300) Kumari Jagdish Nandan (Rs 200) Saili Baljit (Rs 100) and Sandeepan (Rs 100) were awarded during 1982-83. The scheme will continue during the year 1983-84.

(7) **Essay Competition:**—A competition in writing original literary essays of light nature is held every year and prizes worth Rs 700 are awarded to the best essayists. During the year 1981-82 Sarvshri Lakhpat Rai Prabhakar (Rs 300) Dr. Shakuntala Verma (Rs 200) Dr. Pushpal Singh (Rs 100), Miss Inder Mohini Chopra (Rs 100 Special) were awardee prizes and Sarvshri Jasbir Singh (Rs 300), Mahavir Duggal (Rs 200), Rakesh Singh (Rs 100) & Raj Kumar (Rs 100 Special) have been awarded during the year 1982-83. The scheme will continue during the year 1983-84.

(8) **Kavi Sammelans:**—To encourage the established as well as upcoming poets, poetic symposia are organised by the Department every year, Kavi Sammelans are being held every year at different places where more than 10 poets participates in each function. A sum of Rs 13,000 has been provided for this purpose. The progress made is as under:—

TABLE XIX

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|-------------------------------|---------|---------|-----------------------|
| Number of Kavi Sammelans held | 3 | 3 | 4 |

(9) **Grant-in-aid for publication of Hindi Books /Works:**—Grant-in-aid is being provided to Hindi Writers for publishing their works of high literary merit. During the year 1981-82 and 1982-83 seven writers were given financial assistance under this scheme. This scheme will continue during the year 1983-84.

B. Development of Hindi

(1) **Translation of Punjabi Works into Hindi and Hindi works into Punjabi** :—A provision of Rs 36,000 has been made in the budget for the translation of standard Punjabi works into Hindi and Hindi works into Punjabi. The progress made is as under:—

TABLE XX

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---|---------|---------|-----------------------|
| No. of books translated (Punjabi works into Hindi and Hindi works into Punjabi) | 14 | 14 | 12 |

(2) **Editing of manuscripts in Hindi**:—Old manuscripts which are lying in the libraries are being edited and published for the benefit of readers. This scheme will continue during 1983-84.

(3) **Transliteration**:—Voluminous Hindi literature produced in Punjabi through Gurmukhi script is being transliterated and published in Devnagri scripts. Second and third volume of Guru Nanak DIG VIJAY were sent for publication during the year 1981-82. One manuscript entitled "KRISHAN SAHIT SINDHU" has been sent for publication during the year 1982-83. Two books under this scheme are likely to be sent for publication during the year 1983-84. A sum of Rs 18,000 is provided in the budget for this purpose.

C. Publication of Hindi Magazines

(1) **Publication of Hindi Magazines**:—To provide opportunity and outlet to the Hindi writers of the Punjab to get their literary writings published and to highlight literary talent of the State, a monthly Hindi Magazine (Punjab Saurabh) is being published by the Department. Every year twelve issues are published and a sum of Rs 6000 is given as remuneration to the writers/contributors of this magazine.

D. Hindi Readers and Books

(1) **Grant to Libraries**:—A grant of Rs 9000 for the purchase and addition of Hindi books to the libraries of Punjab is given every year. The table below shows the number of libraries given grant under this scheme:—

TABLE XXI

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---------------------------------|---------|---------|-----------------------|
| Number of libraries given grant | 66 | 74 | 76 |

(2) **Book Exhibitions**:—With a view to popularise Hindi Literature books exhibitions are organised at the time of literary functions at District, Divisional and State Head quarters.

E. Research

(1) **Hindi Literacy Seminars**:—Research papers on different literary topics are got written by the prominent scholars and are discussed at the literary Seminars. The Seminars are held at District and State Headquarters every year. Three literary Seminars during the year 1981-82 and 3 Seminars during the year 1982-83 have been held, 4 seminars are expected to be held during 1983-84.

(2) **Publication of Thesis:**—Thesis approved by the Universities for the award of Ph. D. and D. Lit Degrees are published for the benefit of Research Scholars and Students. The books are sold at no profits no loss basis. Two such books during the year 1981-82 and 3 such books during the year 1982-83 have been sent for publication. 6 books under this scheme are likely to be sent for publication during the year 1983-84.

F. Miscellaneous Development Schemes

(1) **Drama Competition:**—To develop and provide facilities for staging Hindi drama, the department organises Drama Competitions for Artists of Junior as well as Senior age groups. A sum of Rs. 12,000 is provided for this purpose. Divisional Level Hindi Drama Competitions of Juniors and Senior Groups were held at various places in the State during the year 1981-82 in which the following teams were awarded prizes.

Table XXII—Junior Groups 1981-82

| Serial No. | Division | Name of the party | Name of Drama | Prize |
|------------|-----------|--------------------------------------|-------------------------|--------|
| 1 | Ferozepur | D.C. Model School, Ferozepur | Ek Tha Gadha | First |
| 2 | Ferozepur | G.H.S. Jalalabad, Ferozepur | Parshad | Second |
| 3 | Patiala | Shri Jain Girls High School, Patiala | Unche Log | Second |
| 4 | Jalandhar | Nishan Kala Kender, Jalandhar | Shamhe Azadi Ke Parwane | Third |

Senior Groups 1981-82

| | | | | |
|---|-----------|---------------------------------|---------------------|--------|
| 1 | Ferozepur | Ajanta Art Circle, Bhatinda | Dharam Imaan | First |
| 2 | Ferozepur | Venus Art Theatre, Bhatinda | Ek Tha Gadha | Second |
| 3 | Ferozepur | Ajindra Club, Bhatinda | Darinde | Third |
| 4 | Patiala | Lalitaya Kala Parishad, Patiala | Khilji Ka Dant | First |
| 5 | Patiala | Mayur Kala Darpan, Patiala | Dil Ki Dukan | Second |
| 6 | Patiala | Vikrant Kala Manch, Patiala | Dhongi | Third |
| 7 | Jalandhar | Panch Rang Manch, Patti | Lal Tikon | First |
| 8 | Jalandhar | Jhankar Club, Amritsar | Tamur Ke Haar | Second |
| 9 | Jalandhar | Navyug Kala Kendar, Phagwara | Singhasan Khali Hai | Third |

State Level 1981-82

| | | | |
|---|---------------------------------|----------------|-------|
| 1 | Lalitaya Kala Parishad, Patiala | Khilji Ka Dant | First |
|---|---------------------------------|----------------|-------|

Junior Group 1982-83

| | | | | |
|---|-----------|--------------------------------------|-----------------------|--------|
| 1 | Ferozepur | G.G. Hr. Sec. School., Jalalabad | Kale Kauway Gore Hans | First |
| 2 | Patiala | Arya Girls, Hr. Sec. School, Patiala | Chhuppan Chhapai | First |
| 3 | Patiala | S.D.S.E. Hr. Sec. School, Patiala | Lakh Ke Naak | Second |
| 4 | Patiala | C.P. Model, Patiala | Rang Nagri | Third |
| 5 | Jalandhar | Jhankar Song and Dramawing Amritsar | Ulte Seedhe Raste | First |

Senior Group (1982-83)

| Serial No. | Division | Name of Party | Name of Drama | Prize |
|------------|-----------|---------------------------------------|---------------|--------|
| 1 | Ferozepur | Youth Club, Bhatinda | Naya Itihas | First |
| 2 | Ferozepur | D.C.M. School, Ferozepur Cantt. | Moorti | Second |
| 3 | Patiala | Mayur Kalan Darpan, Patiala | Sanyog | First |
| 4 | Jalandhar | Jhankar Song and Drama Wing, Amritsar | Ek hi Noor | First |
| 5 | Jalandhar | Navyug Kala Manch, Phagwara | Kalank | Second |

State Level (Senior Group) 1982-83

State Level (Senior Group) drama competition is likely to be held on 20th February, 1983 at Ludhiana.

Similarly Division level competitions of Junior, Senior Groups and State Level (Senior Groups) are proposed to be organised during the year 1983-84.

Note :—Apart from afore-mentioned prizes, prizes for the Best Actors, and Best Directors were also awarded in all the three divisions (Jalandhar, Ferozepur and Patiala) in Junior and Senior Drama Competitions and at the Senior Groups State Level Competitions. Similarly prizes are proposed to be awarded to the best Actors, and Directors during the year 1983-84.

(2) **Hindi Poetry Recitation Competitions.**—Competition in Recitation of Hindi Poetry among Junior (upto middle) and Senior (High and Higher Secondary and Prep Classes) competitions were held during the year 1981-82 and 1982-83 in which the 84 prizes (Senior 39 +3 and Junior 39 +3) were awarded at District and State Level Competitions. This scheme will continue during the year 1983-84.

(3) **On the Spot Literary Competitions.**—On the spot literary competitions in Essay, Poetry and Short story were organised in the year 1981-82 and 1982-83 in which 126 prizes (each item) were given to the winners of District and State levels. This scheme will continue during the year 1983-84.

(4) **Guru Gobind Singh Hindi Special Puskar.**—Guru Gobind Singh Hindi Special Puskar is given after every three years. This puskar will be awarded during the year 1982-83 and 1985-86.

G. Introduction of Hindi and Administration

(1) **Correspondence with the Government of India.**—Correspondence with the Government of India is done through the medium of Hindi. Hindi Cell of the Language Department in the Civil Secretariat, Chandigarh helps the State Government in this correspondence.

(2) **Correspondence with the Hindi Speaking States.**—Arrangements also exist for the correspondence in Hindi with Hindi speaking States and the State of Gujrat.

(3) **Examination of Government Employees.**—Examination of Matric Standard in Hindi is also held as and when required for the Punjab Government employees and necessary Certificates are issued to the successful candidates.

The table below gives the sanctioned staff position in respect of item No. 2 of programme/Activity classification :—

TABLE XXIII

| | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|-----------|---------|---------|-----------------------|
| Class II | 3 | 3 | 3 |
| Class III | 18 | 18 | 18 |
| Class IV | 8 | 8 | 8 |
| Total | 29 | 29 | 29 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 3 Development of Urdu | 1,46 | .. | 1,4 | 1,59 | .. | 1,59 | 1,59 | .. | 1,59 | 1,70 | .. | 1,70 |

The Plan scheme chalked-out during the year 1974-75 for the development of Urdu Language envisages a number of development schemes for the promotion of Urdu in the Punjab State. This work is carried out by the Editor Urdu (Gazetted) alongwith some ancillary staff who are under the overall charge of Director, Languages Department, Punjab. The duties assigned to Editor Urdu are as under :—

Editor (Urdu Magazine) :

1. Editing and publication of departmental Urdu Magazine.
2. Maintenance of Accounts of the sale of "Parwaz-e-Adab" (Urdu Magazine).
2. Sale and despatch of "Parwaz-e-Adab".
4. Execution of the following schemes for the development of Urdu :—
 - (i) Honouring of Litterateur.
 - (ii) Financial Assistance to indigent Urdu writers and to individual writers for publication of their literary works.
 - (iii) Organization of Mushairas/Seminars.
 - (iv) Prizes to the best literary books/best published books.
 - (v) Running of Urdu Classes at all the District Headquarters/Chandigarh and holding of Urdu Amoz Examination.

The Salient features of this scheme are as under :—

A—Development of Urdu Language and Literature

(1) **Honouring of Eminent Urdu Litterateur:**—An eminent Urdu Litterateur from amongst the litterateurs of Punjab or born and brought up in Punjab is honoured every year in appreciation of his valuable contribution to the Urdu Language. He is presented with a purse of Rs. 5,100 alongwith the Robe of Honour, a Medal and Citation. This scheme was started during the year 1974-75. Shri Ralla Ram Rattan Pandorvi was honoured during the year 1981-82. Shri Puran Singh Hunar an eminent Urdu Litterateur is being honoured during the year 1982-83. Similar Eminent Urdu Litterateur will be honoured during the year 1983-84.

(2) **Financial Assistance to the Indigent Urdu Writers/Their dependents:**—A sum of Rs. 10,000 is disbursed as grant-in-aid every year to the indigent Urdu Writers and their families. Under the scheme 15 writers during the year 1981-82 have been benefitted and equal number of writers are proposed to be provided with financial assistance during the year 1982-83 and 1983-84.

(3) **Award of prizes to the best literary works:**—A sum of Rs. 3,000 is provided for the award of prizes to the best literary works produced during the previous calendar year. This scheme was started during the year 1975-76. Dr. O.P. Zar Allami, Dr. Naresh and Shri Zafar Adeeb were awarded Rs. 1,000 each for their books titled "Tajilliat" (Poetry) 'Band Darwaza' (Short Stors) and 'Galib Ke Maanvi Esatiza' (criticism) respectively for the year 1981-82. Similar award of prizes to the best literary works will be granted during the year 1982-83 and 1983-84.

(4) **Urdu Mushairas:**—To encourage Urdu Poetry in Punjab a sum of Rs. 4,000 is provided every year to hold Urdu Mushairas. A Mushaira was held at Ludhiana during the year 1981-82 in memory of Late Shri Sahir Ludhianvi. One Mushaira is proposed to be held at Ludhiana during the year 1982-83. Similarly Urdu Mushaira will be held during the year 1983-84.

(5) **Translation of Punjabi works into Urdu and Vice-Versa:**—A sum of Rs. 3,000 is spent every year on the translation of standard Punjabi works into Urdu to make them available to the Urdu readers and Urdu works are got translated into Punjabi. This scheme was started during the year 1975-76. The work of translation of two Urdu books "Saat Khel" and "Tedi Lakeer" has been accomplished during the years 1981-82 and 1982-83 respectively. New books for translation from Urdu into Punjabi and Punjab into Urdu are to be selected and allotted for translation during the year 1982-83. Similar action will be taken during the year 1983-84.

(6) **Award of prizes to the best published works:**—A prize of Rs. 1,000 is awarded to the best published book in Urdu. This scheme was started during the year 1975-76. No book eligible for the purpose was received during the year 1981-82. Books received during the year 1982-83 and 1983-84 if found eligible will be awarded the required prizes.

(7) **Grant-in-aid for the publication of literary works:**—The writers who are not financially sound to get their literary works published are given financial assistance to the tune of Rs. 10,000 every year. During the year 1981-82 five manuscripts have been selected for this purpose. This scheme will continue during the years 1982-83 and 1983-84.

(8) **Literary Seminars:**—To provide a common platform to the Urdu writers and to co-ordinate their efforts with the contemporary Punjabi and Hindi writers, literary Seminars are organised. A sum of Rs. 3,000 is provided for this purpose. This scheme was started during the year 1975-76. Two Seminars were held at Patiala during the year 1981-82. One Seminar was held at Patiala during the year 1982-83 and another Seminar is also likely to be held during this year. One such Seminar is proposed to be held during the year 1983-84.

(9) **Publication of Urdu Magazine:**—A monthly Urdu Magazine namely "Parwaze-e-Adab" has been started by the Department to fulfil the long standing requirement of Urdu readers as well as writers of Punjab. This scheme was sanctioned during the year 1975-76. This magazine is being published regularly since March, 1979. It has got wide readership and its sale is picking up. A sum of Rs. 7,000 is given every year as remuneration to the writers/contributors of this Magazine.

B. Urdu Centres

Centres for teaching Elementary Urdu:—To maintain the popularity of Urdu Language in Punjab, free classes for teaching elementary Urdu have been started at all district head quarters and at Chandigarh. A cash prize of Rs. 100 to the candidate topping the list of "Urdu Amoz" examination, being conducted by the department is being granted every year by the department. Shri Vijay Pal Sharma of Amritsar has been awarded the cash prize of Rs. 100 for the session of June, 1982.

The table given below shows the sanctioned staff for this scheme :

TABLE XXIV

| Sanctioned strength | 1981-82 | 1982-83 | 1983-84 (Proposed) |
|---------------------|----------|----------|-----------------------|
| Class II | 1 | 1 | 1 |
| Class III | 5 | 5 | 5 |
| Class IV | 2 | 2 | 2 |
| Total | 8 | 8 | 8 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 4. Development of Sanskrit Language | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | 24 |

This scheme, namely Development of Sanskrit Language envisages a number of Development Schemes for the promotion of Sanskrit Language in the Punjab State. Under this scheme a well known Sanskrit writer of Punjab State will be honoured. Besides, this, books pertaining to Sanskrit will be distributed to various Libraries in the State of Punjab and financial assistance to the individual writers of the Punjab State will be awarded so as to enable them publish their works. In order to encourage interest and inculcate love for the Sanskrit Literature Seminars will be arranged and debates held. This is a new scheme being proposed to be included in the budget estimates for the year 1983-84 of this department. More development schemes for the promotion of Sanskrit Language are likely to be included in the coming years with the allocation of more funds by the Government.

TABLE XKV

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|---|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | 5. Promotion of Regional Language (Punjab State University Text Book Board) | 16,04 | .. | 16,04 | 19,67 | .. | 19,67 | 20,84 | .. | 20,84 | 34,62 | .. |

This is a partially centrally sponsored scheme. The Punjab University Text Book Board, was established in 1970, under the Government of India scheme for the preparation and production of Text Books of the University level in the Regional Languages. The Government of India undertook to reimburse the entire expenses with regard to the production of books (Administrative as well as Academic) upto 1977, the Government of India continued to reimburse the expenses but after that the scheme was revised in order to provide some involvement on the part of the State Government and it was decided that the State Government should bear the entire administrative expenses of the Institutions in the various states. Since then the Government of Punjab is paying Grant-in-aid for the Administrative expenditure of the Punjab State University Text Book Board as State share and the Central Government is providing Grant-in-aid on cent per cent basis for the preparation and production of books as Centre share.

LABOUR DEPARTMENT PUNJAB

I—INTRODUCTION

The Labour and Employment are two separate Departments under the over all charge of one officer, who heads with the Departments and performs dual functions of the Labour Commissioner, Punjab and the Director of Employment, Punjab.

2. Maintenance of industrial peace, regulation of hours of work, conditions of service, wages of workmen employed in factories, shops, and commercial establishments, farm labour, bonded labour and Contract Labour through various statutory measures both of Central and State Govt., are the main functions of the Labour Department. Implementation of the recommendations of the various Central Wage Boards through persuasive efforts, promotion of housing facilities for industrial workers and welfare measures to enable the workers and their wards and dependants to utilise their leisure time in a constructive way, are the other functions of the Department.

3. For functional convenience the work at head quarters is divided into seven wings, namely, (1) Industrial Relations and Implementations (2) Administration (3) Shops and Wages, (4) Statistical (5) Factories, (6) Labour Welfare and Industrial Housing and (7) Accounts, Budget and Planning.

The Labour Commissioner, Punjab, is assisted by the following nine officers at the Headquarters. Details of their duties entrusted to them are also given as under :—

| | |
|--|--------|
| 1. Additional Labour Commissioner | .. One |
| 2. Joint Labour Commissioner | .. Two |
| 3. Deputy Chief Inspector of Factories | .. One |
| 4. Deputy Labour Commissioner | .. One |
| 5. Asstt. Labour Commissioner | .. One |
| 6. Statistical Officer (Labour) | .. One |
| 7. Accounts Officer | .. One |
| 8. Tehsildar (Recovery) | .. One |

1. Additional Labour Commissioner is entrusted with the following work :—

1. Industrial dispute cases.
2. Workers participation in Management.
3. Workers Education.
4. Industrial Employment (Standing Orders) Act, 1946.
5. Working Journalists and other Newspaper Employees (Conditions of Service) and Misc. Provisions Act, 1955.
6. Sales Promotion Employees (Conditions of service) Act.
7. Trade Unions Act.
8. Payment of Gratuity Act, 1972-Appellate Work.
9. Payment of Bonus Act.
10. Assembly Work including Assurance.
11. Legal Work.

12. Chief Vigilance Officer.
 13. Tour Programme of L.C.Ws.
 14. Co-ordination for Conciliation work in view of M. B. O. Target.
 15. New Legislation.
2. Joint Labour Commissioner I is entrusted the following work :
1. Establishment.
 2. Planning.
 3. Public Grievances Officer.
 4. Tour Programme of the non-gazetted employees of the Deptt.
 5. Estimates Committee.
 6. Installation of telephones.
 7. Drawing and Disbursing Accounts and Stationery.
 8. Budget Planning/Public Account Committees.
 9. Medical Re-imbusement.
 10. Family Planning.
 11. Flying Squad with assistance of Asstt. Labour Commissioner.
 12. Punjab Shops and Commercial Establishments Act.
 13. Renting of Buildings.
 14. Disputes Cases—Hoshiarpur, Ropar, Patiala and Sangrur Districts.
 15. Trade Union Act.
3. Joint Labour Commissioner II is entrusted the following work :
1. Contract Labour Act (Regulation-Abolition) Act, 1970.
 2. Standing Labour Committees.
 3. Bonded Labour Act.
 4. Inter State Migrant Workmen Act/Dadon Labour.
 5. Employees Provident Fund Act.
 6. Employees State Insurance Act.
 7. Implementation of Awards and Settlements.
 8. Industrial Housing.
 9. Labour Welfare Centre
 10. Grant of Loans to Industrial workers.
 11. Holiday Home.
 12. National and Festival Holiday and Casual and Sick leave Act.

13. Labour Advisory Board.
 14. Personal Injuries (Compulsory Insurance) Act and Scheme.
 15. Dispute Cases—Jalandhar, Amritsar, Gurdaspur and Ferozepur District.
4. Deputy Chief Inspector of Factories, Punjab :

He is officer-in-charge of Factory Section and Supervises the work of Factory Inspectors. Main functions of factory Inspectors is to ensure the proper implementation of factories Act, 1948. Main object of this Act is to ensure proper working conditions and safeguard the health of workers employed in the factories .

5. Deputy Labour Commissioner is entrusted with the following work :
1. Management by Objectives.
 2. 20-Point Economic Programme.
 3. Minimum Wages Act and Agricultural Labour.
 4. Equal Remuneration Act.
 5. Wage Board Awards and Bi-partite Fixation of Wages.
 6. Payment of Wages Act.
 7. Workmen's Compensation Act.
 8. Fair Wage Clause.
 9. Working Journalists (Fixation of Rates of wages) Act, 1958.
 10. Dispute Cases--Kapurthala, Bhatinda, Faridkot, Ludhiana and Amritsar.
7. Asstt. Labour Commissioner is entrusted with the following work :—
1. Maternity Benefits Act.
 2. Employment of Children Act.
 3. Motor Transport Workers Act.
 4. Library.
 5. Consumer Co-operative Stores.
 6. Flying Squad with J. L. C. I.
 7. Misc. work.
 8. Statistical Officer (Labour)
 1. Statistics (Collection).
 2. Annual and Periodical Reports.
 3. I. L. O.
 4. Labour Advisory Board (Through J. L. C. II)

5. Library and Newspaper including Press Cuttings.
6. Monthly Labour News Bulletin and Labour Journal.
7. Officers Meetings.
9. Accounts Officer.

He is supervising the work relating to Budget and Accounts of G. P. Fund cases, store and stationery, Advances and Loans, Pay and T. A. Bills, House Rent Cases, Audit and Accounts Officers of Labour-cum-Conciliation Officer and rent realisation of Industrial quarters.

10. Tehsildar (Recovery)

He has been entrusted with work of recovery of workers dues from the employers under the Industrial Disputes Act for all the Districts of the State.

The Administration of the Factories Act, 1948, is directly supervised by the Labour Commissioner, who is the Chief Inspector of Factories at Headquarters. The Administration of this key legislation is carried out with the assistance of two medical Inspectors of Factories, Twenty three Inspector of Factories. One Inspector of Factories (Civil) and One Inspector of factories (Chemical) who are Class II Officers. There are two Inspectors one each at Ludhiana and Amritsar while the rest are posted at other important industrial centres like Batala, Jullundur, Moga, Patiala, Sahibzada Ajit Singh Nagar (Mohali).

The supervision of work concerning the houses constructed under the subsidised Industrial Housing Scheme at Batala, Amritsar, Dhariwal, Bhogpur, Chheharta, Ludhiana, Gobindgarh, Patiala and Rajpura for Industrial workers and the work relating to their allotment, recovery of rent and sale on hire purchase basis has been entrusted to the respective Labour-cum-Conciliation Officers in the State.

As regards the implementation of the Labour Laws, the State has been divided into twenty three zones, each under the Labour-cum-Conciliation Officer, three at Ludhiana, two at Amritsar, and one each at Tarn-Taran, Jullundur, Nakodar, Hoshiarpur, Dasuya, Kurali, Dhariwal, Moga, Patiala, Khanna, Gobindgarh, Batala, Mohali, Sangrur, Jalalabad (West), Ferozepur, Kapurthala, Bhatinda. The Conciliation Officers under the Industrial Disputes Act, are required to bring about settlement through conciliation where an industrial dispute occurs and in case of failure they have to send statutory report. These reports form the basis of the reference to such disputes for adjudication to the labour Courts, and Industrial Tribunal, by the Govt.

All the Labour-cum-Conciliation Officers in the State have been declared as Controlling Authority under the Payment of Gratuity Act, 1972, to take up the complaints made by the workers for non-payment of legal dues of gratuity for the implementation of the provisions of this Act.

For inspection work of other Labour Laws, the Labourers are assisted by 42 Labour Inspector Grade I and 35 Labour Inspector Grade II. The number of Inspectors under each Labour Officer are allocated keeping in view the number of Industrial units in that area and the other work load to be attended to by them.

Due to progressive industrialisation of the State and growing consciousness amongst the workers and change in the socio economic conditions in the State, the number of industrial disputes has been on the increase in the State. The Industrial Disputes Act, 1947, provides for the settlements of Industrial disputes through conciliation and in case of failure of settlement of disputes are referred to industrial tribunals, Chandigarh/Labour Courts at Ludhiana, Jullundur, Patiala, and Amritsar for adjudications.

II. FINANCIAL REQUIREMENTS

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|--------------|--------------|---------------------------------|--------------|--------------|----------------------------------|--------------|--------------|---------------------------------|--------------|--------------|
| | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| A—Labour— | | | | | | | | | | | | |
| (a) Direction and Administration | .. | 12,60 | 12,60 | .. | 12,71 | 12,71 | .. | 13,63 | 13,63 | .. | 16,03 | 16,03 |
| (b) Industrial Relations | 73 | 32,00 | 32,73 | 4,60 | 32,14 | 36,74 | 2,60 | 34,64 | 37,24 | 5,50 | 36,00 | 41,50 |
| (c) Working Conditions and Safety | 6 | 9,81 | 9,87 | 0,40 | 10,95 | 11,35 | 40 | 11,83 | 12,23 | 0,50 | 12,55 | 13,05 |
| (d) General Labour Welfare | 31 | 10,83 | 11,14 | .. | 11,50 | 11,50 | 2,05 | 11,72 | 13,77 | .. | 12,28 | 12,28 |
| (e) Research and Statistics | .. | 2,13 | 2,13 | .. | 2,41 | 2,41 | .. | 2,61 | 2,61 | .. | 2,81 | 2,81 |
| Total A | 1,10 | 67,37 | 68,47 | 5,00 | 69,71 | 74,71 | 5,05 | 74,43 | 79,48 | 6,00 | 79,67 | 85,67 |

II. FINANCIAL REQUIREMENTS

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|--------------|--------------|---------------------------------|--------------|--------------|----------------------------------|--------------|--------------|---------------------------------|--------------|--------------|
| | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| B—Objectwise Classification | | | | | | | | | | | | |
| 1. Salaries | 24 | 54,03 | 54,27 | 2,23 | 55,78 | 58,01 | 3,50 | 60,48 | 63,98 | 4,50 | 63,77 | 68,27 |
| 2. Wages | .. | 13 | 13 | .. | 33 | 33 | .. | 30 | 30 | .. | 35 | 35 |
| 3. T. E. | 15 | 1,70 | 1,85 | 0,54 | 1,51 | 2,05 | 33 | 1,51 | 1,84 | 35 | 1,57 | 1,92 |
| 4. O. E. | 50 | 4,70 | 5,20 | 2,08 | 4,05 | 6,13 | 85 | 4,05 | 4,90 | 1,15 | 5,56 | 6,71 |
| 5. Advt. charges | .. | 16 | 0,16 | .. | 8 | 8 | .. | 3 | 3 | .. | 8 | 8 |
| 6. Grant-in-aid | .. | 5,06 | 5,06 | .. | 5,03 | 5,03 | .. | 5,03 | 5,03 | .. | 5,03 | 5,03 |
| 7. Other charges | .. | .. | .. | .. | 3 | 3 | .. | 3 | 3 | .. | 3 | 3 |
| 8. Medical charges | .. | .. | .. | .. | 89 | 89 | .. | 99 | 99 | .. | 1,19 | 1,19 |
| 9. R.R.T. | 21 | 1,59 | 1,80 | 15 | 2,01 | 2,16 | 37 | 2,01 | 2,38 | .. | 2,09 | 2,09 |
| Total B | 1,10 | 67,37 | 68,47 | 5,00 | 69,71 | 74,71 | 5,05 | 74,43 | 79,48 | 6,00 | 79,67 | 85,67 |
| C—Sources of Financing demand No. 22 Major head 287—Labour and Employment | 1,10 | 67,37 | 68,47 | 5,00 | 69,71 | 74,71 | 5,05 | 74,43 | 79,48 | 6,00 | 79,67 | 85,67 |
| Total C | 1,10 | 67,37 | 68,47 | 5,00 | 69,71 | 74,71 | 5,05 | 74,43 | 79,58 | 6,00 | 79,67 | 85,67 |

III. EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|--|------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (a) Direction and Administration | .. | 12,60 | 12,60 | .. | 12,71 | 12,71 | .. | 13,63 | 13,63 | .. | 16,03 | 16,03 |

The Labour Department is under the overall charge of the Labour Commissioner, Punjab, who is assisted by the One Additional Labour Commissioner, Joint Labour Commissioner, Two Deputy Labour Commissioners, One Assistant Labour Commissioner and Statistical Officer (Labour) along with ministerial staff. The executive directions relating to policy formulation and administrative orders are issued from the Directorate are further executed by the Labour-cum-Conciliation Officers, Deputy Chief Inspector of Factories, Punjab, Chief Inspector of Shops, Punjab, Medical Inspectors of Factories, Inspector of factories Labour Inspector Grade-I and II with the supporting staff. The following is the summary of the staff at directorate level.

TABLE I

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|--------------------|---------|----------|-------|---------|----------|-------|---------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Class I | .. | 5 | 5 | .. | 5 | 5 | .. | .. | .. |
| Class II | .. | 3 | 3 | .. | 3 | 3 | .. | .. | .. |
| Class III | .. | 54 | 54 | .. | 54 | 54 | .. | .. | .. |
| Class IV | .. | 17 | 17 | .. | 17 | 17 | .. | .. | .. |
| Total | .. | 79 | 79 | .. | 79 | 79 | .. | .. | .. |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimate, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (b) Industrial— Relations— (i) Conciliation and Arbitra- tion Machinery | .. | 9,40 | 9,40 | .. | 8,73 | 8,73 | .. | 10,69 | 10,69 | .. | 11,31 | 11,31 |

Prevention and settlements of Industrial disputes has been on the main plank of activities of the Labour Department and action has been taken in the past to strengthen the available financial resources. As regards farms and agricultural labour, the Government have appointed twelve Labour-cum-Conciliation Officers each at District level. In the state. These healthy and peaceful industrial relations are a pre-requisitioned enhanced production in industry and to the industrial progress. To maintain industrial peace and harmonious industrial relations for enhanced production in industry and to the industrial progress. It is essential to have sufficient number of conciliation officers in the field to deal with the day

to day disputes between the workmen and employers. For this, there is a direct need to have a team of experienced and responsible officers under the guidance and control of a very Senior Officer. This team will be charged to maintain and promote industrial peace and to settle all the complaints and demands of labour according to laws, properly and expeditiously. Delay in the removal of grievances of the workmen in fatal industrial peace and too much of litigation leads to bitterness. Government of India have time and again suggested that efforts should be made to settle the grievance of the Labour through settlements and voluntary arbitration and that litigation may be avoided as far as possible. It is evidence from the following table, whereas the number of disputes got withdrawn and settled has also been on the increase. At the same time the work load for adjudications, i. e. Industrial tribunal and Labour courts is considerably on the increase.

Table below shows the comparative over all position of industrial disputes during the year 1978 to 1982.

TABLE II

| Serial No | Particulars of disputes | No. of Industrial disputes | | | |
|-----------|--|----------------------------|-------|-------|-------|
| | | 1979 | 1980 | 1981 | 1982 |
| 1 | Pending under examination at the beginning of the year | 2,466 | 2,939 | 1,466 | 1,900 |
| 2 | No. of disputes raised during the year | 6,802 | 7,830 | 8,072 | 7,995 |
| 3 | Total available for disposal | 9,248 | 9,769 | 9,538 | 9,895 |
| 4 | Settled through conciliation mutually settled | 1,233 | 1,504 | 1,770 | 1,570 |
| 5 | Withdrawn by workers unions | 1,460 | 1,633 | 2,137 | 2,544 |
| 6 | Referred for arbitration | .. | .. | .. | .. |
| 7 | Rejected /filed | 5,730 | 1,093 | 706 | 580 |
| 8 | Referred for adjudication | 4,061 | 4,073 | 3,025 | 3,721 |
| 9 | Pending disposal with conciliation officer at the end of the year | 560 | 457 | 704 | 918 |
| 10 | Under examination/with the department /Government at the end of the year | 1,379 | 1,009 | 1,136 | 562 |

TABLE III

| | 1981-82 | | | 1982-83 | | | 1983-84 | | | |
|-----------|---------|----------|-------|---------|----------|-------|---------|----------|-------|----|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| Class II | .. | .. | 11 | 11 | .. | 19 | 11 | .. | 11 | 11 |
| Class III | .. | .. | 44 | 44 | .. | 44 | 44 | .. | 44 | 44 |
| Class IV | .. | .. | 30 | 30 | .. | 30 | 30 | .. | 30 | 30 |
| | .. | .. | 85 | 85 | .. | 85 | 85 | .. | 85 | 85 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Industrial Relations (2) Enforcement of Labour Laws | .. | 16,96 | 17,69 | .. | 17,42 | 17,42 | .. | 17,54 | 17,54 | .. | 17,71 | 17,71 |
| | 73 | — | 73 | 4,60 | — | 460 | 2,60 | — | 2,60 | 5,50 | — | 5,50 |

Effective enforcement of Labour Laws contributes to the promotion of industrial peace and productivity. The benefits available to the workers under the statutory provision must reach them in normal course without having approach to the employees or the Government authorities. For this purpose it is necessary to maintain an efficient, effective and adequate inspectorate to carry out their duties diligently and conscientiously so as to inspire confidence amongst working class. It is attributable largely to the inadequacy of staff. It is felt that it is better not to have any law than to bring the law into contempt by not enforcing properly. Any half hearted action enforcing law exposes the Government Authorities to un-necessary criticism and breeds lack of confidence.

The Labour Department is responsible for the administration of the following Central and State Governments legislations and the rules made thereunder :—

1. Central Legislation:

- i. The Workmen's Compensation Act, 1923.
- ii. The Trade Unions Act, 1926.
- iii. The Payment of Wages Act, 1936.
- iv. The Employment of Children Act, 1938.
- v. The Industrial Employment (Standing Orders) Act, 1946.
- vi. The Industrial Disputes Act, 1947.
- vii. The Factories Act, 1948.
- viii. The Minimum Wages Act, 1948.
- ix. The Working Journalists (Condition of Service and Miscellaneous Provisions) Act, 1955.
- x. The working Journalists (Fixation of Rates of Wages) Act, 1958.
- xi. The Motor Transport Workers Act, 1961.
- xii. The Maternity Benefit Act, 1961.
- xiii. The payment of Bonus Act, 1965.
- xiv. The Payment of Bonus Act, 1965.
- xv. The Payment of Gratuity Act, 1972.
- xvi. Bonded Labour System (Abolition) Act, 1976.

2. State Legislation :

- i. The Punjab Industrial Housing Act, 1956.
- ii. The Punjab Shops and Commercial Establishment Act, 1958.
- iii. The Punjab Labour Welfare Fund Act, 1965.
- iv. The Punjab Industrial Establishments (National and Festival Holiday and Sick Leave) Act, 1965.

3. State Rules :

1. The Punjab Trade Unions Regulations, 1927.
2. The Punjab Payment of Wages Rules, 1937.
3. The Industrial Employment (Standing Orders) Punjab, rules, 1949.

4. The Punjab Minimum Wages Rules, 1950.
5. The Punjab Factories Rules, 1952.
6. The Punjab Welfare Officer (Recruitment and conditions of service) Rules, 1952.
7. The Industrial Disputes (Punjab Rules), 1958.
8. The Punjab Shops and Commercial Establishments Rules, 1958.
9. The Punjab Industrial Housing Rules, 1956.
10. The Punjab Motor Transport Workers Rules, 1963.
11. Punjab Payment of Wages (Procedure) Rules, 1965.
12. The Punjab Labour Welfare Fund Rules, 1966.
13. The Punjab Industrial Establishment (National and Festival Holiday and casual and Sick Leave) Rules, 1965.
14. The Punjab Maternity Benefit rules, 1967.
15. The Punjab Collections of Statistics (Work Stoppage from industrial and Labour Disputes) Rules, 1972.

Through these legislations the Department serves not only to the industrial labour and employees on shops, but also farm labour and bonded labour. For this purpose, the department is provided with the following staff :—

TABLE IV

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|-----------|---------|----------|-------|---------|----------|-------|---------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Class III | 24 | 95 | 119 | 24 | 95 | 119 | 24 | 95 | 119 |
| Class IV | 12 | 68 | 80 | 12 | 68 | 80 | 12 | 68 | 80 |
| Total | 36 | 163 | 199 | 36 | 163 | 199 | 36 | 163 | 199 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (3) Industrial Tribunal/Labour Courts | .. | 5,64 | 5,64 | .. | 5,99 | 5,99 | — | 6,41 | 6,41 | .. | 6,98 | 6,98 |

For the economic development and for the establishment of socio-economic equality, it is of utmost importance that the provisions in all industrial and economic activities should not be hampered by disharmony of differences between both the parties but these conflicts are to be resolved by industrial adjudication. With this aim in view, the Government of India enacted an Act in this respect. Immediately after independence, the industrial disputes Act, 1947 came into force replacing the previous Act. Section 10 of

the Act lays down that where the appropriate Government is of the opinion that an industrial dispute exists or is apprehended, it may at any time refer the same to The Board, Court of Enquiry, Labour court or Tribunal for adjudication. It has also been laid down that where the dispute relate to any matter specified in the Third Schedule of the Act, and is not likely to effect more than one hundred workmen, the appropriate Government make the reference to the Labour Court and any other matter specified in the Second or Third Schedule to Tribunal. With the growth of Industry in the State of Punjab, the number of Industrial disputes rose tremendously. Education and consciousness of rights among the workmen another other factor leading to rise in the number of industrial disputes. To comply with the above scheme of the Act, the State Government have been empowered by section 7 and 7-A of the Industrial Dispute Act, 1947, to constitute Labour Courts and Industrial Tribunal.

In order to adjudicate the cases referred to by Government under section 10 of the Industrial Disputes Act, 1947, at present one Industrial Tribunal with its headquarters at Chandigarh and four Labour Courts one each at Amritsar, Jullundur, Ludhiana and Patiala have been constituted.

The staff employed under this scheme is given below :—

TABLE V

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|-----------|-----------|-----------|
| Class I | 5 | 5 | 5 |
| Class II | 1 | 1 | 1 |
| Class III | 15 | 15 | 5 |
| Class IV | 15 | 15 | 15 |
| Total | 36 | 36 | 36 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates 1983-84 | | |
|-----------------------------------|-------------------|----------|-------|--------------------------|----------|-------|----------------------------|----------|-------|--------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (c) Working Conditions and safety | | | | | | | | | | | | |
| (i) Factory Inspectorate) | 6 | 9.81 | 15.87 | 40 | 10.95 | 50.95 | 40 | 11.83 | 51.83 | 50 | 12.55 | 62.55 |

The Factories Act, 1948 came into force in the State of Punjab with effect from 1st April, 1949. The main object of the Act is to ensure proper working conditions and safeguard the health of the work-employed in factories. In order to prevent the haphazard growth of factories the Act provides for the approval of plans by the Chief Inspector of Factories before the construction of factory buildings. The other main provisions of the Act relate to hours of work for adult workers young persons and women, annual leave with wage welfare amenities inspection machinery, penalties for offences etc.

The Labour Commissioner is also the Chief Inspector of Factories. In the administration of the Act the Labour Commissioner at headquarter is assisted by Deputy Chief Inspector of Factories. For inspection and field work under the Act, there is provision of inspectors and medical inspectors of Factories. The work of checking factory building plans is entrusted to inspector of factories (Civil Engineer, while the Inspector of Factories (Chemical) are responsible for the supervision and check hazards in chemicals industries. Besides the above referred whole-time inspectorate to Joint Labour Commissioner Two Deputy Labour Commissioner, One Assistant Labour Commissioner, Twenty three Labour-cum-Conciliation Officers, and 42 Labour Inspectors Grade-I, also exercise the powers of Inspectors/Additional inspectors of Factories under the Factories Act, 1948.

Statement showing the number of registered factories/number of workers employed therein from 1979 to 1982.

| Serial No. | No. of Factories/Workers | 1979 | 1980 | 1981 | 1982 |
|------------|--|----------|----------|----------|----------|
| 1 | No. of Factories registered under the Factories Act .. | 6,779 | 7,397 | 7,663 | 8,299 |
| 2 | No. of working of factories .. | 6,624 | 7,053 | 7,316 | N.A. |
| 3 | Total No. for workers employed in working factories.. | 1,88,089 | 2,01,735 | 2,08,732 | 2,30,131 |

The following is the staff position under the scheme :—

TABLE VI

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. 1 | 1 | 1 |
| Class II | .. 25 | 25 | 25 |
| Class III | .. 45 | 45 | 45 |
| Class IV | .. 29 | 29 | 29 |
| Total | .. 100 | 100 | 100 |

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (d) General Labour Welfare | .. | 9,49 | 9,49 | .. | 10,10 | 10,10 | .. | 10,19 | 10,19 | .. | 10,74 | 10,74 |
| (i) Labour welfare | 31 | .. | 31 | .. | .. | .. | 2,05 | .. | 2,05 | .. | .. | .. |

The Department is running 25 Labour Welfare Centres which are located at important industrial places, namely, one each at Jullundur, Kapurthala, Gobindgarh, Bhatinda, Patiala, Rajpura, Phagwara, Batala, Pathankot, Dhariwal, Ludhiana I, II, Malerkotla, Chheharta, Islamabad (Amritsar), Kesri Bagh (Amritsar), Nabha, Moga, Bhatinda, Ferozepur, Dhandari Kalan, Sangrur, Tarn Taran, Faridkot and Goraya.

All these centres impart free training in sewing, knitting and embroidery to the women folk of workers and also provide facilities of out-door and in-door games, reading rooms and libraries. The sewing and embroidery classes have been found popular. On an average 275 women get benefit from it annually. In some of the Labour Welfare Centres functioning in the State, specific diploma for a specific/prescribed course adopted in these classes is being awarded by the Labour-cum-Conciliation Officers in whose jurisdiction the centres is located. The women folk and wards of the workers are free to utilise this facility for such period as it suits them.

The Department has a 16 m.m. projector under the charge of whole-time cinema operator. He is required to tour whole of the State and exhibit film shows to the workers and to provide them with constructive entertainment. He is also required to exhibit film shows where safety seminars are celebrated in the State. The number of films shows exhibited by him in colonies of workers and in large industrial establishments in the State is detailed below :—

TABLE VII

| Year | No. of film shows exhibited | Name of places |
|------|-----------------------------|-----------------|
| 1979 | 50 | 1. Rajpura |
| 1980 | 105 | 2. Ludhiana |
| 1981 | 90 | 3. Patiala |
| 1982 | 90 | 4. Nabha |
| | | 5. Moga |
| | | 6. Jagraon |
| | | 7. Gobindgarh |
| | | 8. Ferozepur |
| | | 9. Khanna |
| | | 10. Faridkot |
| | | 11. Kotkapura |
| | | 12. Jullundur |
| | | 13. Pathankot |
| | | 14. Abohar |
| | | 15. Dalhousie |
| | | 16. Amritsar |
| | | 17. Bhatinda |
| | | 18. Dhariwal |
| | | 19. Phagwara |
| | | 20. Goraya |
| | | 21. Nangal |
| | | 22. Talwara |
| | | 23. Ropar |
| | | 24. Batala |
| | | 25. Kapurthala |
| | | 26. Mukerian |
| | | 27. Kharar |
| | | 28. Bahadurgarh |
| | | 29. Hoshiarpur |
| | | 30. Abohar |

The Department is also running a Holiday Home at Dalhousie to encourage the industrial workers to utilise their earned leave at a hill station to resort for recreation/entertainment during such leisure period. Under the scheme, the workers visiting the centre are only provided furnished rent-free accommodation and utensils for the members of their families. A year-wise table showing the number of industrial workers and their wards visiting the Holiday Home at Dalhousie is given below :—

TABLE VIII

| Year | No. of workers and the number of their families who visited the Holiday Home |
|------|--|
| 1978 | .. 108 |
| 1979 | .. 53 |
| 1980 | .. 58 |
| 1981 | .. 51 |
| 1982 | .. Nil |

The Department has constituted a fund, namely, Punjab Labour Welfare Fund under the Punjab Labour Welfare Fund Act, 1965. The scheme has become effective from the year 1972-73. The fund is constituted by realising fines imposed on workers undischarged wages and bonus of workers from the employers and grant-in-aid from the State Govt. The amount realised from the employees was found to be on the very low side and the implementation of the fund under the Act, was therefore, not feasible prior to 1972-73. Under the Punjab Labour Welfare Fund Act and rules made thereunder the amount which are pending under disbursement to workers due to unclaimed wages and bonus of workers have to be deposited in the fund after the completion of a period of three years more. For the year 1973-74 a sum of Rs. 450 lacs and that during the year 1976-77, 1977-78, 1978-79, 1979-80, 1980-81, 1981-82 and 1982-83 a sum of Rs. 5 lacs respectively has been sanctioned.

The staff employed under this scheme is given below :—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class II | .. 1 | 1 | 1 |
| Class III | .. 29 | 29 | 29 |
| Class IV | .. 40 | 40 | 40 |
| Total | .. 70 | 70 | 70 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (d) (ii) Subsidised Industrial Housing | .. | 1,34 | 1,34 | .. | 1,40 | 1,40 | .. | 1,53 | 1,53 | .. | 1,54 | 1,54 |

The Punjab Industrial Housing Act, 1956 provides for allotment and administration of houses constructed under the Subsidised Industrial Housing Scheme of the Govt. of India. Industrial workers with income not exceeding Rs. 500 per month are eligible for allotment of one room tenements while those with income exceeding Rs. 500 are entitled to the allotment of two rooms tenements.

Under the Punjab Industrial Housing Act, 1956, the Labour-cum-Conciliation Officers have been authorised to allot these houses on the basis of Seniority (First come first served) maintained in their offices. They have also been vested with the powers of realisation of rent, eviction of persons occupying such houses, where necessary and matters incidental thereto. The Executive Engineers, P. W. D., B. & R. are responsible for the maintenance of these houses. The Labour Commissioner is concerned for the allotment of houses, realisation of rent and advice to the Housing Department in the section of sites for houses. The total number of houses constructed by Punjab Government at different stations under the Subsidised Industrial Housing Scheme is given below :—

TABLE X

| Serial No. | Name of Town | No. of tenements | Total No. of houses |
|------------|----------------------|------------------|---------------------|
| 1. | Batala | .. 58+192 | 58+192 |
| 2. | Dhariwal | .. 60 | 60 |
| 3. | Chheharta | .. 120+402+108 | 228+402 |
| 4. | Amritsar | .. 300 | 300 |
| 5. | Bhogpur | .. 100+100 | 200 |
| 6. | Ludhiana | .. 124+126 | 250 |
| 7. | Phagwara | .. 100 | 100 |
| 8. | Gobindgarh | .. 100 | 100 |
| 9. | Rajpura | .. 40 | 40 |
| 10. | Patiala | .. .. | .. |
| 11. | Dhandari Kalan | .. 528 | 528 |
| 12. | S.A.S. Nagar | .. 246 | 246 |
| 13. | Batala-Kadian Road | .. 72 | 72 |
| 14. | Gara Road, Jullundur | .. 180 | 180 |
| 15. | Dugri Road, Ludhiana | .. 210 | 210 |
| Total | | .. 3,166 | 3,166 |

Cost of 3,166 houses constructed, the State Government under the Subsidised Industrial Housing Scheme (excluding 50 houses, by the erstwhile State of Pepsu under its Five-Year Development Plan (1952-57) 731 houses have been given on hire-purchase basis to the eligible industrial workers till now. The allotment of houses on hire-purchase basis was upto 31st July, 1976. The remaining 1,799 houses are under occupation of industrial workers on rent basis and the possession of 636 houses has yet not been taken over through the Housing Department. Punjab have been allotted to the workers

Staff strength employed under the scheme is given below :—

TABLE XI

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class III .. | 11 | 11 | 11 |
| Class IV .. | 13 | 13 | 13 |
| Total .. | 24 | 24 | 24 |

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (c) Research and Statistics .. | | 2,13 | 2,13 | | 2,41 | 2,41 | | 2,61 | 2,61 | | 2,81 | 2,81 |

Since the beginning of planning era in the country, Labour Statistics have assumed added significance in the context of growing interest amongst the employees, Trade Union's Labour Administration, Research Personnel, Commissions/Committees/Conference, International Labour Organisation, etc. to study and tackle them more effectively.

Most of the Labour Statistics are the product of Labour Laws and have to be maintained as a result of implementation of various Labour Laws. The various statistics required to be maintained/complied under various Labour Laws relate to Industrial unrest, strikes, lock-outs, mandays lost, production lost, wage lost, coverage and employment in various sectors, industrial disputes wages and earnings, social security working conditions, welfare amenities, industrial accidents, functioning of Trade Unions, Works Committees, etc. The performance tables in respect of the above statistical data collected by the Department are given in annexure A.

A statistical cell has been created in 1962 in the office of Labour Commissioner, Punjab. The sole object of collecting statistical data and doing research in labour field is the formulation of labour policies. The section not only checks and evaluates the functioning of the Department by analysing statistics, but also provides statistical and other information for the formulation of future labour policies of the State and Centre.

TABLE XII

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|---------|---------|---------|
| Class II .. | 1 | 1 | 1 |
| Class III .. | 17 | 17 | 17 |
| Class IV .. | 2 | 2 | 2 |
| Total .. | 20 | 20 | 20 |

ANNEXURE—A

| Serial No. | Name of item | Period | | | |
|------------|-----------------------------------|--|-------------|-------------|-----------------|
| | | 1979 | 1980 | 1981 | 1982 |
| 1 | No. of Industrial disputes raised | 110 | 89 | 90 | 80(p) |
| 2 | No. of strikes occurred | 106 (including 4 cases of strikes followed by lockouts) | 83 | 88 | 77(p) |
| 3 | Total No. of mandays lost | 3,57,690 | 2,91,477 | 2,45,024 | 8,29,671(p) |
| 4 | No. of lockouts | 4 | 6 | 2 | 3(p) |
| 5 | Production lost | 5,49,56,486 | 7,35,04,250 | 5,19,57,015 | 17,14,53,459(p) |
| 6 | Wages lost | 42,18,400 | 37,98,572 | 45,46,035 | NA |
| 7 | Industrial Accidents | 3,218 | 3,131 | 3,432 | NA |

BUDGET ESTIMATES OF PUNJAB LABOUR WELFARE BOARD 1982-83

| Serial No. | Receipt/Particulars | Provision for 1981-82 | Revised Estimates, 1981-82 | Budget Estimates, 1982-83 | Particulars of scheme | Provision for 1981-82 | Revised Estimates, 1981-82 | Budget Estimates, 1982-83 |
|------------|----------------------|-----------------------|----------------------------|---------------------------|--|-----------------------|----------------------------|---------------------------|
| | | | | | | | | |
| 2 | Current A/c | 14,65,708 | 15,02,643 | 12,00,000 | 1. Admn. charges | 3,26,000 | 2,50,000 | 2,00,000 |
| 3 | Fixed deposits F.D. | .. | .. | .. | 2. Grant of Honoraria | 10,000 | 10,000 | 10,000 |
| 4 | Interest on F.D. | 1,10,000 | 1,10,000 | 1,10,000 | | | | |
| 5 | Unpaid accumulations | 3,90,000 | 3,90,000 | 8,00,000 | 3. Payment of unpaid accumulations | 10,000 | 10,000 | 10,000 |
| 6 | Grant-in-aid | 15,00,000 | 5,00,000 | 10,00,000 | 4. Construction of Model Welfare Centres | 5,00,000 | 5,00,000 | 5,00,000 |
| 7 | Recovery of loans | 2,80,000 | 2,80,000 | 5,00,000 | | | | |
| | | 37,45,708 | 27,82,643 | 36,10,000 | 5. Grant of stipends | 4,00,000 | 4,00,000 | 4,47,000 |
| | | | | | 6. Setting up of Balwaries | 4,30,000 | 4,30,000 | 4,28,000 |
| | | | | | 7. Maintenance of van for film shows | 50,000 | 50,000 | 50,000 |

| S. No. | Receipts/ Particulars | Provision for 1981-82 | Revised Estimates, 1981-82 | Budget Estimates, 1982-83 | Particulars of Scheme | Provision for 1981-82 | Revised Estimates, 1981-82 | Budget Estimates, 1982-83 |
|--------|--------------------------|-----------------------------|----------------------------------|---------------------------------|--|-----------------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs | | Rs | Rs | Rs |
| | | | | | 8. Reading rooms/ libraries in wel- fare centres | 7,000 | 7,000 | 7,000 |
| | | | | | 9. Grant of subsidy to Industrial Workers for the purchase of dentures/ spectacles | 10,000 | 10,000 | 10,000 |
| | | | | | 10. Grant of sub- sidy to Industrial Workers for pur- chase for wearing and instrument | 5,000 | 5,000 | 5,000 |
| | | | | | 11. Study tour for Industrial Workers | 50,000 | 50,000 | 50,000 |
| | | | | | 12. Grant of loans for the bicycle for Industrial Workers | 4,00,000 | 4,00,000 | 3,08,000 |
| | | | | | 13. Grant of loan for purchase of sewing machine | 1,00,000 | 1,00,000 | 1,00,000 |
| | | | | | 14. Grant of loan for purchase of ceiling/table fans | 1,00,000 | 1,00,000 | 1,00,000 |
| | | | | | 15. Grant of loans for purchase of knitting machines | 50,000 | 50,000 | 30,000 |
| | | | | | Total Expenditure | 24,48,000 | 22,52,000 | 25,05,000 |
| | | | | | Deficit/Closing balance | (—)1,68,000 | (—)9,72,000 | (—)7,95,000 |
| | | | | | Total | 22,80,000 | 12,80,000 | 17,10,000 |

RESEARCH AND MEDICAL EDUCATION DEPARTMENT

I—INTRODUCTION

The Directorate of Research and Medical Education, Punjab, was established in 1973, so as to cater to the needs of developing more specialised services in the teaching hospital and also for tackling the problems connected with the administration of increasing—complexities in the said teaching Hospitals. At present there are five Medical Colleges in the State (three Government and two Private), one each at Amritsar, Patiala, Faridkot and two at Ludhiana. The teaching hospitals attached to Government Medical Colleges, Amritsar include Shri Guru Teg Bahadur Hospital, Amritsar, Ram Lal Eye Hospital, Amritsar and T.B. Hospital Amritsar, Rajindra Hospital, Patiala and T.B. Hospital, Patiala are attached with Medical College, Patiala and Civil Hospital, Faridkot, Kotkapura and Muktsar are attached with Shri Guru Gobind Singh Medical College, Faridkot. The two Hospitals at Ludhiana namely, Daya Nand Hospital and Brown Memorial Hospital are attached to Daya Nand Medical College and Christian Medical College, Ludhiana, respectively. To strengthen the Medical Education, the Government has attached three blocks with Primary Health Centres with each State Medical College under the Reorientation Scheme. The Government Dental College and Hospital, Amritsar and Dental Wing of Medical College, Patiala, serve the Dental Education and specialized services in the State. Besides catering to the needs of training of Para Medical Personnel, such as Pharmacists, Radiographers, Laboratory Technicians in the attached Hospitals, the said colleges also accommodate the schools for training of Nurses.

Another feature of the expenditure has been the considerable grants to the P.G.I., Chandigarh, the Christian Medical College and Daya Nand Medical College, Ludhiana.

II.—FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------------|----------------|---------------------------|----------------|----------------|----------------------------|----------------|-----------------|---------------------------|----------------|-----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| A—Programme/ Activity Classification— | | | | | | | | | | | | |
| (a) Direction and Administration .. | 74 | .. | 74 | 1,26 | .. | 1,26 | 1,38 | .. | 1,38 | 1,50 | .. | 1,50 |
| (b) Medical Relief .. | 73,16 | 3,57,26 | 4,30,42 | 51,74 | 3,25,73 | 3,77,47 | 49,66 | 3,75,81 | 4,25,47 | 64,50 | 371,39 | 4,35,89 |
| (c) Education | 71,24 | 2,77,55 | 3,48,79 | 86,25 | 2,84,43 | 3,70,68 | 1,03,70 | 3,54,77 | 4,58,47 | 1,39,75 | 3,27,86 | 4,67,61 |
| (d) Training | 44 | 26,57 | 27,01 | 3,00 | 23,90 | 26,90 | 2,00 | 14,52 | 16,52 | 4,00 | 20,76 | 24,76 |
| (e) Research | .. | .. | .. | 2,00 | .. | 2,00 | .. | .. | .. | 2,00 | .. | 2,00 |
| (f) Construction .. | 1,27,31 | .. | 1,27,31 | 39,00 | .. | 39,00 | 1,80,00 | .. | 1,80,00 | 2,18,00 | .. | 2,18,00 |
| Total—A .. | 2,72,89 | 6,61,38 | 9,34,27 | 1,83,25 | 6,34,06 | 8,17,39 | 3,36,74 | 7,45,10 | 10,81,84 | 4,29,75 | 7,20,20 | 11,49,76 |
| B—Objectwise Classifications— | | | | | | | | | | | | |
| (1) Salaries .. | 48,07 | 4,15,35 | 4,63,42 | 60,02 | 3,76,32 | 4,36,34 | 66,22 | 4,93,18 | 5,59,40 | 95,75 | 4,47,48 | 5,43,23 |
| (2) T.A. .. | 64 | 1,18 | 1,82 | 1,22 | 1,46 | 2,68 | 1,02 | 96 | 1,98 | 1,62 | 1,55 | 3,17 |
| (3) Office Expenses .. | 24,87 | 19,01 | 43,88 | 18,40 | 9,98 | 28,38 | 18,87 | 15,56 | 34,43 | 25,17 | 15,68 | 40,85 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------------|----------------|---------------------------|----------------|----------------|----------------------------|----------------|-----------------|---------------------------|----------------|-----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (4) R.R.T. ... | 52 | 71 | 1,23 | 1,00 | 1,16 | 2,16 | 10 | 93 | 1,03 | 40 | 1,19 | 1,59 |
| (5) Scholarship ... | 2,91 | 20,03 | 22,94 | 4,90 | 34,06 | 38,96 | 4,90 | 29,42 | 34,32 | 3,50 | 35,34 | 38,84 |
| (6) Machinery Equipment | 43,08 | 20,87 | 63,95 | 31,90 | 9,99 | 41,89 | 41,64 | 9,90 | 51,54 | 34,30 | 12,25 | 46,55 |
| (7) Material Supply ... | 7,15 | 20,04 | 27,19 | 4,93 | 17,55 | 22,48 | 6,30 | 19,90 | 26,20 | 25,31 | 18,74 | 44,05 |
| (8) Motor Vehicles ... | 10 | 1,38 | 1,48 | 2,00 | 1,64 | 3,64 | 2,10 | 1,51 | 3,61 | 7,05 | 1,82 | 8,87 |
| (9) Maintenance ... | .. | 4,62 | 4,62 | .. | 1,23 | 1,23 | .. | 1,23 | 1,23 | .. | 1,29 | 1,29 |
| (10) Medicine | 7,23 | 76,00 | 83,23 | 10,55 | 91,44 | 1,01,99 | 9,42 | 91,41 | 1,00,83 | 14,80 | 93,37 | 1,08,17 |
| (11) Dietary Charges ... | .. | 13,51 | 13,51 | .. | 25,80 | 25,80 | .. | 22,00 | 22,00 | .. | 26,60 | 26,60 |
| (12) Beddings & Clothing | 49 | 8,31 | 8,80 | 85 | 7,60 | 8,45 | 87 | 7,60 | 8,47 | .. | 9,07 | 9,07 |
| (13) Other Charges ... | 10,51 | 18,56 | 29,07 | 5,47 | 5,16 | 10,63 | 4,27 | 1,94 | 6,21 | 20 | 4,18 | 4,38 |
| (14) Grant-in-aid ... | .. | 41,73 | 41,73 | 2,00 | 39,52 | 41,52 | .. | 39,56 | 39,56 | 2,00 | 39,58 | 41,58 |
| (15) Buildings | 1,27,31 | .. | 1,27,31 | 39,00 | .. | 39,00 | 1,80,00 | .. | 1,80,00 | 2,18,00 | .. | 2,18,00 |
| Subsidy ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 30 |
| Liveries ... | .. | 07 | 07 | 37 | 3,49 | 3,86 | 38 | 3,39 | 3,77 | 59 | 4,59 | 5,18 |
| Medical Reimbursement ... | 01 | .. | 01 | 64 | 7,66 | 8,30 | 65 | 6,60 | 7,25 | 1,06 | 6,95 | 8,01 |
| Advertisement | .. | 01 | 01 | .. | .. | .. | .. | 01 | 01 | .. | 03 | 03 |
| Total—B | 2,72,89 | 6,61,38 | 9,34,27 | 1,83,25 | 6,34,06 | 8,17,31 | 3,36,74 | 7,45,10 | 10,81,84 | 4,29,75 | 7,20,01 | 11,49,76 |
| C—Source of Financing— | | | | | | | | | | | | |
| Demand No. 18 | | | | | | | | | | | | |
| Major Head 280—Medical | 1,45,58 | 6,61,38 | 8,06,96 | 1,44,25 | 6,34,06 | 7,78,31 | 1,56,74 | 7,45,10 | 9,01,84 | 2,11,75 | 7,20,01 | 9,31,76 |
| Demand No. 40 | | | | | | | | | | | | |
| Major Head 480—Capital Outlay on Medical | 1,27,31 | .. | 1,27,31 | 39,00 | .. | 39,00 | 1,80,00 | .. | 1,80,00 | 2,18,00 | .. | 2,18,00 |
| Total—C | 2,72,89 | 6,61,38 | 9,34,27 | 1,83,25 | 6,34,06 | 8,17,31 | 3,36,74 | 7,45,10 | 10,81,84 | 4,29,75 | 7,20,01 | 11,49,76 |

III—EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------------|-------------------|----------|-------|-----------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (a) Direction and Administration .. | 74 | .. | 74 | 1,25 | .. | 1,25 | 1,38 | .. | 1,38 | 1,50 | .. | 1,50 |

The programme comprises the strengthening of the office of the Director, Research and Medical Education, Punjab, who heads Directorate and is assisted by the Deputy Director, Medical Education, P.C.M.S.(I). In addition to this one post of S.M.O. from Civil Hospital, Faridkot has also been temporarily transferred to this office as O.S.D. PCMS (II) and other Ministerial staff.

The Director exercises all financial, administrative powers over these institution in capacity of Head of Department. He is the Technical Advisor to the State Government on technical methods of Institutions.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------|-------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (b) Medical Relief .. | 73,16 | 3,57,26 | 4,30,42 | 51,74 | 3,25,73 | 3,77,47 | 49,66 | 3,75,81 | 4,25,47 | 64,50 | 3,71,39 | 4,35,89 |

The programme comprises the Medical relief being offered in Shri Guru Teg Bahadur Hospital Amritsar and Rajindra Hospital, Patiala. These hospitals are attached with the State Medical College and are well-equipped. These hospitals provide facilities for General Medical and Surgical Maternity and Paediatric services etc. These Hospitals have been provided with most modern and latest equipments to attend the patients for specialised treatment like X-Ray, Blood Transfusion, Plastic Surgery, Paediatric Surgery, Urinal Surgery. The E.C.G. facilities also exist in these Hospitals. In Rajindra Hospital, Patiala, an Artificial Limbfitting Centre with the assistance of the Artificial Limb Manufacturing Corporation has been set up which render services to indigent physically handicapped patients by way of providing artificial limbs. These Hospitals continue to provide routine and specialised services apart from meeting training need of the students Under-graduates Post-graduates and Paramedical and also provide material for research.

The following table shows the special treatment given in these Hospitals during the years :—

TABLE—I

| | Shri Guru Tegh Bahadur Hospital, Amritsar | | | Rajindra Hospital, Patiala | | | Guru Gobind Singh Medical College, Faridkot | | |
|----------------------------------|--|---------|---------|----------------------------|---------|---------|--|---------|------------------------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| Ear, Nose and Throat | | | | | | | | | |
| No. of Units | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | Expected in 1983-84 |
| No. of Beds | 42 | 50 | 55 | 28 | 28 | 28 | 7 | 7 | |
| No. of Surgery Operations | 1,075 | 1,200 | 1,300 | 2,475 | 2,500 | 3,000 | 216 | 112 | |
| Paediatrics | | | | | | | | | |
| No. of Units | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | |
| No. of Beds | 85 | 100 | 110 | 102 | 102 | 102 | 15 | 15 | |
| No. of patients admitted/treated | 11,422 | 12,500 | 13,000 | 3,911 | 4,500 | 5,000 | 560 | 401 | |
| Plastic Surgery | | | | | | | | | |
| No. of Units | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| No. of Beds | 16 | 18 | 20 | 46 | 46 | 46 | | | |
| No. of Surgery Operations | 438 | 500 | 600 | 655 | 750 | 800 | | | |
| Urology | | | | | | | | | |
| No. of Units | Not existing in the Hospital | | | 1 | 1 | 1 | | | |
| No. of Beds | | | | 20 | 20 | 20 | | | |
| No. of Surgery Operations | | | | 550 | 600 | 650 | | | |
| Castroentrology | | | | | | | | | |
| No. of Units | | | | | | | | | |
| No. of Beds | | | | | | | | | |
| No. of Surgery Operations | | | | | | | | | |
| Paediatric Surgery | | | | | | | | | |
| No. of Units | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| No. of Beds | No specific beds attached to this unit | | | | | | | | |
| No. of Surgery Operations | 406 | 450 | 500 | 265 | 270 | 290 | | | |
| Ophthalmology Surgery | | | | | | | | | |
| No. of Units | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | Expected in 1983-84 |
| No. of Beds | 88 | 105 | 115 | 68 | 68 | 68 | 20 | 20 | |
| No. of Surgery Operations | 3,054 | 3,500 | 3,500 | 6,843 | 7,000 | 8,000 | 671 | 963 | |

The table below indicates the select work load in these Hospitals :—

TABLE—II

| | Shri Guru Tegh Bahadur Hospital, Amritsar | | | Rajindra Hospital, Patiala | | | Guru Gobind Singh Medical College, Faridkot | | |
|---|--|-----------|-----------|----------------------------|-----------|-----------|--|----------------|--------------------------------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. No. of Beds .. | 951 | 1,030 | 1,080 | 907 | 907 | 907 | 148 | 148 | Expected work in 1983-84 |
| 2. No. of Patients admitted | 56,765 | 60,000 | 65,000 | 40,879 | 45,000 | 50,000 | 6,881 | 5,032 | |
| 3. No. of patients discharged | 54,420 | 56,000 | 60,000 | 40,000 | 45,000 | 50,000 | 6,881 | 5,032 | |
| 4. No. of out-patients day care in Hospitals (adults) (in lacs) | .. | .. | .. | 300 days | 300 days | 300 days | .. | .. | |
| 5. No. of newly born children | 2,710 | 3,000 | 3,200 | 2,438 | 2,600 | 2,700 | 855 | 568 | |
| 6. Average percent- age of beds occupied | 149.03 | 130.03 | 125.00 | 111.2 | 111 | 112 | 76% | 88% | |
| 7. Average length of stay (days) | 9.5 | 9.5 | 9.5 | 9 days | 9 days | 9 days | 3.4 | 3.4 | |
| 8. O.P.D. attendance (New) (In lacs) | 289,640 | 300,000 | 310,000 | 309,090 | 400,000 | 420,000 | 68,013 | 55,212 | |
| 9. O.P.D. attendance (Old) | 173,562 | 190,000 | 200,000 | 92,310 | 130,000 | 150,000 | 46,318 | 23,530 | |
| 10. No. of Operations (Major) | 13,018 | 15,000 | 16,000 | 14,398 | 18,000 | 20,000 | 1,372 | 2,210 | Upto 9/82 |
| 11. No. of Operations (Minor) | 30,721 | 35,000 | 38,000 | 17,320 | 20,000 | 22,000 | 908 | 303 | .. |
| 12. No. of Emergency Admissions | 31,249 | 35,000 | 40,000 | 3,491 | 3,800 | 4,000 | 3,138 | 1,281 | |
| 13. No. of Laboratory Tests | 102,864 | 110,000 | 120,000 | 95,000 | 100,000 | 120,000 | 32,548 | 22,472 | |
| 14. No. of X-Rays .. | 42,883 | 45,000 | 50,000 | 52,883 | 55,000 | 60,000 | 6,623 2,940 | 5,225 1,941 | Screening |
| 15. Electricity and Water Charges (Rs.) | 610,000 | 675,000 | 800,000 | 959,368 | 1,059,368 | 1,160,000 | 60,030 | 77,960 | |
| 16. Medical Store consumed (Rs.) | 3,800,000 | 4,385,000 | 6,000,000 | 2,883,560 | 3,500,000 | 4,000,000 | 300,768 | 420,000 | 1,000,000 estimated |

The table below indicates the staff position and receipt in these hospitals:—

TABLE—III

| | Shri Guru Teg Bahadur Hospital, Amritsar | | | Rajindra Hospital, Patiala | | | Guru Gobind Singh Medical College, Faridkot | | |
|---|---|---------|---------|----------------------------|---------|---------|--|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. Medical Officer (Class I & II) .. | 2 | 2 | 2 | 43 | 43 | 43 | 43 | 43 | 43 |
| 2. House Surgeons | .. | .. | .. | 117 | 120 | 150 | 40 | 40 | 40 |
| 3. Nurses .. | 394 | 394 | 394 | 284 | 360 | 360 | 105 | 105 | 95 |

| | Shri Guru Teg Bahadur Hospital, Amritsar | | | Rajindra Hospital, Patiala | | | Guru Gobind Singh Medical College, Faridkot | | |
|---|---|----------|----------|----------------------------|----------|----------|--|----------|----------|
| | 1981-82 | 1982-83 | 1983-84 | 1982-83 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 4. Laboratory Technicians including Lab. Asstt. | 21 | 21 | 21 | 4 | 4 | 4 | 32 | 32 | 32 |
| 5. X-Ray Staff | 8 | 8 | 8 | 4 | 4 | 4 | 8 | 8 | 8 |
| 6. Technical Staff | 92 | 92 | 92 | 12 | 14 | 14 | 12 | 12 | 12 |
| 7. Ministerial Staff | 33 | 33 | 33 | 30 | 30 | 30 | 43 | 43 | 43 |
| 8. Class IV Staff (Receipts) | 578 | 578 | 578 | 590 | 590 | 600 | 272 | 272 | 272 |
| 9. Hospital Fee (Rs) | 4,75,000 | 5,35,000 | 6,00,000 | 6,27,187 | 8,00,000 | 8,50,000 | 84,254 | 1,11,666 | 1,41,000 |
| 10. Other receipts | 30,000 | 60,000 | 65,000 | 1,88,334 | 2,00,000 | 2,50,000 | 67,023 | 74,044 | 25,000 |

The programme comprises the medical relief given to the T. B. patients and to control T. B. This programme is being implemented by providing treatment with the following methods in the T.B Centre, Amritsar/Patiala :—

- (i) Provision of treatment to infectious patients of T.B. on priority basis with modern effective Anti-T.B. Drugs specially I.N., C.P.A.S. and S.M.
- (ii) Immunisation by B.C.G. Vaccination given to persons below 20 years age without test.

The Table IV indicates number of beds in each Institution and patients treated therein :—

TABLE-IV

| | T.B. Centre, Amritsar | | | T.B. Centre, Patiala | | |
|-----------------------------------|-----------------------|---------|---------|----------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. No. of Beds | 255 | 255 | 255 | 161 | 161 | 161 |
| 2. No. of Patients treated indoor | 2,402 | 2,079 | .. | 2,525 | 3,200 | 3,400 |
| 3. Out-door (New Patients) | 18,893 | 15,732 | .. | 36,579 | 40,000 | 43,000 |
| 4. Out-door (Old patients) | 17,896 | 12,813 | .. | 44,121 | 50,000 | 54,000 |

As Daya Nand Medical College and Hospital and Christian Medical College and Hospital both at Ludhiana, render medical services to the public visiting these Hospitals, the State Government contributes in the form of grant-in-aid at the rate of Rs. 5,000 per annum per bed for 100 beds. These institutions are maintaining more than 500 beds each. Similarly, contribution to the tune of Rs. 6,96,000 is also paid to the P.G.I., Chandigarh, which maintains 120 beds for the patients coming from Punjab Area.

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (c) Education | 71,24 | 2,77,55 | 3,48,79 | 86,25 | 2,84,43 | 3,70,68 | 1,03,70 | 3,54,77 | 4,58,47 | 1,39,75 | 3,27,86 | 4,67,61 |

The State owns three Medical Colleges, one at Amritsar, the second at Patiala and the third at Faridkot. The Medical College, Amritsar is affiliated to the Guru Nanak Dev University, Amritsar and the Medical College, Patiala and Faridkot are affiliated to the Punjabi University, Patiala.

Both these colleges are functioning under the direct control of their respective Principals. The colleges conduct under-graduate courses (M.B.B.S.). They also conduct ancillary, para-medical courses such as Medical Laboratory Technician courses, Radiographers and Pharmacists. Post-graduate courses in almost all clinical and non-clinical subjects are also being conducted.

There is no change in the number of seats for various courses in the Medical Colleges for criteria for eligibility for admission to the various courses. To ensure admission of the genuine Scheduled Caste candidates and Backward Classes candidates against the seats reserved for them, prior verification of the caste etc. through the Department of Social Welfare was continued. The M.B.B.S. admission is held jointly at each of the Medical Colleges. However, for other courses including post-graduate course the admission continue to be held by the concerned institution separately.

The following Table will show the intake capacity of courses at these Medical Colleges :—

TABLE—V

| | Medical College, Amritsar | | | Medical College, Patiala | | | G.G.S. Medical College, Faridkot | | |
|---------------------------|---------------------------|---------|---------|--------------------------|---------|---------|----------------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| M.B.B.S. .. | 150 | 150 | 150 | 150 | 150 | 150 | 60 | 60 | 60 |
| Pharmacists .. | 80 | 80 | 80 | 40 | 40 | 40 | .. | .. | .. |
| Radiographers .. | 10 | 10 | 10 | 6 | 6 | 6 | .. | .. | .. |
| Laboratory Technicians .. | 20 | 20 | 20 | 20 | 20 | 20 | .. | .. | .. |
| Ophthalmic Assistants | 15 | 15 | 15 | 30 | 30 | 30 | .. | .. | .. |

The following table shows the number of students on rolls for each course in the Medical Colleges :—

TABLE—VI

| | Medical College, Amritsar | | | Medical College, Patiala | | | Guru Gobind Singh M.C., Faridkot | | |
|---------------------|---------------------------|---------|---------------------------------------|--------------------------|---------|---------|----------------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| M.B.B.S. .. | 774 | 806 | 806 Admission yet to be made | 780 | 756 | 760 | 228 | 228 | .. |
| M.D./M.S. .. | 139 | 143 | 147 | 148 | 155 | 150 | .. | .. | .. |
| D.A. .. | 4 | 8 | 11 | 3 | 5 | 6 | .. | .. | .. |
| D.C.H. .. | 12 | 10 | 12 | 11 | 11 | 12 | .. | .. | .. |
| D. Ortho. .. | .. | 4 | 4 | 5 | 6 | 12 | .. | .. | .. |
| D.C.M. .. | .. | .. | .. | 11 | 11 | 12 | .. | .. | .. |
| D.O.M.S. .. | 5 | 10 | 12 | 6 | 8 | 12 | .. | .. | .. |
| D.T.C.D. .. | .. | 8 | 8 | 8 | 8 | 12 | .. | .. | .. |
| Diploma in Pharmacy | 80 | 80 | 90 | 139 | 109 | 110 | .. | .. | .. |

| | Medical College, Amritsar | | | Medical College, Patiala | | | G.G.S. Medical College, Faridkot | | |
|--|---------------------------|---------|---------|--------------------------|---------|---------|----------------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| Diploma in Radiographer .. | 15 | 20 | 20 | 11 | 11 | 16 | .. | .. | .. |
| B.Sc. (Anatomy, Physiology, Biochemistry) .. | 11 | 14 | 15 | .. | .. | .. | .. | .. | .. |
| Diploma in Laboratory Technician | 14 | 12 | 14 | 18 | 18 | 30 | .. | .. | .. |
| D.C.O. .. | 12 | 12 | 12 | .. | .. | .. | .. | .. | .. |
| D.C.P. .. | .. | 5 | 5 | .. | .. | .. | .. | .. | .. |
| M.Sc. (Anatomy) | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| M.Sc. (Biochemistry) | 10 | 10 | 10 | .. | .. | .. | .. | .. | .. |
| Ophthalmic Assistant | 15 | 9 | 15 | 22 | 41 | 34 | .. | .. | .. |
| D.C.O. .. | 12 | 12 | 12 | 11 | 11 | 12 | .. | .. | .. |
| D.L.O. .. | .. | 5 | 5 | 2 | 2 | 12 | .. | .. | .. |
| D.D.V.D. .. | .. | .. | .. | 2 | 3 | 12 | .. | .. | .. |

The following Table shows the number of students on rolls for each course in the Medical Colleges :—

TABLE—VII

| | Medical College, Amritsar | | | Medical College, Patiala | | | G.G.S., Medical College, Faridkot | | |
|--------------------|---------------------------|---------|---------|--------------------------|---------|---------|-----------------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| Receipts of Fee .. | 4,21 | 3,13 | 5,48 | 4,93 | 5,50 | 5,50 | .. | .. | .. |

The following Table shows the receipt on account of fees, etc. from Medical Colleges :—

TABLE—VIII

| | | | | |
|--|----|-------|-------|-------|
| (a) Stipends granted to Socially and Economically Backward Classes Post-Matric Scholarships to Scheduled Castes/Backward Classes, etc. | .. | 6.50 | 4.75 | 5.75 |
| (b) Financial assistance to poor and brilliant students | .. | 1.17 | 1.18 | 2.00 |
| (c) National Merit Scholarship | .. | 1.23 | 33 | 35 |
| (d) Merit Scholarships | .. | 32 | 31 | 33 |
| (e) Post-graduate Scholarships | .. | 1.82 | 1.72 | 1.75 |
| (f) Remuneration to interns | .. | 16.10 | 15.65 | 18.92 |
| (g) Pharmacy Class | .. | 70 | 1.45 | 2.15 |
| (h) Laboratory Technicians Class | .. | 22 | 23 | 27 |
| (i) Radiographers Class | .. | 16 | 22 | 29 |

The following Table shows the staff position in each of the Medical Colleges :—

TABLE—IX

| | Medical College, Amritsar | | | Medical College, Patiala | | |
|---|---------------------------|---------|---------|--------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. Professors .. | 48 | 50 | 51 | 47 | 47 | 47 |
| 2. Associate Professors .. | .. | .. | .. | 6 | 6 | 6 |
| 3. Assistant Professors .. | 48 | 50 | 51 | 53 | 54 | 54 |
| 4. Senior Lecturers/Lecturers .. | 60 | 62 | 63 | 68 | 68 | 68 |
| 5. Registrars/Demonstrators/Other Gazetted Staff .. | 122 | 126 | 127 | 158 | 158 | 158 |
| 6. Para-Medical Staff .. | 170 | 175 | 179 | 118 | 118 | 118 |
| 7. Ministerial Staff .. | 80 | 82 | 84 | 59 | 59 | 59 |
| 8. Class IV Staff .. | 145 | 146 | 147 | 129 | 129 | 129 |

TABLE—X

| | Dental College, Amritsar | | | Dental College, Patiala | | |
|----------------------------------|--------------------------|---------|---------|-------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. Annual admission of B.D.S. .. | 30 | 30 | 30 | 20 | 20 | 20 |
| 2. Students on Roll (B.D.S.) .. | 107 | 107 | 107 | 75 | 80 | 80 |
| 3. M.D.S. .. | 6 | 5 | 5 | .. | .. | .. |
| 4. Dental Mechanic .. | 4 | 4 | 4 | .. | .. | .. |
| 5. Dental Hygienist .. | 4 | 4 | 4 | .. | .. | .. |

| STAFF POSITION | Dental College, Amritsar | | | Dental College, Patiala | | |
|----------------------------|--------------------------|---------|---------|-------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. Professors .. | 5 | 5 | 5 | 4 | .. | 1 |
| 2. Assistant Professors .. | 2 | 2 | 2 | 4 | 1 | 1 |
| 3. Lecturers .. | 9 | 9 | 9 | 5 | 2 | 2 |
| 4. Demonstrators .. | 8 | 9 | 9 | 5 | 2 | 2 |
| 5. Other Gazetted Staff .. | 1 | 1 | 1 | 6 | 6 | 6 |
| 6. Para-Medical Staff .. | 30 | 30 | 30 | 13 | 8 | 10 |
| 7. Ministerial Staff .. | 16 | 12 | 12 | 9 | 3 | 2 |
| 8. Class IV Staff .. | 41 | 41 | 41 | 8 | 2 | 4 |

The following Table shows the expenditure on account of stipends :—

TABLE—XI

| | Dental College, Amritsar | | | Dental College, Patiala | | |
|--|--------------------------|---------|---------------------------|-------------------------|--------------------------|--------------------------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| 1. Stipends granted to Socially and Economically Backward Classes .. | .. | .. | .. | .. | 5,000 | 9,000 |
| 2. Financial Assistance to Poor Brilliant Students .. | 6,600 | 4,000 | 10,000 (Approximately) | 6,000 | 5,000 (Approximately) | 8,000 (Approximately) |
| 3. National Merit and Scholarships | .. | .. | .. | .. | .. | .. |
| 4. Merit Scholarships | .. | .. | .. | .. | .. | .. |
| 5. Post-graduate Scholarship | 1,080 | 1,080 | 1,080 | .. | .. | .. |

The programme comprises the payment of grant-in-aid to Daya Nand Medical College/Christian Medical College, Ludhiana, for the training of M.B.B.S. Punjabi students. The grant-in-aid is given at the rate of Rs. 6,00,000 per annum to Punjabi students of these colleges:—

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (d) Training | 44 | 26,57 | 27,01 | 3,00 | 23,90 | 26,90 | 2,00 | 14,52 | 16,52 | 4,00 | 20,76 | 24,76 |

Training of Nurses comes under this programme only whereas the training of Pharmacists, Radiographers and Laboratory Technicians is conducted under the direct control of the respective Principal of the Medical College. The Programme of Nurses is directly supervised by the Medical Superintendents of the Hospitals who are assisted by the teaching of nursing.

The Table below indicates activities of the Training Programme in the Hospitals:—

TABLE—XII

(Rs. in thousands)

| | Shri Guru Teg Bahadur Hospital, Amritsar | | | Rajindra Hospital, Patiala | | | G.G.S. Medical College, Faridkot | | |
|--|---|---------|---------|----------------------------|---------|---------|-------------------------------------|---------|---------|
| | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 | 1981-82 | 1982-83 | 1983-84 |
| Seats for Nursing Training .. | 171 | 171 | 171 | 43 | 43 | 43 | 30 | .. | .. |
| No. of Nurse Students qualified .. | 78 | 78 | 78 | 9 | 10 | 20 | 28 | .. | .. |
| The amount of Stipends/ Scholarships to Student Nurses (Rs. in lacs) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Salaries to Teaching Staff .. | 1.80 | 2.15 | 2.50 | .. | .. | .. | .. | .. | .. |
| Stipend to Nursing Students .. | 2.10 | 2.20 | 2.30 | 1.25 | 1.30 | 1.50 | 32 | 47 | .. |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (e) Research Grant for Applied Research | .. | .. | .. | 2,00 | .. | 2,00 | .. | .. | .. | 2,00 | .. | 2,00 |

The provision under this activity is included with a view to give grants to the institutions/individuals who are competent to carry out the research problems of importance from public health point of view in the State. The research is being carried out by various professors/doctors on various problems facing the patients in general.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|---------|---------------------------|----------|-------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (f) Construction | 1,27,31 | .. | 1,27,31 | 39,00 | .. | 39,00 | 1,80,00 | .. | 1,80,00 | 2,18,00 | .. | 2,18,00 |

The provision under this activity is included in the demands of the Public Works Department which executes the works. The proposed outlay of Rs. 2,18,00 lacs has been proposed to be utilized for the completion of on-going works, i.e., Indoor Blocks of Shri Guru Teg Bahadur Hospital, Amritsar, completion of New Casualty Block at Rajindra Hospital, Patiala construction of Examination-cum-Library Hall at Medical College, Amritsar. The provision under Non-Plan is utilised for minor works, i.e., additional and alterations, repair works, provision of electricity and public health amenities in various buildings of Medical Colleges and Hospitals.

SOIL CONSERVATION DEPARTMENT

I—INTRODUCTION

The Soil Conservation work in the State of Punjab was originally started during the Third Five-Year Plan with the help of 5 Centrally-sponsored Soil Conservation and Dry Farming Demonstration Projects, located in different problematic zones of the State. Later on, the Soil Conservation Organisation switched over to Soil Conservation works on Recovery basis. Previously, the Soil Conservation and Engineering Department was part and parcel of the Agriculture Department. It was separated from the Agriculture Department on 15th December, 1969, and came into existence as Independent Department from that date. The Chief Conservator of Soils, Punjab, is the head of this Department. He is assisted at the Headquarter by the Divisional Soil Conservation Officers (H.Q.), Divisional Soil Conservation Officer (Engineering) Divisional Soil Conservation Officer (Agronomy and Soils), Establishment Officer, Map Officer and Assistant Accounts Officer. These officers are working on functional basis and not on territorial basis. Each officer is looking after various sections of the Soil Conservation Department like Budget, Planning, Establishment, Accounts and Soil Conservation works, etc., etc.

2. The Department consists of two Circles. Each Circle is headed by Conservator of Soils, and is further divided into 12 Divisions. Each Division is looked after by the Divisional Soil Conservation Officer and each Division is further assisted by Sub-Divisions, which are headed by the Assistant Soil Conservation Officers. These Sub-Divisions are functioning in various Tehsils and Districts of the State.

3. The Soil Conservation and Engineering Department, is charged with the responsibility of ensuring optimum utilisation of Soil and Water Resources of the State for maximum production purposes on sustained basis. So far as the Soil Conservation works are concerned, the Punjab State has been divided into three separate zones having their own problems as detailed below :—

- (a) In the Sub-Mountaneous tracts, Soil and Water Conservation measures, such as Contour bunding, Gully Reclamation, Terracing, Choe Training, Construction of Check-Dams, Diversion Channels, Grading of Land and Lining of Irrigation conveyance systems are being carried out to protect the eroding lands and also for conservation of moistures for increased Agricultural production. In the revenous and riverine areas, working like Division and Disposal Channels, Construction of Gully Plugs and Check Dams, Terracing of the Land, provision of irrigation conveyance system, levelling of lands and provisions of dikes and spurs, etc., will be carried out. It is estimated that an area of about 3.5 lakhs hectares requires these treatments.
- (b) In the central plains work of grading of land and installation of underground pipeline to cut short seepage and percolation losses in irrigation conveyance system are being carried out. It is estimated that about 7.00 lakh hectares need land grading layout of underground pipelines and 6.89 lakh hectares are affected by water logging and salinity problems.

4. The underground water in the southern parts of the State is blackish and unsuitable for irrigation. The water loss through seepage and evaporation assumes greater importance especially when the underground water is unsuitable for irrigation and canal water supplies are limited. The works of levelling of land and installation of underground pipelines is being done. These works effect 25 per cent to 35 per cent saving in irrigation water by cutting short seepage and percolation losses. Approximately 3.50 lakhs Hectares area in the southern Districts requires levelling of land and installation of underground pipelines. This Department has now undertaken to complete only the uncomplete lining projects which were taken by this Department. The remaining lining work has been started by the P.R.T.C.

5. Upto the year 1982-83 (upto 31st December, 1982) Department of Soil Conservation and Engineering had covered 32,291 Hectares under Contour Bunding besides lining 34,75,966 meters

of water courses (common water-courses) with an expenditure of Rs. 6139.48 lakhs. Yearwise achievements are given hereunder :—

Year-wise Statements regarding Achievements of the Department

| Year | Financial (Rs. in lakhs) | Contour Bunding and Gully Re- clamation (Hectares) | Soil and Water Management (Hectares) | Underground Pipelines (Meters) | Lining of Open Channels (Meters) |
|--------------|-----------------------------|--|---|--------------------------------------|---|
| 1961-62 | 1.59 | 400 | .. | .. | .. |
| 1962-63 | 2.47 | 495 | .. | .. | .. |
| 1963-64 | 15.30 | 4,392 | .. | .. | .. |
| 1964-65 | 23.70 | 5,917 | .. | .. | .. |
| 1965-66 | 47.33 | 7,730 | 800 | .. | .. |
| 1966-67 | 42.46 | 2,513 | 5,720 | .. | .. |
| 1967-68 | 65.24 | 3,443 | 8,040 | .. | .. |
| 1968-69 | 47.08 | 766 | 950 | .. | .. |
| 1969-70 | 77.36 | 930 | 5,922 | 17,495 | 31,685 |
| 1970-71 | 116.39 | 1,021 | 8,000 | 303,587 | 26,533 |
| 1971-72 | 165.72 | 632 | 14,400 | 358,525 | 73,196 |
| 1972-73 | 226.53 | 1,240 | 12,836 | 292,798 | 101,322 |
| 1973-74 | 211.07 | 551 | 14,243 | 157,693 | 53,235 |
| 1974-75 | 321.12 | 278 | 3,919 | 116,509 | 187,295 |
| 1975-76 | 360.35 | 255 | 9,513 | 175,406 | 235,413 |
| 1976-77 | 426.28 | 265 | 29,693 | 267,930 | 257,490 |
| 1977-78 | 739.62 | 276 | 67,922 | 373,000 | 1,213,000 |
| 1978-79 | 904.89 | 372 | 42,413 | 294,440 | 810,230 |
| 1979-80 | 626.78 | 233 | 17,815 | 319,250 | 186,730 |
| 1980-81 | 662.88 | 227 | 9,371 | 244,560 | 105,040 |
| 1981-82 | 690.21 | 40 | 10,291 | 280,367 | 121,777 |
| 1982-83 | 365.11 | 265 | 4,700 | 134,880 | 73,020 |
| Total | 6139.48 | 32,241 | 266,588 | 3,493,940 | 3,475,966 |

Financial Requirements

(Rs. in thousand)

| Programme/ Activity Classi- fication | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|
| | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| 1. Direction and Admin- istration .. | .. | 3,66 | 3,66 | .. | 3,63 | 3,63 | .. | 3,90 | 3,90 | .. | 3,98 | 3,98 |
| 2. Soil Survey and Testing | 11,19 | 4,32 | 15,51 | 13,00 | 4,71 | 17,71 | 13,79 | 5,10 | 18,89 | 13,00 | 5,66 | 18,66 |
| 3. Education and Training | 1,74 | 1,27 | 3,01 | 5,00 | 1,40 | 6,40 | 2,78 | 1,50 | 4,28 | 5,00 | 1,58 | 6,58 |
| 4. Soil Conser- vation Schemes .. | 1,28,18 | 1,62,42 | 2,90,60 | 2,27,66 | 1,56,30 | 3,83,96 | 1,88,92 | 1,78,28 | 3,67,20 | 2,67,00 | 1,77,04 | 4,44,04 |
| 5. Purchase of Debentures | .. | .. | .. | 10,00 | .. | 10,00 | 10,00 | .. | 10,00 | 8,75 | .. | 8,75 |
| 6. Loan amount (Works) .. | 84,38 | .. | 84,38 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total A .. | 2,25,49 | 1,71,67 | 3,97,16 | 2,55,66 | 1,66,04 | 4,21,70 | 2,15,49 | 1,88,78 | 4,04,27 | 2,93,75 | 1,88,26 | 4,82,01 |
| <i>Deduct—</i> amount to be transferred to loan head 706—Loans for Minor Irrigation, Soil Conser- vation and Area Deve- lopment .. | 84,38 | .. | 84,38 | 68,22 | .. | 68,22 | 81,36 | .. | 81,36 | 1,17,75 | .. | 1,17,75 |
| Net Total 'A' .. | 1,41,11 | 1,71,67 | 3,12,78 | 1,87,44 | 1,66,04 | 3,53,48 | 1,34,13 | 1,88,78 | 3,22,91 | 1,76,00 | 1,88,26 | 3,64,26 |
| (B) Objectwise Classification | | | | | | | | | | | | |
| Salaries .. | 37,80 | 1,44,01 | 1,81,81 | 35,03 | 1,39,09 | 1,97,12 | 45,64 | 1,64,32 | 2,09,96 | 51,10 | 1,60,10 | 2,11,20 |
| Wages .. | 22 | 41 | 63 | 39 | 61 | 90 | 50 | 41 | 91 | 39 | 55 | 94 |
| Travel Ex- penses .. | 4,16 | 6,81 | 10,97 | 6,35 | 6,94 | 13,29 | 5,94 | 7,94 | 13,88 | 8,80 | 7,32 | 13,12 |
| Office Expenses | 4,35 | 6,61 | 10,96 | 5,80 | 6,54 | 12,34 | 5,93 | 5,76 | 11,71 | 6,65 | 6,82 | 13,47 |
| Rents, Rates & Taxes .. | 1,37 | 3,47 | 4,84 | 1,84 | 3,45 | 5,29 | 1,84 | 4,50 | 6,34 | 1,87 | 3,58 | 5,45 |
| Machinery, Equipment, Tools & Plants etc.. | 28 | 10 | 38 | 1,75 | 14 | 1,89 | 1,78 | 11 | 1,89 | 1,45 | 14 | 1,59 |
| Maintenance .. | 7,71 | 61 | 8,32 | 7,00 | 29 | 7,29 | 9,03 | 22 | 9,25 | 7,00 | 20 | 7,20 |
| Motor Vehicle | 1,49 | 1,14 | 2,63 | 4,45 | 120 | 5,65 | 3,60 | 1,12 | 4,72 | 4,38 | 1,26 | 5,64 |

(Rs. in thousands)

| Heads | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------------|----------------|---------------------------|----------------|----------------|----------------------------|----------------|----------------|---------------------------|----------------|----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Professional and special Services .. | .. | .. | .. | 20 | .. | 20 | 20 | .. | 20 | 20 | 5 | 25 |
| Medical Re-imbursment .. | .. | .. | .. | 1,17 | 2,82 | 3,99 | 59 | 1,84 | 2,43 | 1,14 | 3,18 | 4,32 |
| Publication .. | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 |
| Other charges | 1,68,10 | 8 50 | 1,76,60 | 1,58,66 | 5 00 | 16,3,66 | 1,30,40 | 2,50 | 1,32,90 | 2,05,00 | 5,00 | 2,10 00 |
| Descretal charges .. | .. | .. | .. | .. | 5 | 5 | .. | 5 | 5 | .. | 5 | 5 |
| Purchase of Debentures .. | .. | .. | .. | 10,00 | .. | 10,00 | 10,00 | .. | 10,00 | 8,75 | .. | 8,75 |
| Total B .. | 2,25,19 | 1,71,67 | 3,97,16 | 2,55,66 | 1,66,04 | 4,21,70 | 2,15,49 | 1,88,78 | 4,04,27 | 2,93,75 | 1,88,26 | 4,82,01 |
| Deduct—Amount to be transferred to loan head "706—Loan for Minor Irrigation Soil Conserv-ation and Area Develop-ment .. | 84,38 | .. | 84,38 | 68,22 | .. | 68,22 | 81,36 | .. | 81,36 | 1,17,75 | .. | 1,17,75 |
| Net Total .. | 1,41,11 | 1,71,67 | 3,12,78 | 1,87,44 | 1,66,04 | 3,95,48 | 1,34,13 | 1,88,78 | 3,22,91 | 1,76,00 | 1,88,26 | 3,64,26 |
| C. Sources of Financing | | | | | | | | | | | | |
| Demand No. 27 | | | | | | | | | | | | |
| Major Head "307—Soil & Water Conservation" .. | 1,41,11 | 1,71,67 | 3,12,78 | 1,79,44 | 1,66,04 | 3,45,48 | 1,24,13 | 1,88,78 | 3,12,91 | 1,67,25 | 1,88,26 | 3,55,51 |
| Demand No. 26 | | | | | | | | | | | | |
| Major Head "306—Capital Outlay on Soil Conserv-ation, Minor Irrigation and Area De-velopment .. | .. | .. | .. | 10,00 | .. | 10,00 | 10,00 | .. | 10,00 | 8,75 | .. | 8,75 |
| Demand No. 41 | | | | | | | | | | | | |
| 706—Loans for Minor Irriga-tion, Soil Conservation & Area De-velopment .. | 84,38 | .. | 84,38 | 68,22 | .. | 68,22 | 81,36 | .. | 81,36 | 1,17,75 | .. | 1,17,75 |
| Total C .. | 2,25,49 | 1,71,67 | 3,97,16 | 2,55,66 | 1,66,04 | 4,21,70 | 2,15,49 | 1,88,78 | 4,04,27 | 2,93,75 | 1,88,26 | 4,82,01 |

(Rs. in thousands)

| Heads | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| <i>Deduct—Amount to be transferred to loan Head "706—Loans for Minor Irrigation, Soil Conservation and Area Development..</i> | 84,38 | .. | 84,38 | 68,22 | .. | 68,22 | 81,36 | .. | 81,36 | 1,17,75 | .. | 1,17,75 |
| Net Total 'C' | 1,41,11 | 1,71,67 | 3,12,78 | 1,87,44 | 1,66,01 | 3,53,45 | 1,34,13 | 1,88,78 | 3,22,91 | 1,76,00 | 1,88,26 | 3,64,26 |

III—Explanation of Financial Requirements

(Rs. in thousand)

| Head | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------------|------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| I. Direction / Administration | | | | | | | | | | | | |
| Direction .. | .. | 3,66 | 3,66 | .. | 3,63 | 3,63 | .. | 3,90 | 3,90 | .. | 3,98 | 3,98 |

The Chief Conservator of Soils, Punjab is the Head of the Department and is assisted by the Divisional Soil Conservation Officer (H), Divisional Soil Conservation Officer (Eng.), Divisional Soil Conservation Officer (Agronomy & Soils), Assistant Accounts Officer and Establishment Officer and other supporting staff at the headquarters. The salaries and Travel Expenses of these officers working at the Headquarters are debited to the different schemes. These officers are looking after various sections of the Department which deal with Budget, Planning, Establishment, Soil Conservation works and Accounts etc. The Assistant Accounts Officer has been authorised by the Chief Conservator of Soils, Punjab to look after the Budget and to check the Audit and Inspection Notes in respect of this Department. The Divisional Soil Conservation Officer (H.Q.) is looking after the Planning schemes, Technical Notes, Annual Administrative Reports, A.R.D.C. Schemes and publicity, Divisional Soil Conservation Officer (Engg) books after the standardisation of designs specifications of various Soil Conservation Works. Sanction of Plans and Estimates of Works, Common Schedule of rates, all financial sanctions, Soil Conservation Rules, Formulation of non-plan schemes. The Divisional Soil Conservation Officer (Agronomy & Soils) assists to the Chief Conservator of Soils, Punjab in the works of the Soil Survey and legal cases, purchase of stationery, vigilance, maintenance of Govt. machinery, notification and arbitration. The establishment Officer assists the Chief Conservator of Soils, Punjab in Establishment matters,

Table indicating the total strength of staff of the Soil Conservation and Engineering Department (Headquarters office and sub-office) is given below :—

TABLE I

| | | 1981-82 | 1982-83 | 1983-84 |
|--------------|----|--------------|--------------|--------------|
| | | Actual | Actual | Actual |
| Class I | .. | 20 | 20 | 20 |
| Class II | .. | 60 | 60 | 60 |
| Class III | .. | 1,822 | 1,822 | 1,822 |
| Class IV | .. | 506 | 506 | 506 |
| Total | .. | 2,408 | 2,408 | 2,408 |

The total strength of the headquarters office is shown in Table No. II.

TABLE II

| | | 1981-82 | 1982-83 | 1983-84 |
|--------------|----|-----------|-----------|-----------|
| | | Class I | .. | 1 |
| Class II | .. | .. | .. | .. |
| Class III | .. | 15 | 15 | 15 |
| Class IV | .. | 5 | 5 | 5 |
| Total | .. | 21 | 21 | 21 |

2. Soil Survey and Testing

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1. Land Use | .. | 4,32 | 4,32 | .. | 4,71 | 4,71 | .. | 5,10 | 5,10 | .. | 5,66 | 5,66 |
| Soil Survey | .. | 4,32 | 4,32 | .. | 4,71 | 4,71 | .. | 5,10 | 5,10 | .. | 5,66 | 5,66 |

Like other development programmes the high group production requires a systematic Soil Survey. As the prosperity of the State depends upon wise and rational use of our scarce resources i.e. Soil. There is need for evolving a short term and long term programme towards the optimum use of land and soil resources so as to satisfy competing demands for land for agriculture industry, commerce, housing, recreational activities, Communication and other uses, and above all, within agriculture itself for various uses such as food, commercial and Plantation crops, pastures, fodder and forests etc. It needs no emphasis that our scarce resources i.e. land and water should be used in such a way so as to get optimum production on sustained basis. Lack of farm development is responsible for inefficient utilisation of irrigation facilities, as well as appearance of saline patches and deterioration of Soil by erosion. The forests are our grazed and denuded resulting in run off causing damage to soil and land resources. It is, therefore, essential that the order to feed increasing population and meet requirements for figures, firewood, timber and food, the available soil and water resources are protected, conserved and developed for maximisation of production on sustained basis. Thus Soil Survey is an essential pre-requisite for any rational land use planning. The State land use Board has emphasised the need to cover the entire state under Soil Survey within a period of 6 or 7 years.

Sanctioned strength of staff under this scheme is shown below :

TABLE III

| | 1981-82 | 1982-83 | 1983-84 |
|-----------|---------|---------|---------|
| Class I | .. | .. | .. |
| Class II | .. | 2 | 2 |
| Class III | .. | 37 | 37 |
| Class IV | .. | 18 | 18 |
| Total | .. | 57 | 57 |

V. Soil Survey in the State

Two Plan Schemes, i.e. Schemes for Detailed Soil Survey of Command and Problem Area and the "Scheme for strengthening of Soil Survey Organisation" have been grouped together from the year 1982-83 and renamed as Soil Survey in the State. Under given normal climatic conditions, agricultural production is the result of the interaction between various inputs the Soil Characteristics and management standards. Different kinds of Soils according to their physio-Chemical properties need different level of inputs. (Particularly Fertilizers for optimum returns). Availability of Plant nutrients varies with Soil types. To get optimum returns, a complete understanding of the Soil Characteristic is necessary. It is, therefore, essential to have complete understanding of the Soil Characteristic extent and location of different kinds of Soils and their behaviours under different uses. Such information can best be obtained through standard and systematic Soil Survey. Soil Surveys are thus crucial to adjust the proper and optimum use of land according to the land capability of scientific development of Agriculture and formulation of cropping pattern proper Soil and water Management, land development, Land Reclamation and other management practices. The information regarding Budget Estimates and staff strength is given as under :—

(Rs. in thousands)

| Name of Scheme | Accounts 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------------|------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (i) Soil Survey in the State.. | 11,19 | .. | 11,19 | 13,00 | .. | 13,00 | 13,79 | .. | 13,77 | 13,00 | .. | 13,00 |

Sanctioned strength of staff under the scheme is given below :—

TABLE IV

| | | 1981-82 | 1982-83 | 1983-84 (Existing) |
|--------------|----|------------|------------|-----------------------|
| Class I | .. | 1 | 1 | 1 |
| Class II | .. | 3 | 3 | 3 |
| Class III | .. | 75 | 75 | 75 |
| Class IV | .. | 31 | 31 | 31 |
| Total | .. | 110 | 110 | 110 |

3. Education and Training

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (i) Training Research & Demonstration .. | 1,74 | 1,27 | 3,01 | 5,00 | 1,40 | 6,40 | 2,78 | 1,50 | 4,28 | 5,00 | 1,58 | 6,58 |
| (ii) Training Institute for Soil Conservation (Non-Plan) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

The work for carrying out Soil Conservation Programme are of a highly specialised nature and the cultivators are not expected to carry them out on their lands by themselves. The Department of Soil Conservation and Engineering has, therefore undertaken to execute these works requiring full knowledge and techniques of these works. Therefore, the training is essential in order to equip the staff with the latest Soil Conservation techniques.

In the State Training Institute, regular training is given to the Agricultural Sub-Inspectors Surveyors and the short duration refresher courses are running for Inspectors and Assistant Soil Conservation Officers during the year 1983-84, one Divisional Soil Conservation Officer, Four Assistant Soil Conservation Officers and 20 Agricultural Inspectors/Soil Conservation Inspectors/Sectional Officers will be given training at the Government of India's Centres. One gazetted Officer of the rank of the Divisional Soil Conservation Officer will be sent to U.S.A. for specialised Soil Conservation Training. The durations of training of Assistant Soil Conservation Officers will be one year. Substitutes will be provided in place of trainees so that the work may not suffer.

TABLE V

| Officers/officials trained/to be trained | Targets 1981-82 | Achievements 1981-82 | Targets 1982-83 | Targets 1983-84 |
|--|-----------------|----------------------|-----------------|-----------------|
| Gazetted | .. | 5 | 3 | 5 |
| Non-Gazetted | .. | 120 | 53 | 120 |

Staff sanctioned under these schemes is given below :—

| | 1981-82 | 1982-83 | 1983-84 |
|-----------------|-----------|-----------|-----------|
| Class I .. | 2 | 2 | 2 |
| Class II .. | 4 | 4 | 4 |
| Class III .. | 23 | 23 | 23 |
| Class IV .. | 10 | 10 | 10 |
| Total .. | 39 | 39 | 39 |

4. Soil Conservation Schemes

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates 1982-83 | | | Budget estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (i) Soil Conservation Organisation Recurring and Non recurring | .. | 63,78 | 63,78 | .. | 58,16 | 58,16 | .. | 61,66 | 61,66 | .. | 65,65 | 65,65 |

This scheme is in existence since 1961. The staff provided in the scheme is required for carrying out Soil Conservation Works on agricultural lands. This work was undertaken during the fourth plan period and is to be continued. Random sampling experiments carried out by the statistician of the Agriculture Department Punjab have indicated that Soil Conservation Programme in Punjab yields much better return in the form of additional food production than is expected in areas under similar programme in the southern States. There are some 50 lakhs acres which stand badly in need of works like soils and water management. When these areas are treated by Soil and Water Conservation measures, it would give great fillip to the additional food production.

TABLE VI

| | 1981-82 | 1982-83 | 1983-84 (Existing) |
|-----------------|------------|------------|-----------------------|
| Class I .. | 7 | 7 | 7 |
| Class II .. | 16 | 16 | 16 |
| Class III .. | 455 | 455 | 455 |
| Class IV .. | 88 | 88 | 88 |
| Total .. | 566 | 566 | 566 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|---|-------------------|--------------|----------------|---------------------------|--------------|--------------|----------------------------|--------------|----------------|---------------------------|--------------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (ii) Scheme for Soil & Water Conservation on Watershed basis .. | 58,90 | 23,13 | 82,03 | 52,00 | 21,52 | 73,52 | 42,15 | 27,91 | 70,06 | 40,00 | 25,02 | 65,02 |
| Loan. .. | 65,31 | .. | 65,31 | 22,16 | .. | 22,16 | 32,16 | .. | 32,16 | 30,00 | .. | 30,00 |
| Total .. | 1,24,21 | 23,13 | 1,47,34 | 74,16 | 21,52 | 95,68 | 7,431 | 27,91 | 1,02,22 | 70,00 | 25,02 | 95,02 |

This scheme is in operation since 1966-67 and is included in the Sixth Five-Year Plan.

Soil Conservation Works on Agricultural lands were undertaken during the Third Five-Year Plan period.

Some of the staff provided for this scheme was converted to Non-Plan side. The scheme envisages execution of Soil & Water Conservation works on Watershed basis, and is operative in sub-mountainous areas of the State. It is proposed to extend the area of operation of the scheme to the riverine and the riverine tracts of the State. Soil Water Management works in these tracts have necessarily to be executed on watershed basis. In the sub-mountainous tract the works to be executed will be bench terracing, Land Leveling/Grading Construction of Check Dams, Gully Reclamation, Contour Bunding, diversion Channels spurs provision of surplus arrangements, Water management and check Training etc. These works are beneficial for protecting the eroding lands, Conservation of moisture for increased Agricultural production. In the riverine and riverine areas works like diversion and disposal channels, construction of gully plugs and check dams, terracing of land, provision of irrigation conveyance system, leveling of land provision of dikes and spurs etc. will be carried out.

It is proposed to cover 2000 hectares under different categories of works during the year 1982-83.

Staff sanctioned under this scheme is as under :—

TABLE VII

| | 1981-82 | 1982-83 | 1983-84 |
|--------------|------------|------------|------------|
| Class I .. | 2 | 2 | 2 |
| Class II .. | 6 | 6 | 6 |
| Class III .. | 251 | 251 | 251 |
| Class IV .. | 103 | 103 | 103 |
| | 362 | 362 | 362 |

(Rs. in thousands)

| | Accounts 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|---|------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (ii) Scheme for Soil & Water Management | .. | 21,93 | 21,93 | .. | 18,52 | 18,52 | .. | 25,62 | 25,62 | .. | 22,12 | 22,12 |
| Total | .. | 21,93 | 21,93 | .. | 18,52 | 18,52 | .. | 25,62 | 25,62 | .. | 22,12 | 22,12 |

The areas of the blocks of Narot Jaimal Singh, Dorangla, Dehra Baba Nanak, Fateh garh Caurian, Verka, Tarn Taran, Patti, Fazilka and Khuian Sarwar falling within distance of 16 Kms. from the International Border with Pakistan Constitutes border areas of the State. Most of these areas are comparatively undeveloped and lying waste, Irrigation facilities are not adequate and some land developed the problem of water logging, salinity and alkalinity. These lands need to be treated with Soil Conservation measures to make them productive. No systematic and consistent programme of Soil and Water Management could be undertaken because of the two previous wars with Pakistan. During these wars most of the people were dislocated and suffered heavy loss of property. The cultivators of the border areas are hesitant investing in large sums of money for the development of land. Their financial condition has also become weak and even the commercial banks are hesitant to advance loans for the improvement of lands because of the border areas properly and keep their morale at high ebb.

The scheme envisages carrying out Soil Conservation works in border areas on subsidized basis with the help of the staff on Non-Plan side. The works to be executed includes reclamation and levelling of land, construction of underground channels etc. The adoption of these measures will not only enhance agricultural production but will also boost the morale of the people of the border areas.

Details of staff are given in the table below :—

TABLE VIII

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|--------------|---------|----------|-------|---------|----------|-------|---------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Class I | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| Class II | .. | 5 | 5 | .. | 5 | 5 | .. | 5 | 5 |
| Class III | .. | 179 | 179 | .. | 179 | 179 | .. | 179 | 179 |
| Class IV | .. | 44 | 44 | .. | 44 | 44 | .. | 44 | 44 |
| Total | .. | 229 | 229 | .. | 229 | 229 | .. | 229 | 229 |

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (iv) Scheme for carrying out Soil Conservation and water use Works for the Development of Land | .. | 53,58 | 53,58 | .. | 58,10 | 58,10 | .. | 63,09 | 63,09 | .. | 63,25 | 63,25 |
| Total | .. | 53,58 | 53,58 | .. | 58,10 | 58,10 | .. | 63,09 | 63,09 | .. | 63,25 | 63,25 |

This scheme envisages to carry out Soil and Water Conservation works in Southern Districts of the State. This tract is in the low rainfall/zone of the State and the average rainfall here varies from 10 to 20 inches. Under these rainfall conditions accompanied with sandy undulating topography of the land normal agricultural Production is not economical. Further sufficient moisture is not available for raining successful rabi crops in the areas where no irrigation is available. To obtain economical yields for agricultural crops it is desirable to have additional supply of irrigation water. In order to save the irrigation water from seepage and evaporation losses and with a view to bringing larger area under irrigation with the same available source of water, it is proposed to have underground pipe channels for providing water conveyance system. Further to make the sandy undulating fields fit to receive the irrigation it is desirable to level the lands to suitable grades.

This scheme envisages to execute underground pipe channels for proper conveyance system of irrigation and carrying out of land levelling works. The physical targets achievement of the scheme will appear under the (S.C.A. 3.3) Plan scheme for Soil and Water Conservation Programme in other areas of the State for the year 1982-83.

Sanctioned strength of staff shown below:—

TABLE IX

| | 1981-82 Non-Plan | 1982-83 Non-Plan | 1983-84 Non-Plan |
|-----------|---------------------|---------------------|---------------------|
| Class-I | .. 4 | 4 | 4 |
| Class-II | .. 17 | 17 | 17 |
| Class-III | .. 501 | 501 | 501 |
| Class-IV | .. 141 | 141 | 141 |
| Total | .. 663 | 663 | 663 |

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|---|-------------------|-----------|--------------|---------------------------|-----------|--------------|----------------------------|-----------|--------------|---------------------------|-----------|----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Development of Kandi area with World Bank Assistant | 19,82 | .. | 19,82 | 47,50 | .. | 47,50 | 32,41 | .. | 32,41 | .. | 41,25 | 41,25 |
| Loan | 17,68 | .. | 17,68 | 34,50 | .. | 34,50 | 35,70 | .. | 35,70 | .. | 70,75 | 70,75 |
| Total | 37,50 | .. | 37,50 | 82,00 | .. | 82,00 | 68,11 | .. | 68,11 | 1,12,00 | .. | 1,12,00 |

It is a technically plan scheme and has come into operation from the year 1979-80.

In order to development Kandi Area there is a need to Execute Soil and Water Conservation works in an integrated manner on watershed basis. This scheme envisages to cover selected watersheds in sub-mountainous tracts of the State. This Scheme is to be implemented with World Bank assistance. During 1982-83 it is proposed to execute Soil and Water Conservation works over an area of 1600 Hectares.

The strength of staff under the scheme is as under:—

| | 1981-82 Sanctioned Staff | | | 1982-83 (Existing staff) | | | 1983-84 | | | | | |
|--------------|--------------------------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | | | |
| Class-I | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 1 |
| Class-II | .. | .. | .. | .. | .. | .. | 3 | .. | 4 | .. | .. | 4 |
| Class-III | .. | .. | .. | .. | .. | .. | 62 | .. | 90 | .. | .. | 90 |
| Class-IV | .. | .. | .. | .. | .. | .. | 16 | .. | 23 | .. | .. | 23 |
| Total | .. | .. | .. | .. | .. | .. | 82 | .. | 118 | .. | .. | 118 |

| | Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget estimates, 1983-84 | | |
|--|-------------------|-----------|--------------|---------------------------|-----------|--------------|----------------------------|-----------|--------------|---------------------------|-----------|--------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for Soil Conservation Programme in other Areas of the State | 44,49 | .. | 44,49 | 40,50 | .. | 40,50 | 33,00 | .. | .. | 33,00 | .. | 33,00 |
| Loans | .. | .. | .. | 6,00 | .. | 6,00 | 13,50 | .. | 13,50 | 17,00 | .. | 17,00 |
| Total | 44,49 | .. | 44,49 | 46,50 | .. | 46,50 | 46,50 | .. | 46,50 | 50,00 | .. | 50,00 |

It is a technically New Plan Scheme. It has been included in the 6th Plan and Annual Plan for 1982-83 and within the prescribed ceiling.

This scheme will cover the tract other than the sub-mountane area. This scheme envisages executing of Soil Conservation Measures which include installation of underground pipe line. Construction of open channels and levelling of land, Gully reclamation, bench terracing, installation of open surface and underground field drainage, construction and maintenance of common water course.

This scheme will be operative in the entire State of Punjab except the Sub-mountane areas and subsidy component in the backward areas like Bet, Border, Ravine, etc. has been retained at the existing level. The targetted area is 10,000 hectares. Subsidy on installation of underground pipeline work in Border Area is also proposed to be given so as to have uniform policy.

The staff strength for the years 1981-82 and 1982-83 is as under:—

TABLE XI

| | | 1982-83 | 1983-84 (Existing) |
|-----------|----|---------|-----------------------|
| Class-I | .. | 1 | 1 |
| Class-II | .. | 3 | 3 |
| Class-III | .. | 89 | 89 |
| Class-IV | .. | 27 | 27 |
| Total | .. | 120 | 120 |

(Rupees in thousands)

| | Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates 1982-83 | | | Budget estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for carrying out Soil Conservation for the Welfare of Scheduled Castes under Special Central Assistance Programme | 4,97 | .. | 4,97 | 19,44 | .. | 19,44 | .. | .. | .. | 25,00 | .. | 25,00 |
| Loan | .. | 1,39 | 1,39 | 5,56 | .. | 5,56 | .. | .. | .. | .. | .. | .. |
| Total | 6,36 | .. | 6,36 | 25,00 | .. | 25,00 | .. | .. | .. | 25,00 | .. | 25,00 |

It is a new Centrally sponsored scheme to be entirely financed by the Government of India under Special Central Assistance Programme for the Welfare of Scheduled Castes.

The Scheduled Castes are generally of poorer economic back ground and there is a need to provide special assistance to this class of farmers so as to improve their economic status by providing them with developed land which will be a source of permanent income to their families. It is, therefore, proposed to develop the lands of farmers belonging to the Scheduled Castes in the entire State under this Scheme by providing better incentive in the shape of subsidy grants. It is proposed to execute gully reclamation, construction of diversion channels and stream bank erosion control works for the development of land belonging to the Scheduled Castes at 100% State cost.

It is proposed to cover 760 Hects. of land under various soil Conservation treatments with a financial outly of Rs. 25,00 lac during 1983-84.

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget estimates, 1982-83 | | | Revised estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for purchase of Debentures for carrying out Soil and water Conservation Works provided under Agricultural Refinance Corp. Schemes | .. | .. | .. | 10,00 | .. | 10,00 | 10,00 | .. | 10,00 | 8,75 | .. | 8,75 |

The Soil Conservation works on Agricultural lands help to create necessary infrastructure for increasing productivity of Soil and Cropping intensity. The magnitude of the problem and the amounts involved for solving the same is great that the Government is finding it difficult to finance these works out of the State resources. Financial help from the Agricultural Refinance and Development Corp. has been arranged in order to tide over this situation. In order to avail of financial facilities offered by the Agricultural Refinance Development Corp. through Land Mortgage Bank for Soil Conservation works the State Government is required to float debentures to the extent of 10% to 25% of the total financial assistance being offered. It is anticipated that Institutional finance to the extent of Rs. 300.00 lakhs will be utilised for the execution of Soil & Water Management works under various schemes during the year 1983-84 and the Government will be required to purchase debentures of the bank concerned to the tune of about Rs. 8.75 lakhs. A provision of Rs. 8.75 lakhs on the State Plan has been made and the remaining amount of Rs. 8.75 lakhs will be forthcoming from Government of India.

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Scheme for Soil and Water Conservation Programme Pilot Projects for Soil Conservation works in Rainfed Areas | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10,00 | .. | 10,00 |
| Loan | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10,00 | .. | 10,00 |

It is a new Plan Scheme and will be implemented during the year 1983-84. It is included in the Annual Plan for the year 1983-84. The plan outlay for this scheme has been approved for Rs. 10.00 lac for the year 1983-84.

In the Kandi/sub-mountainous tract extending from Derra Bassi in the North-East to Pathankot in the West, there is a vast tract of agricultural land adjoorning the foot-hills. The rain fall in this region is heavy. 80% of the rain fall is received during the three Monsoon months of July, August and Sept. Thus even through the total precipitation is quite high yet, its distribution as such that during the monsoon the area receives more water in the shape of rainfall where as it remains almost dry during the remaining 9 months of the year. It is, therefore, proposed to construct Surface Storage dams/Tanks for storing the rain water (during the time of plenty and use this stored water for supplying the supplementary irrigation to the late maturing Kharif crops and also apply pre-monsoon irrigation to the Rabi crops. These measures will help in raising Agricultural irrigation of Barani lands in the Area.

Since the works proposed in the scheme are new, it is proposed to bear the entire cost out of government budget.

**AMOUNT TO BE TRANSFERRED TO LOAN HEAD "706—Loans for Minor Irrigation,
Soil Conservation and Area Development" are as under**

(Rs in thousands)

| S. No. | Name of Scheme | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------|---|-------------------|-----------|--------------|---------------------------|-----------|--------------|----------------------------|-----------|--------------|---------------------------|-----------|----------------|
| | | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 1 | Scheme for Soil & Water Conservation on watershed basis | 65,31 | .. | 65,31 | 22,16 | .. | 22,16 | 32,16 | .. | 32,16 | 30,00 | .. | 30,00 |
| 2 | Scheme for Pilot Projects on Development on Khandi Areas with World Bank Assistance | 17,69 | .. | 17,69 | 34,50 | .. | 34,50 | 35,70 | .. | 35,70 | 70,75 | .. | 70,75 |
| 3 | Scheme for Soil Conservation programme in other areas of the State | .. | .. | .. | 6,00 | .. | 6,00 | 13,50 | .. | 13,50 | 17,00 | .. | 17,00 |
| 4 | Scheme for Welfare of Scheduled Caste | .. | 1,39 | 1,39 | 5,56 | .. | 5,56 | .. | .. | .. | .. | .. | .. |
| Total | | 84,39 | .. | 84,39 | 68,22 | .. | 68,22 | 81,36 | .. | 81,36 | 1,17,75 | .. | 1,17,75 |

DIRECTOR OF SPORTS**INTRODUCTION**

Punjab has been an important sports nursery in the country and is the first State to establish an independent Directorate of Sports. A few other States have also followed our example and set up Sports Directorates. The participation in sports, besides keeping the youth physically fit, keep them away from anti-social activities. The playfield provides healthy pastime and recreation. It inculcates many other character building qualities in youth. In most of the advanced countries participation in Sports and allied Outdoor activities was made a base for all developmental schemes. The results were encouraging. Punjab State is known for its progressive policies and has taken a lead in establishing independent Department for Sports.

2. At present the Sports Department is being administrated by the Director Sports, who is also Secretary to the Sports Council, headed by the Hon'ble Chief Minister, Punjab. A team of officers who were outstanding sportsmen and women in their hey-days, is assisting the Director in the implementation of following scheme at the headquarters and in the field :—

- (a) Coaching Scheme.
- (b) Competition Scheme.
- (c) Award of Scholarships.
- (d) Recreation Centres.
- (e) Sports Hostels.
- (f) Purchase of Sports Equipment.
- (h) Sports Academy.
- (i) Construction of Sports Complexes.
- (j) Financial assistance to Sports Bodies.

For spotting out the sports talent which otherwise lies dormant and encouraging such players as can be shaped into outstanding sportsmen/women the following competitions are organised by the Department itself :—

- (1) Hot Weather League Competitions.
- (2) Winter League Competitions.
- (3) Invitation National Level Competitions.
- (4) State Level Inter-District Competitions.
- (5) Inter-Institutions/Club Competitions.
- (6) Hola Mohalla Sports Festival.
- (7) Punjab Women Sports Festival.
- (8) Republic Day Competitions at all District Headquarters.
- (9) Maghi Sports Festival.
- (10) Baisakhi Sports Festival.
- (11) Independence Day Competitions at all District Headquarters.
- (12) All India Guru Nanak Women Hockey Tournament.
- (13) Dussehra Sports Festival.
- (14) All India Invitation Hockey Tournament.
- (15) All India Civil Services Competitions Tournaments.
- (16) Maharaja Ranjit Singh Gold Cup Hockey Tournament.
- (17) All India Jarnail Singh Memorial Cross Country Races.
- (18) Shaheed Udham Singh Memorial Boxing Tournament.
- (19) Lala Lajpat Rai Memorial Tournament.
- (20) Maharaja Ranjit Singh Sports Festival for Men.

For the accomplishment of aims and objects of the department the Director Sports is assisted by a number of Supervisory Officers and Game Coaches. The department has succeeded to a great extent in raising the standard of Sports in the State as may be evident from the results of our State teams at the National Level Competitions shown at Annexure 'A'. These results of are much better than the State ever had before including the two periods ending in 1966 when the State was reorganised and in 1947 when the country was partitioned.

ANNEXURE 'A'

Details of Sports achievements during the 9th Asian Games of the Punjab State :—

1. Sh. Kartar Singh, Wrestler, won the Silver Medal.
2. Sh. Gurbir Singh Sandhu won Silver Medal in Shooting.
3. Sh. Ranbir Singh won the Bronze Medal in Shooting.
4. Sh. Kuldip Singh won Silver Medal in Discuss Throw.
5. Sh. Balwinder Singh won Bronze Medal in Shot Put.
6. Sh. Gurtej Singh won Bronze Medal in Javeline Throw.
7. Miss Kanwal Thakur Singh won Bronze Medal in Badminton.
8. Sh. Sushil Kohli won Bronze Medal in Water Polo.
9. Sarvshri Charanjit Kumar, Jagdeep Singh Gill, Gurmail Singh and Rajinder Singh Junior were members of Silver Medalist Hockey Team.
10. Sh. Gurbachan Singh Parmar was Vice-Captain of All India Football Team.
11. Miss Rajbir Kaur, Miss Sharanjit Kaur, Miss Prithipal were selected for All India Women Hockey Team which won the Gold Medal.

Details of All India Inter-Varsity Championships

1. Guru Nanak Dev University, Amritsar won Joint Winner in Boxing and Winners in Gymnastics and Runners-up in Hockey in Men Section.
2. Panjab University, Chandigarh is runners-up in Boxing, Gymnastics, Volleyball and Cricket in Men Section.
3. Punjabi University, Patiala is runners up in Swimming in Men Section.
4. Guru Nanak Dev University, Amritsar was winner in Gymnastics, Hockey and Volleyball in Women Section.
5. Panjab University, Chandigarh is runners-up in Handball in Women Section.

Details of All India National Championships.

1. Punjab declared Joint Winner in Athletics.
2. Punjab Women Basketball Team remained Winners.
3. Punjab Body Builders Team remained runners up.
4. Punjab Jr. Wrestling Team won 1st place.

II. FINANCIAL REQUIREMENTS

(Rs. in thousands)

| A—Programme/ Activity Classification | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Direction and Administration | .. | 35,58 | 35,58 | .. | 38,74 | 38,74 | .. | 41,63 | 41,63 | .. | 45,44 | 45,44 |
| Coaching Scheme | .. | 6,59 | 6,59 | 6,00 | .. | 6,00 | 6,83 | .. | 6,83 | 7,00 | .. | 7,00 |
| Competition Scheme | .. | 3,10 | 3,10 | 4,50 | .. | 4,50 | 2,75 | .. | 2,75 | 4,50 | .. | 4,50 |
| Scholarships | 2,60 | 98 | 3,58 | 2,60 | 1,25 | 3,85 | 2,42 | 46 | 2,88 | 2,60 | 1,25 | 3,85 |
| Purchase of Sports Equipment | .. | 5,75 | 5,75 | 6,00 | .. | 6,00 | 6,00 | .. | 6,00 | 6,00 | .. | 6,00 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget, Estimates, 1982-83 | | | Revised, Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|--------------|--------------|----------------------------|--------------|--------------|-----------------------------|--------------|--------------|---------------------------|--------------|----------------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Punjab Civil Services Sports | .. | 30 | 30 | .. | 75 | 75 | .. | 30 | 30 | .. | 75 | 75 |
| Mountaineering Scheme | .. | 17 | 17 | .. | 30 | 30 | .. | 10 | 10 | .. | 30 | 30 |
| Reception to Victorious Teams | .. | .. | .. | .. | 15 | 15 | .. | 15 | 15 | .. | 15 | 15 |
| Advertisement & Publicity | .. | 5 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Establishment of State Sports Council | .. | 15,00 | 15,00 | .. | 16,00 | 16,00 | .. | 18,00 | 18,00 | .. | 16,00 | 16,00 |
| Construction of Sports Complexes | 14,76 | .. | 14,76 | 13,00 | .. | 13,00 | 13,00 | .. | 13,00 | 16,00 | .. | 16,00 |
| Sports Hostels | 4,90 | .. | 4,90 | 5,50 | .. | 5,50 | 5,50 | .. | 5,50 | 1,40 | .. | 1,40 |
| Establishment of Recreation Centres | .. | 10 | 10 | .. | 20 | 20 | .. | .. | .. | .. | 20 | .. |
| State Sports Academy | 27 | .. | 27 | 1,40 | .. | 1,40 | 73 | .. | 73 | 5,50 | .. | 5,50 |
| Total—A | 37,97 | 52,18 | 90,15 | 39,00 | 57,39 | 96,39 | 37,23 | 60,64 | 97,87 | 43,00 | 64,09 | 1,07,09 |
| B—Object-wise Classification | | | | | | | | | | | | |
| Salaries | 1,58 | 33,11 | 34,69 | 2,75 | 35,58 | 38,33 | 2,40 | 39,11 | 41,51 | 3,50 | 42,41 | 45,91 |
| Travel Expenses | 10 | 1,40 | 1,50 | 20 | 1,40 | 1,60 | 13 | 1,40 | 1,53 | 35 | 1,47 | 1,82 |
| Office Expenses | 1,07 | 64 | 1,71 | 1,10 | 84 | 1,94 | 1,20 | 84 | 2,04 | 1,20 | 89 | 2,09 |
| Wages | .. | 20 | 40 | 25 | 30 | 55 | .. | 8 | 8 | 15 | 35 | 50 |
| Rent, Rates and Taxes | .. | 30 | 30 | .. | 30 | 30 | .. | 20 | 20 | .. | 30 | 30 |
| Material and Supplies | 5,77 | .. | 5,77 | 6,00 | 30 | 6,30 | 6,00 | .. | 6,00 | 6,00 | 20 | 6,20 |
| Sports Scholarships | 2,60 | 98 | 3,58 | 2,60 | 1,25 | 3,85 | 2,42 | 46 | 2,88 | 2,60 | 1,25 | 3,85 |
| Advertisement and Publicity | .. | 5 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Grant-in-aid | 14,76 | 15,00 | 29,76 | 13,00 | 17,05 | 30,05 | 13,00 | 18,80 | 31,40 | 16,00 | 16,00 | 32,00 |
| Other Charges | 11,87 | 50 | 12,37 | 13,10 | 37 | 13,47 | 12,08 | 15 | 12,23 | 13,20 | 1,22 | 14,42 |
| Total—B | 37,97 | 52,18 | 90,15 | 39,00 | 57,39 | 96,39 | 37,23 | 60,64 | 97,87 | 43,00 | 64,09 | 1,07,09 |
| C—Sources of Financing | | | | | | | | | | | | |
| Demand No. 16 | | | | | | | | | | | | |
| Major Head "277—Education-G-Sports and Youth Welfare (a) Direction and Administration and (d) Sports and Games | 37,97 | 52,18 | 90,15 | 39,00 | 57,39 | 96,39 | 37,23 | 60,64 | 97,87 | 43,00 | 64,09 | 1,07,09 |
| Total—C | 37,97 | 52,18 | 90,15 | 39,00 | 57,39 | 96,39 | 37,23 | 60,64 | 97,87 | 43,00 | 64,09 | 1,07,09 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Direction and Administration | .. | 35,58 | 35,58 | .. | 38,74 | 38,74 | .. | 41,63 | 41,63 | .. | 45,44 | 45,44 |

The Sports Department is under overall charge of the Director Sports who is assisted by a team of officers/officials at headquarters. The policy formulation, executive direction and administrative orders are issued from Directorate which are executive by the Senior District Sports Officers and District Sports Officers and through Sports Officers in different sports disciplines.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | R | Rs | Rs | Rs | Rs | Rs |
| Coaching Scheme | .. | 6,59 | 6,59 | 6,00 | .. | 6,00 | 6,83 | .. | 6,83 | 7,00 | .. | 7,00 |

Scientific and systematic coaching at various stages is being imparted to improve the standard of various sports and prepare the sportsmen and sports women for competitions at different levels. Coaching in modern techniques has been gaining popularity gradually. It is, therefore, necessary to keep our teams/individuals abreast of the latest techniques prevalent in the world. For this purpose the Department has engaged 191 trained coaches in various sports disciplines in which coaching is being imparted at various Sports Centres and Sub-Centres. For coaching and competitions the following games are covered :—

- | | |
|----------------|---------------------|
| (1) Athletics | (11) Kabaddi |
| (2) Badminton | (12) Kho Kho |
| (3) Basketball | (13) Tennis |
| (4) Boxing | (14) Table Tennis |
| (5) Cricket | (15) Volleyball |
| (6) Football | (16) Weight Lifting |
| (7) Gymnastics | (17) Swimming |
| (8) Hockey | (18) Wrestling |
| (9) Handball | (19) Judo |
| (10) Cycling | |

The following table shows the year-wise position of camps held/to be held at various levels :—

| Serial No. | Coaching Camps | 1981-82 | 1982-83 | 1983-84 |
|------------|---------------------------------------|---------|---------|---------|
| 1. | Number of National Level Camps | .. | .. | .. |
| 2. | Number of State Level Camps | .. | 170 | 182 |
| 3. | Number of District Level Camps | .. | 457 | 460 |
| 4. | Number of Other Camps | .. | 11 | 10 |
| 5. | Total Number of Camps held/to be held | .. | 638 | 649 |
| 6. | Number of Trainees involved in camps | .. | 11,083 | 11,448 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Competition Schemes | 3,10 | .. | 3,10 | 4,50 | .. | 4,50 | 2,75 | .. | 2,75 | 4,50 | .. | 4,50 |

In order to catch the talented players at early stages the following types of competitions of men, women, boys and girls are organised throughout the year in all Sports Disciplines as mentioned under the coaching scheme :—

- (1) International Competitions.
- (2) National Level Competition.
- (3) Inter-State Competitions.
- (4) State Level Inter-District Competitions.
- (5) Inter-State Inter-District Cross Country Races.
- (6) Maharaja Ranjit Singh Gold Cup Hockey Tournament.
- (7) All India Guru Nanak Women Hockey Tournament.
- (8) Hola Mohalla Sports Festival.
- (9) Punjab Men Sports Festival.
- (10) Punjab Women Sports Festival.
- (11) Maghi Sports Festival at Muktsar.

(12) Baisakhi Sports Festival at Talwandi Sabo.

(13) Dussehra Sports Festival.

(14) Other *Ad hoc* Competitions.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Scholarships | 2,60 | 98 | 3,58 | 2,60 | 1,25 | 3,85 | 242 | 46 | 2,88 | 2,60 | 1,25 | 3,85 |

To give due recognition to all those who bring laurels for the State, the Department awards scholarships to the students and non-students. These Scholarships are awarded on the basis of their performance at the following levels/rates :—

- (1) Olympic Champions .. Rs. 250 per month
- (2) Common Wealth Champions .. Rs. 150 per month
- (3) Asian Champions/Runners and third position holders in Olympic and Common Wealth Games .. Rs. 100 per month
- (4) National/Inter Varsity Champions .. Rs. 60 per month
- (5) National Champion of All India School Games .. Rs. 50 per month
- (6) National Position holder upto 3rd position in All India Inter-Varsity National and National School Games .. Rs. 30 per month
- (7) State Champion of recognised tournament .. Rs. 25 per month

The details of the amount disbursed during the year 1981-82 to 1983-84 :—

| Year | No. of Scholarships awarded | Total amount disbursed/to be disbursed |
|---------|-----------------------------|--|
| 1981-82 | .. 778 | Rs 3,58,000 |
| 1982-83 | .. 703 | 2,88,000 |
| 1983-84 | .. Not yet decided | 3,85,000 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Purchase of Sports Equipment | .. 5,75 | .. | 5,75 | 6,00 | .. | 6,00 | 6,00 | .. | 6,00 | 6,00 | .. | 6,00 |

Latest Sports Equipment in the basis necessity because every sportsman and sportswomen cannot afford to have standard equipment of his/her own. Therefore the Sports Department provided this facility to them at various coaching centres and also during competitions and tournaments. Due to the large number of items of Sports Equipment for various games, it would not be possible to enumerate them here.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Construction of Sports Complexes .. | 14,87 | .. | 14,87 | 13,00 | .. | 13,00 | 13,00 | .. | 13,00 | 16,00 | .. | 16,00 |

Co-linked with coaching competitions is the construction of Sports Stadia, where the players to show their worth. The Punjab Sports Council has been entrusted with the responsibility of getting proper sports complexes constructed, throughout the State. For this purpose the Punjab State Sports Council gets financial assistance from the Central Government/State Government and Local Bodies.

STATEMENT SHOWING THE POSITION OF VARIOUS SPORTS COMPLEXES BEING CONSTRUCTED IN THE STATE

Projects at District Headquarters (Completed)

| Serial No. | Place | Name of the Project | Estimated cost | Amount Advanced | | Expenditure | Details of construction |
|---------------|------------|------------------------------|----------------|-----------------|---------|-------------|---|
| | | | | State | Central | | |
| (Rs. in lacs) | | | | | | | |
| 1. | Ropar | Open Stadium | 5.50 | 3.90 | 0.25 | 5.59 | Completed |
| | | Swimming Pool | 2.50 | 1.25 | .. | 2.50 | Completed |
| 2. | Patiala | Rink Hall | 2.55 | 2.55 | .. | 3.00 | Completed |
| 3. | Sangrur | Swimming Pool | 7.50 | 6.55 | 0.50 | 7.50 | Completed |
| 4. | Hoshiarpur | Indoor Stadium-cum-Rink Hall | 6.50 | 1.75 | .. | 6.50 | Completed |
| | | Swimming Pool | 1.50 | 0.65 | 0.50 | 1.50 | Completed |
| 5. | Jalandhar | Hansraj Stadium | .. | 0.90 | .. | 0.90 | This amount was given for the renovation of the stadium and has been fully utilized |
| | | Table Tennis Hall | 10.00 | 1,84,600 | .. | 10.00 | Completed. Balance amount has been spent by Municipal Corporation, Jalandhar |
| 6. | Bhatinda | Open Stadium | 10.00 | 8.50 | .. | 10.00 | Completed |
| 7. | Ludhiana | Open Stadium | 30.00 | 5.50 | .. | 25.50 | Completed |
| | | Flood Lit Basketball Courts | 5.00 | 1.00 | .. | 5.00 | Completed |
| 8. | Amritsar | Swimming Pool | 10.50 | 1.00 | .. | 10.50 | Completed |
| | | Basketball Courts | 0.25 | 0.25 | .. | 0.25 | Completed |

N.B.—On the pursuasion of the Punjab State Sports Council the Municipal Corporation, Amritsar has also completed an Indoor Stadium at an estimated cost of Rs. 4.58 lacs. Sports Council has not contributed its share.

| Serial No. | Places | Name of the Project | Estimated cost | Amount Advanced | | Expenditure | Details of construction |
|--|------------------|---------------------|----------------|-----------------|---------|-------------|---|
| | | | | State | Central | | |
| (Rs. in lacs) | | | | | | | |
| 9. | Gurdaspur .. | Indoor Stadium | 9.98 | 4.00 | .. | 9.98 | Completed |
| 10. | Faridkot .. | Open Stadium | 4,10,600 | 2.75 | .. | 4.10 | Retaining wall completed |
| Projects at Municipal Towns (completed) | | | | | | | |
| 1. | Moga .. | Indoor Stadium | 4.00 | 0.86 | 0.50 | 4.00 | Completed |
| 2. | Pathankot .. | Swimming Pool | 2.00 | 0.25 | 0037 | 2.00 | Completed |
| 3. | Sunam .. | Indoor Stadium | 6.15 | 3.50 | .. | 6.15 | Completed |
| Projects at District Headquarters | | | | | | | |
| 1. | Amritsar .. | Wrestling Stadium | 6.00 | 1.50 | .. | .. | Work in progress. Stadium will be completed during 1983-84 |
| 2. | Ferozepur .. | Open Stadium | 10.00 | 7.00 | 0.50 | 7.50 | Work in progress |
| 3. | Ludhiana .. | Swimming Pool | 10.50 | 1.00 | .. | .. | Work in progress |
| 4. | Patiala .. | Polo Ground | 0.75 | 0.50 | .. | 0.50 | Underground hydrants have been laid |
| 5. | Kapurthala .. | Open Stadium | 5.00 | 2.00 | 0.50 | 2.50 | Work in progress |
| Projects at Municipal Towns | | | | | | | |
| 1. | Nawanshehar .. | Indoor Stadium | 4.00 | 1.50 | .. | 2.00 | Stadium will be completed during 1983-84 |
| 2. | Mandi Gobindgarh | Indoor Stadium | 4.00 | .. | 0.50 | 1.00 | Ditto |
| 3. | Fatehgarh Sahib | Open Stadium | 5.00 | 1.00 | 1.00 | 2.00 | Ditto |
| 4. | Bhawanigarh .. | Open Stadium | 3.00 | 0.25 | 0.50 | 1.00 | Boundary wall has been completed. Pavilion under construction |
| 5. | Malerkotla .. | Open Stadium | 3.00 | 0.50 | 0.50 | 1.00 | Pavilion under construction |
| 6. | Longowal .. | Open Stadium | 3.00 | 0.20 | 0.50 | 0.50 | Work in progress |
| 7. | Budhlada .. | Open Stadium | 3.00 | 0.25 | .. | 0.25 | Work in progress |
| 8. | Fazilka .. | Open Stadium | 3.00 | 0.25 | .. | 0.15 | Work in progress |

STATEMENT SHOWING POSITION OF CONSTRUCTION OF VILLAGE STADIA

| Serial No. | Place | Estimated cost | Amount Advanced | | Expenditure | Details of construction | |
|---------------|----------|----------------|-----------------|---------------|-------------|-------------------------|-----------|
| | | | State Govt. | Central Govt. | | | |
| (Rs. in lacs) | | | | | | | |
| 1. | Jakhepal | .. | 1.00 | 0.15 | 0.15 | 0.30 | Completed |
| 2. | Cheema | .. | 1.00 | 0.15 | 0.15 | 0.30 | Completed |
| 3. | Bhikhi | .. | 1.00 | 0.15 | 0.15 | 0.30 | Completed |

| Serial No. | Place | Estimat- ed cost | Amount Advanced | | Expendi- ture | Details of construction |
|---------------|----------------|---------------------|-----------------|------------------|------------------|--|
| | | | State Govt. | Central Govt. | | |
| (Rs. in lacs) | | | | | | |
| 4. | Begowal | 1.00 | 0.15 | 0.15 | 0.30 | Refund |
| 5. | Issru | 1.00 | 0.25 | 0.15 | 0.40 | Work in progress |
| 6. | Sarabha | 1.00 | 0.35 | 0.15 | 0.50 | Work in progress |
| 7. | Budhewal | 1.00 | 0.20 | 0.15 | 43,763 | Completed |
| 8. | Kamalpura | 1.00 | 0.10 | 0.10 | .. | Completed |
| 9. | Dhamot | 1.00 | 0.10 | 0.10 | .. | Completed |
| 10. | Kohrian | 1.00 | 0.10 | 0.10 | 0.20 | Completed |
| 11. | Thikeiwala | 1.00 | 0.10 | .. | .. | Work in progress |
| 12. | Ubhewal | 1.00 | 0.25 | .. | 0.25 | Work in progress |
| 13. | Sarih | 1.00 | 0.10 | 0.10 | 0.20 | Completed |
| 14. | Argowal | 1.00 | 30.15 | 0.15 | .. | Work in progress. |
| 15. | Harchewal | 1.00 | 0.25 | .. | 0.15 | Work in progress |
| 16. | Araiyanwala | 1.00 | 0.10 | 0.10 | .. | Work in progress |
| 17. | Assa Buttar | 1.00 | 0.25 | .. | .. | Work could not be started as the proposed site has not yet been selected |
| 18. | Kotliablu | 1.00 | 0.25 | .. | .. | Work in progress |
| 19. | Kirianwala | 1.00 | 0.20 | .. | .. | Work in progress |
| 20. | Nihal Khera | 1.00 | 0.25 | .. | .. | Work in progress |
| 21. | Thuhi | 1.00 | 0.10 | .. | .. | Work in progress |
| 22. | Bhaj-ke-Pashor | 1.00 | 0.20 | 0.15 | 0.15 | Work in progress |
| 23. | Bhullan | 1.00 | 8,815 | .. | .. | Work in progress |
| 24. | Lopoke | 1.00 | 0.20 | 0.20 | 0.40 | Work in progress |
| 25. | Ajnala | 1.00 | 0.50 | .. | 0.50 | Work in progress |
| 26. | Shankar | 1.00 | 0.40 | 0.10 | 0.50 | Work in progress |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Sports Hostels | 4.90 | .. | 4.90 | 5.50 | .. | 5.50 | 5.50 | .. | 5.50 | 1.40 | .. | 1.40 |

In order to speed up the achievement in the field of Sports, the Department has established Sports Hostels in 23 Private Colleges, Institutions with the aim of providing continuous, regular and combined training to the students of Private Institutions. Free boarding, lodging and coaching facilities are provided in these hostels. During the year 1982-83 about 269 students were admitted in these hostels.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| State Sports Academy .. | 27 | .. | 27 | 1,40 | .. | 1,40 | 73 | .. | 73 | 5,50 | .. | 5,50 |

The Punjab contribution is well known in the Sports field in India. To improve the National Standard in Sports, it is very essential to speed up the coaching activities in the State. For this very purpose a scheme for the establishment of State Sports Academy had been sanctioned by the Punjab Government during the year 1975-76. But due to non-availability of a suitable venue the Sports Academy could not start functioning earlier. Camp office of the Academy has been started at the campus of Sports Colleges, Jullundur. Following training facilities will be provided :—

1. Refresher Courses for Coaches of Sports Department.
2. Courses to trained Junior Coaches and the interested personnel of other Departments.
3. Refresher Courses for Coaches working in other Department in the State.
4. Coaching Camps for all State/Universities teams prior to their participation in the Nationals.
5. For other *ad hoc* coaching camps and competitions.
6. Free Board and lodging will be provided to the trainees by the Department.

The staff sanctioned for the State Sports Academy is as under :—

| Serial No. | Designation of the post | Scale of pay | No. of Post |
|------------|--|----------------------------|-------------|
| | | Rs. | |
| 1 | Director | .. .. | 1 |
| 2 | Chief Athletics Coach | .. 1,200—1,700 | 1 |
| 3 | Doctor-cum-Dietician | .. 940—1,580 | 1 |
| 4 | Coaches | .. 825—1,580 | 5 |
| 5 | Hostel Warden-cum-Mess Manager | .. 570—1,080 | 1 |
| 6 | Superintendent | .. 800—1,400 | 1 |
| 7 | Assistants 3, Accountant 1, Store-keeper 1 | .. 570—1,080 | 5 |
| 8 | Ground Supervisor | .. 570—1,080 | 1 |
| 9 | Senior Scale Stenographer | .. 570—1,080 | 1 |
| 10 | Steno-Typist | .. 400—600 plus Rs 25 S.P. | 1 |
| 11 | Clerks 3, Typist 1, Care-taker 1 | .. 400—600 | 5 |
| 12 | Cooks | .. 400—600 | 2 |
| 13 | Peons 2, Ground Marker-cum-Malies 5, Attendants 4, Messaure 1, Sweeper 1 and Chowkidar 1 | 300—430 | 14 |
| 14 | Dispenser | .. 400—600 | 1 |

TECHNICAL EDUCATION DEPARTMENT

I—Introduction

At the time of partition of Punjab in 1947, there were practically no facilities available in the State in the field of Technical Education. With the achievement of Independence, a rational approach was adopted to gear up the National Economy which had hitherto been predominately agricultural in nature in the new fields of Industry as well. Technical Education in the State has to keep on its tempo and growth so as to ensure steady flow of qualified Engineer and Technicians to meet the Manpower as well as Technological requirements of both existing and emerging industries and of other employing agencies.

It is an essential impact for National Development, to play its role. The decisions of the All India Council for Technical Education on the recommendations of the Working Group will have to be implemented speedily and with imagination. The field of Technical Education, in common parlance, covers education in various Engineering trades upto graduate & Post Graduate levels as well as middle level supervisors such as diploma holders so as to create personnel duly trained to meet demands of Industry.

A Board of Technical Education was set up in the year 1958 with the Directorate of Technical Education as its executive agency with a view to promote Technical Education in the State. The States Board of Technical Education is functioning as the highest body at the State level as regards (i) all policy matters in connection with imparting of Technical Education & its future development, (ii) lying down of different courses of training etc.; (iii) holding of examinations; and (iv) co-ordination of all activities of the Department of Technical Education in this context. The functions of the Board of Technical Education in response to (ii) and (iii) are further given, in detail as below:—

- (a) To Institute diploma and certificates by prescribed courses of study, syllabus and scheme of teachings.
- (b) To affiliate Institutions for conducting the courses approved by the Board.
- (c) Arranging inspections of the Institutions either directly or through an authority to be nominated in this behalf to ensure maintenance of Standard and compliance of conditions of affiliation.
- (d) To lay down minimum qualifications including (declaration of qualifications to be considered equivalent prescribed minimum qualifications), and other conditions of admission to courses such as, standards of physical fitness, age limit and other items connected directly with academic standards.
- (e) To arrange/conduct examinations.
- (f) To prescribe condition for admission to the examination, such as, possession of qualifications prescribed for admission to a particular course, minimum percentage of attendance, standards of performance in sessional and house examinations, etc.
- (g) To lay down standards of performance for passing the examination and the method of declaration of results, awards of diplomas, etc.
- (h) To generally frame rules for the State Board Diploma Examination including conduct of examination, pass percentage, mode and frequency of compartment and final examination, etc.

The State has the following Engineering Colleges and Technical Institutions:—

DEGREE LEVEL

1. Thapar Institute of Engineering & Technology, Patiala.
2. Guru Nanak Engineering College, Ludhiana.
3. Government Engineering College is being to be set up at Jalandhar.

DIPLOMA LEVEL

1. Government Polytechnic, Amritsar.
2. Government Polytechnic, Batala.

3. Government Polytechnic, Guru Teg Bhadurgarh.
4. Jagatram Government Polytechnic, Hoshiarpur.
5. Government Polytechnic , Bhatinda.
6. Thapar Polytechnic , Patiala.
7. Ramgarhia Polytechnic, Phagwara.
8. Mehrchand Polytechnic, Jalandhar.
9. Guru Nanak Polytechnic, Ludhiana.

JUNIOR TECHNICAL SCHOOLS

1. Government Junior Technical School, Kapurthala.
2. Dayanand Junior Technical School, Jalandhar.

The admission in the above mentioned technical Institutions has been cent per cent for the last three years. Previously admission in technical Institutions was very low which resulted in reduction in the intake from 180 to 120 in diploma Institutions :—

4—Year Part Time Diploma level courses

- 1.—Diploma course in Mechanical/Civil & Electrical Engineering at Government Polytechnic, Batala.
2. Diploma course in Mechanical/Civil & Electrical Engineering at Government Polytechnic, Amritsar.
3. Diploma course in Civil/Mechanical & Electrical Engineering at Government Polytechnic, Hoshiarpur.
4. Diploma course in Mechanical Electric Engineering at Guru Nanak Polytechnic, Ludhiana.
5. Diploma course in Civil & Electrical Engineering at Thapar Polytechnic, Patiala.
6. A.M.I.E. course at Thapar Polytechnic, Patiala.

In addition to above the following course are also running in the Government Pvt. Polytechnics:—

1. Diploma course in Commercial Practice at Government Polytechnic, Hoshiarpur.
2. Diploma course in Electronics and Electrical Communication at Government Polytechnic, Hoshiarpur.
3. Diploma course in Refrigeration & Air-Conditioning at Government Polytechnic , Amritsar.
4. Diploma course in electronics and communication Engineering at Mehar Chand Polytechnic, Jalandhar.

SPECIAL TRADE DIPLOMA LEVEL INSTITUTIONS

In addition to above, Technical Institutes, the following special trade diploma level Institutions are running under the administrative control of Industrial Training Wing, Punjab but for a academic control under the State Board of Technical Education, Punjab.—

1. Government Polytechnic, for Women, Jalandhar.
2. Government Tanning Institute, Jalandhar
3. Punjab Institute of Textile Technology, Amritsar.
4. Government Institute of Garment Technology, Amritsar.

5. Government Institute of Textile Chemistry and Knitting Technology, Ludhiana.

The amount of expenditure on each student studying in Technical Institutions is as under:—

| Serial No. | Category of students | Amount spent on each student per annum | Total amount spent during the duration of the course on each student |
|------------|----------------------|--|--|
| | | Rs. | Rs. |
| 1 | Degree students | 550 | 6,600 |
| 2 | Diploma students | 350 | 4,200 |
| 3 | J.T.S. students | 165 | 495 |

There is no polytechnic meant for women in the State of Punjab under the control of this Department.

The Department of Technical Education controls and co-ordinates the technical education in public and private sectors. At present the following officers in the head office are working to run the Department.

1. *Director*.—The Department is headed by the Director, Technical Education and Industrial Training, Punjab. He directs the department and is also responsible for running its administration.

2. *Deputy Director*.—The Punjab Government has recently sanctioned the post of Deputy Director for this Directorate. He will assist the Director in all Technical matters. In addition to above, he will look after the work of Planning, Budget and Purchase of Equipment for Government or any other duty assigned to him.

3. *Assistant Director-cum-Registrar*.—The roll of Assistant Director-cum-Registrar in this Department is very important. On one hand, he assists the Director in administrative matters and on other, he controls the Examination conducted by the State Board of Technical Education, Punjab.

4. *Assistant Accounts Officer*.—There is an Assistant Accounts Officer who is discharging multifarious duties. He is a member of Punjab State Accounts Service and controls the Financial Accounts of the Department. Besides, he exercises powers of Drawing and Disbursing Officer and Financial powers delegated to him by the Director, Technical Education and Industrial Training, Punjab.

In the Government Institutions, the Principal concerned is responsible for the administration of the the Institute. He has to follow the policies and direction of this Directorate. In each Institute there are three heads of the departments who are responsible for the teaching work of their respective trades.

The private technical Institutions are governed by their managements without any interference from the Government except that the examinations, which are conducted by the State Board of Technical Education and also other policy decisions/guidelines issued by the Department, are carried out by the Management of the various private technical Institutions. It is pertinent to mention that the Director, Technical Education and Industrial Training is the member of the Managing Committee of all the Institutions. The Principals working in private Institutions are responsible for the running of administration to their respective Managing Committee.

| Serial No. | Particulars | Accounts 1981-82 | | |
|---|--|------------------|----------------|----------------|
| | | Plan | Non-Plan | Total |
| 1 | 2 | 3 | 4 | 5 |
| | | Rs | Rs | Rs |
| A—Programme/Activity Classifications | | | | |
| 1 | (a) Direction and Administration | 15 | 7,74 | 7,89 |
| 2 | (b) Technical Schools | .. | 8,22 | 8,22 |
| 3 | (c) Polytechnics (including Private Polytechnics) | 18,10 | 85,93 | 1,04,03 |
| 4 | (d) Government Engineering Colleges | .. | .. | .. |
| 5 | (e) Assistance to Non-Government Technical Colleges and Institutions | 14,70 | 46,45 | 61,15 |
| 6 | (f) Scholarships | .. | 3,65 | 3,65 |
| 7 | (g) Other Expenditure | .. | 3,00 | 3,00 |
| | Total | 32,95 | 154,99 | 187,94 |
| B—Objection wise/Classifications: | | | | |
| 1 | Salaries | 0,08 | 53,45 | 53,53 |
| 2 | Travelling Allowance | 0,01 | 0,59 | 0,60 |
| 3 | (a) Medical Reimbursement | .. | .. | .. |
| | (b) Honorarium | 0,99 | .. | 0,99 |
| 4 | Office Expenses | 0,06 | 3,64 | 3,70 |
| 5 | Material and Supply | .. | 0,55 | 0,55 |
| 6 | Scholarships | .. | 3,66 | 3,66 |
| 7 | Payment for professional and special Services | .. | 1,63 | 1,63 |
| 8 | Secret Service Expenditure | .. | 0,65 | 0,65 |
| 9 | Office Expenses Non Government Jr. Technical Schools | .. | 3,33 | 3,33 |
| 10 | Assistance to Non-Government Polytechnics | 12,30 | 40,77 | 43,07 |
| 11 | Assistance to Non-Government Engineering Colleges | 14,70 | 46,45 | 61,15 |
| 12 | Modernisation of Equipment | 1,50 | .. | 1,50 |
| 13 | Machinery and Equipment for establishment of New Government Polytechnics | 12,91 | .. | 12,91 |
| 14 | Development of Libraries | 0,20 | .. | 0,20 |
| 15 | Book Bank for poor Students | 0,20 | .. | 0,20 |
| 16 | Government Engineering Colleges | .. | .. | .. |
| 17 | Rent, Rates and Taxes | .. | 0,27 | 0,27 |
| | Total 'B' | 32,95 | 1,54,99 | 1,87,94 |
| (C) Sources of Financing | | | | |
| | Domand No. 17—Major Head "277—Educational-Technical Education" | 32,95 | 1,54,99 | 1,87,94 |

REQUIREMENT

(Rs. in thousands)

| Budget Estimates 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates 1983-84 | | |
|--------------------------|----------|---------|---------------------------|----------|---------|--------------------------|----------|---------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| 2.00 | 6.29 | 8.29 | 1.75 | 7.92 | 9.67 | 2.00 | 7.76 | 9.76 |
| .. | 7.44 | 7.44 | .. | 9.31 | 9.31 | .. | 8.54 | 8.54 |
| 11.60 | 83.85 | 95.45 | 10.79 | 1,09.77 | 1,20.56 | 16.95 | 96.33 | 113.28 |
| 40 | .. | 40 | 1 | .. | 1 | 1.50 | .. | 1.50 |
| 10.20 | 35.42 | 45.62 | 9.20 | 76.79 | 85.99 | 4.45 | 40.87 | 45.32 |
| 10 | 4.17 | 4.27 | .. | 3.77 | 3.77 | 10 | 5.96 | 6.06 |
| .. | 2.77 | 2.77 | .. | 3.28 | 3.28 | .. | 2.91 | 2.91 |
| 24.30 | 139.94 | 1,64.24 | 21.75 | 2,10.84 | 2,32.59 | 25.00 | 1,62.37 | 1,87.37 |
| 2.48 | 53.56 | 56.04 | 1.90 | 58.67 | 60.57 | 2.46 | 62.63 | 65.09 |
| 2 | 60 | 0.62 | 0.07 | 0.84 | 0.91 | 0.42 | 0.70 | 1.12 |
| 5 | 98 | 1.03 | 0.04 | 0.72 | 0.76 | 0.09 | 1.08 | 1.17 |
| 0.50 | .. | 0.50 | 1.60 | .. | 1.60 | 2.20 | 0.60 | 2.80 |
| 1.45 | 4.27 | 5.72 | 2.65 | 5.52 | 8.17 | 2.05 | 4.72 | 6.77 |
| .. | 48 | 48 | 0.01 | 0.50 | 0.51 | 1.54 | 1.50 | 3.04 |
| 0.10 | 4.17 | 4.27 | .. | 3.77 | 3.77 | 0.10 | 5.96 | 6.06 |
| .. | 1.58 | 1.58 | .. | 2.00 | 2.00 | .. | 66 | 66 |
| .. | 58 | 58 | .. | 0.58 | 0.58 | .. | 0.61 | 0.61 |
| .. | 2.40 | 2.40 | .. | 2.40 | 2.40 | .. | 2.52 | 2.52 |
| 2.30 | 35.62 | 37.92 | 2.55 | 58.77 | 61.32 | 7.45 | 40.24 | 47.69 |
| 10.20 | 35.42 | 45.62 | 7.60 | 76.79 | 84.39 | 4.15 | 40.87 | 45.02 |
| 1.40 | .. | 1.40 | 1.40 | .. | 1.40 | 2.40 | .. | 2.40 |
| 5.00 | .. | 5.00 | 3.53 | .. | 3.53 | 1.54 | .. | 1.54 |
| 0.20 | .. | 0.20 | 0.20 | .. | 0.20 | 0.40 | .. | 0.40 |
| 0.20 | .. | 0.20 | 0.20 | .. | 0.20 | 0.20 | .. | 0.20 |
| 0.40 | .. | 0.40 | .. | .. | .. | .. | .. | .. |
| .. | 0.28 | 0.28 | .. | 0.28 | 0.28 | .. | 0.28 | 0.28 |
| 24.30 | 1,39.94 | 1,64.24 | 21.75 | 2,10.84 | 2,32.59 | 25.00 | 1,62.37 | 1,87.37 |
| 24.30 | 1,39.94 | 1,64.24 | 21.75 | 2,10.84 | 2,32.59 | 25.00 | 1,62.37 | 1,87.37 |

III. EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (a) Direction and Administration | 15 | 7,74 | 7,89 | 2,00 | 6,29 | 8,29 | 1,75 | 7,92 | 9,67 | 2,00 | 7,76 | 9,76 |

The Technical Education Department is under the overall charge of the Director of Technical Education who is assisted by Deputy Director, Assistant Director-cum-Registrar, Assistant Accounts Officer and other supporting staff at the head quarter. The policy formulation, executive directions and administrative orders issued by this Directorate are executed by the Principal of Government Polytechnics situated at (1) Amritsar (2) Batala (3) Hoshiarpur (4) Guru Teg Bahadurgarh and (5) Bhatinda Government Junior Technical School, Kapurthala. This Directorate conducts the examination upto diploma level of the Institutions both Government and private situated in the State of Punjab and Union Territory of Chandigarh.

The summary of staff under Plan and Non-Plan employed at the Directorate levels is as under:—

TABLE I

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|-----------|---------|----------|-------|---------|----------|-------|---------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Class II | .. | 2 | 2 | .. | 2 | 2 | 1 | 2 | 3 |
| Class III | .. | 40 | 40 | .. | 40 | 40 | 4 | 40 | 44 |
| Class IV | .. | 10 | 10 | .. | 10 | 10 | 2 | 10 | 12 |
| Total | .. | 52 | 52 | .. | 52 | 52 | 7 | 52 | 59 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| (b) Technical Schools .. | .. | 8,22 | 8,22 | .. | 7,44 | 7,44 | .. | 9,31 | 9,31 | .. | 8,54 | 8,54 |

There are two Junior Technical Schools in the State. One Government Junior Technical School situated at Kapurthala and the other Non-Government Junior Technical School, namely, Dayanand Junior Technical School at Jalandhar. The Government Junior Technical School is under the control of this Department and Non-Government Technical School is governed by its own Managing body. The details of course/trades being taught in the Schools are as under:—

TABLE II

| Serial No. | Name of course | Duration | Annual intake | Qualifications for admission |
|------------|-------------------------------------|----------|---------------|---|
| 1 | Junior Technical School Certificate | 3-Years | 60 | Middle pass with English, Mathematics and Science |

The students opting for the trades of Carpentry, Welding, Sheet Metal, Moulder and Blacksmithy which are of 1-year duration in ITI's will have to cover the syllabii of the trade in the first and second year of the Junior Technical School and in addition he will undergo intensive training in the respective trade for a period of 12-weeks after 2nd year.

After completing 1st and 2nd year programme of Junior Technical School, the students shall appear in the Examination conducted by the Punjab School Education Board. Those who have opted for the trades of Carpentry, Welding Sheet Metal, Moulder and Blacksmithy will appear in the final trade test conducted by DGE and T at the end of 2½ years. The syllabus of these trades will be distributed over the period of 2½ years.

The students opting for the trades of Turning Machinist, Fitting and Pattern making will have to cover the syllabii of the trade in a period of 3½ years starting from 1-year onwards. The syllabii for these trades which is normally covered in a period of 2-years in the ITI's will thus be distributed over a period of 3½ years. In case of these students examination scheme is as follows.

After completing I and II year programme of Junior Technical Schools the students shall appear in the examination conducted by the Punjab School Education Board.

They will appear for the final trade test to be conducted by DGE and T at the end of 3½ years.

SCOPE

1. After passing 3rd Year (Final) Examination, the candidate becomes a competent technician.
2. A student who passes Junior Technical School Part I (2nd Year) Examination is preferred for admission to Sandwich Diploma course.
3. Students passing second year Examination are eligible for admission to the First Year of three Year Diploma course of Polytechnic.
4. The students after passing 3-Year Diploma course can appear in AMIE Examination which is recognised as equivalent to Degree in Engineering.

The summary of the staff working in Government Junior Technical School at Kapurthala is as under:—

TABLE II

| | 1981-82 | | | 1982-83 | | | 1983-84 | | |
|-------------------------------|---------|----------|-------|---------|----------|-------|---------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Principal | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| Workshop Foreman | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| Inst. Elect./Engineering Drg. | .. | 2 | 2 | .. | 2 | 2 | .. | 2 | 2 |

| | 1981-82 | | | 1982-83 | | | 1983-84 | | | |
|----------------------------------|---------|----------|-------|---------|----------|-------|---------|----------|-------|----|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| Inst. Language/Science and Math. | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| Draftsman Mechanical | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| Accountant | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| Clerks | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| Workshop Instructors | .. | .. | 8 | 8 | .. | 8 | 8 | .. | 8 | 8 |
| Instt. Punjabi/Hindi | .. | .. | 2 | 2 | .. | 2 | 2 | .. | 2 | 2 |
| Skilled Workman | .. | .. | 12 | 12 | .. | 12 | 12 | .. | 12 | 12 |
| Workshop Attendants | .. | .. | 5 | 5 | .. | 5 | 5 | .. | 5 | 5 |
| Class IV | .. | .. | 8 | 8 | .. | 8 | 8 | .. | 8 | 8 |
| Total | .. | .. | 49 | 49 | .. | 49 | 49 | .. | 49 | 49 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------|-------------------|----------|---------|---------------------------|----------|-------|----------------------------|----------|--------|---------------------------|----------|--------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (i) Polytechnic | 18,10 | 85,93 | 1,04,03 | 11,60 | 83,85 | 95,45 | 10,79 | 1,09,77 | 120,56 | 16,95 | 96,33 | 113,28 |

In the State, there are 9 Polytechnics (5 Government and 4 Non-Government) which impart Technical Education upto Diploma in Civil, Mechanical and Electrical Engineering and Government Polytechnics are under the control of this department and non-Government Polytechnics are aided to the extent of 95 : 05 of their net deficit so far as Non-plan expenditure is cancelled by the Government but are governed by their respective Managements. All these polytechnics are affiliated to the State Board of Technical Education. The name and location of each polytechnic is given as under :—

GOVERNMENT POLYTECHNICS

1. Government Polytechnic, Amritsar.
2. Government Polytechnic, Batala.
3. Government Polytechnic, Hoshiarpur.
4. Government Polytechnic, Guru Teg Bahadurgarh.
5. Government Polytechnic, Bhatinda.

NON-GOVERNMENT POLYTECHNICS

1. Thapar Polytechnic, Patiala.
2. Guru Nanak Polytechnic, Ludhiana.
3. Ramgarhia Polytechnic, Phagwara.
4. Mehar Chand Polytechnic Jalandhar.

The details of courses being taught in these Government Polytechnics are given as under :—

TABLE IV

| Serial No. | Name of the course | Duration | Annual intake | Qualification for admission | Remarks |
|------------|---|----------|---------------|--|---------|
| 1 | Diploma in Civil Engg. | 3 Years | 120 | Matric with Mathematics, English Physics and Chemistry with 45 % marks | |
| 2 | Diploma in Mechanical Engg. | Ditto | 120 | Ditto | |
| 3 | Diploma in Electrical Engg. | Ditto | 120 | Ditto | |
| 4 | Diploma course in Electronics and Communication Engg. | Ditto | 15 | Ditto | |
| 5 | Diploma in Commercial Practice | 2 Years | 90 | Matric with 45% marks | |
| 6 | Part-time Diploma course in Mechanical/ Electrical and Civil Engg. | 4 Years | 90 | Matriculates 3rd Division with Mathematics and Science and Draftsman who are Matriculate | |
| OR | | | | | |
| 7 | Diploma course in Refrigerator and Air-Conditioning at Government Polytechnic, Amritsar | | 15 | Non-Matriculates who have studied upto Matriculation Standard but have not appeared or passed the Examination (applicable to higher, skilled workmen only) subject to their passing an admission test in English, Mathematics and Science equivalent to Matriculation Standard and Draftsmen who are non-Matriculate with 2-years experience in the concerned field. | |

TABLE V

The details of courses being taught in Non-Government Polytechnics is as under :—

| Serial No. | Name of course | Duration | Annual intake | Qualification for admission | Remarks |
|------------|---|----------|---------------|--|---|
| 1 | Diploma course in Civil Engg. | 3 Years | 40/60 | Matric with Math. Physics & Chemistry with 45% marks | In all Non- Government Polys. |
| 2 | Diploma course in Mech. Engg. | 3 Years | 40/60 | Ditto | |
| 3 | Diploma course in Electrical Engg. | 3 Years | 40/60 | Ditto | |
| 4 | Diploma course in Automobile Engg. | 1 Year | 30 | Diploma in Mech. Engg. & Electrical Engineering | Only in Guru Nanak Poly., Ludhiana |
| 5 | A.M.I.E. course at Patiala | 2 Years | 90 | Diploma in Engg. | Thapar poly., Patiala |
| 6 | Part-time Diploma course in Civil, Electrical and Mech. Engg. | 4 Years | 60 each | For Admission to Part-Time Diploma in Civil/ Electrical and Mechanical | |
| 7 | Diploma course in Electronics and Communication Engg. | 3 Years | 15 | As per Table IV at Serial No. 6 | Guru Nanak Poly., Ludhiana and Thapar Poly., Patiala. Mehar Chand Poly., Jalandhar. |

TABLE VI

The Summary of the Staff working in Government Polytechnics is as under :—

| | 1981-82 | | | 1982-83 | | | 1983-84 | | | |
|---|---------|----------|-------|---------|----------|-------|---------|----------|-------|-----|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | |
| 1. Principal | .. | .. | 4 | 4 | .. | 4 | 4 | 1 | 4 | 5 |
| 2. Heads of Departments | .. | .. | 14 | 14 | .. | 14 | 14 | .. | 14 | 14 |
| 3. Lecturers | .. | .. | 30 | 30 | .. | 30 | 30 | .. | 30 | 30 |
| 4. Workshop Superintendent | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 5. Junior Lecturers | .. | .. | 18 | 18 | .. | 18 | 18 | 3 | 18 | 21 |
| 6. Drawing Instructors | .. | .. | 21 | 21 | .. | 21 | 21 | .. | 21 | 21 |
| 7. Demonstrators | .. | .. | 38 | 38 | .. | 38 | 38 | 1 | 38 | 39 |
| 8. Workshop Instructor | .. | .. | 41 | 41 | .. | 41 | 41 | .. | 41 | 41 |
| 9. Assistant Hostel Warden | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| 10. Head Draftsmen | .. | .. | 2 | 2 | .. | 2 | 2 | .. | 2 | 2 |
| 11. Draftsmen | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 12. Physical Training Instructors | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 13. Librarians | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 14. Senior Laboratory Technician | .. | .. | 1 | 1 | .. | 1 | 1 | .. | .. | .. |
| 15. Electricians | .. | .. | 2 | 2 | .. | 2 | 2 | .. | 2 | 2 |
| 16. Boiler Incharge | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 17. Mechanics | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| 18. Instrument Repairs | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 19. Fitters | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| 20. Senior Lab. Assistant/Junior Lab. Assistant | .. | .. | 6 | 6 | .. | 6 | 6 | .. | 6 | 6 |
| 21. Typewriter Mechanic | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| 22. Stenographer | .. | .. | 3 | 3 | .. | 3 | 3 | 1 | 3 | 4 |
| 23. Superintendents Grade-IV | .. | .. | 4 | 4 | .. | 4 | 4 | .. | 4 | 4 |
| 24. Accountants | .. | .. | 5 | 5 | .. | 5 | 5 | .. | 5 | 5 |
| 25. Steno-typists | .. | .. | 8 | 8 | .. | 8 | 8 | .. | 8 | 8 |
| 26. Clerks Store Keepers/Cashiers | .. | .. | 27 | 27 | .. | 27 | 27 | 2 | 27 | 29 |
| 27. Restorers | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| 28. Class IV | .. | .. | 89 | 89 | .. | 89 | 89 | 2 | 88 | 90 |
| 29. Junior Lab. Technician | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| Total | .. | .. | 343 | 343 | .. | 343 | 343 | 10 | 343 | 353 |

The increase in the above posts in Plan is due to the set up of a new Government Bhatinda during the year 1983-84.

OBJECTIVES OF THE POLYTECHNICS

The objectives of these Polytechnics are to provide technical education upto diploma level. The main aims to be fulfilled by the Diploma Holders are given below:—

1. To provide man-power requirements of industries in the various categories.
2. To provide research workers for basic and applied research and also to provide teachers to courses.
3. To provide increased opportunities for gainful employment through employment oriented courses.
4. To cater to the needs of self employment in addition to that of services employment.
5. To co-relate teaching to the needs of industry.
6. To foster a spirit enter preneurship amongst young engineers.
7. To create an awareness in young engineers about professional practice and social obligations and their inter-relationship.
8. To provide opportunities to employed personnel to improve their qualifications.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan* | Non-Plan | Total | Plan | Non-Plan | Total |
| (e) Assistance to Non-Govt. Technical Colleges and Institutions | 14,70 | 46,45 | 61,15 | 10,20 | 35,42 | 45,62 | 9,20 | 76,79 | 85,99 | 4,45 | 40,87 | 45,32 |
| Govt. Engg. Colleges.. | .. | .. | .. | 0,40 | .. | 0,40 | 0,01 | .. | 0,10 | — | .. | — |
| | .. | .. | .. | .. | .. | .. | .. | .. | 1,50 | .. | .. | 1,50 |
| Total | .. | .. | .. | 0,40 | .. | 0,40 | 0,01 | .. | 1,50 | .. | .. | 1,50 |

Govt. decided to set up a new Engg. College at Jalandhar in public Sector. Site for the establishment of Engg. College has already been selected by the Govt. Necessary notification for Acquisition of land under Section IV has already been issued. As per decision of the Govt., the classes are likely to be started from July, 1983. Visiting/Expert Committee of NRC has already visited the State for the Assessment of additional Institutions instructional/physical facilities required for the establishment of this College early in Jan. 1983.

The details of courses being taught in these Colleges is given below:—

TABLE VII

| Serial No. | Name of the course | Duration | Annual Qualifications in take for admission | Remarks |
|------------|---|----------|---|----------------------|
| | Degree Courses | | | |
| 1 | Civil | 4—Years | 120 Pre Engineering | In both the Colleges |
| 2 | Mechanical | Do | 165 Pre-Engineering | |
| 3 | Electrical | Do | 130 Do | |
| 4 | Diversified Degree course in Electronics & Electrical Communication | | | |
| 5 | Diversified Degree course in Industrial design | Do | 15 Do | |

Under the Plan Head, these Institutions are aided also for schemes such as Quality Improvement Programme, Consolidations and Development of other new schemes which are proposed in Annual Plan to be implemented.

OBJECTIVES OF THE ENGG. COLLEGES

The objectives of these Engg. Colleges are to provide technical education upto degree level. The main aims of the Degree level education are similar to those as explained above for Diploma level education.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (f) Scholarships | .. | 3,65 | 3,65 | 10 | 4,17 | 4,27 | .. | 3,77 | 3,77 | 0,10 | 5,96 | 6,06 |

Government give scholarships of following types to the students at the degree and diploma level education:—

1. Merit-cum-Means Scholarships to Degree Students:—

Ten per cent students of total approved intake are eligible for this scholarship at Rs. 100 per month on the basis of merit-cum-means.

1. Eligibility of Candidates for the award.—Those candidates who satisfy the following tests in regard to means as well as merit are eligible for the award of scholarships:—

Conditions in regard to means.—The students, income of whose family per capita does not exceed Rs. 125 p.m, from all sources are eligible for the award of scholarships.

Condition in regard to merit.—Those who become eligible on the basis of the above conditions are considered for Scholarship only if they obtain not less than 60% as indicated below:—

(i) In the case of first year students, on the result of the 1st Semester.

(ii) In the case of second and subsequent years, students on the basis of the annual examination as the case may be.

The aggregate marks for both the Semesters in a particulars Examination as the case may be.

2. **Merit and Merit-cum-Means Scholarship to Diploma Students:** Similarly, 10 per cent students of Diploma Institution are eligible for the Scholarships at Rs. 50 per month. 1/3 on Merit basis and 2/3 on Merit-cum-Means basis. The method of selection of eligible candidates is the same as prescribed for scholarships to degree students.

The expenditure on Scholarships of degree students is met from Non-Plan side at Rs. 75 per month and from Plan side Rs. 25 per month. Similarly, the expenditure on Scholarships of diploma students at Government Polytechnics is met from Non-Plan side in the ratio of 20:30 respectively.

3. **Marine and Dufferin Scholarships:** Dufferin Scholarship is available to Punjabi students studying in Trainingship Rajendra off Perry Wharf, Bombay, and Marine Scholarship is available to the Punjabi Students studying in the Directorate of Marine Engineering Training, P-19, TARATOL Road, Calcutta, at Rs. 100 per month on the basis of Merit-cum-means.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------|----------------------|----------|-------|------------------------------|----------|-------|-------------------------------|----------|-------|------------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| (g) Other expenditure | .. | 3,60 | 3,60 | .. | 2,77 | 2,77 | .. | 3,28 | 3,28 | .. | 2,91 | 291 |

The State Board of Technical Education is conducting Examination of all classes of diploma certificate courses in respect of students of the Institutions affiliated to it.

In all 12,740 candidates appeared in the Exam. held in June, 82 i.e. for the year 1981-82. Out of this 6959 candidates appeared in the final year regular and part time diploma examination in Civil, Mechanical and Electrical Engg. 2730 candidates have come out successful. The Pass percentage works out to 33.5%. In addition to above in the following other courses pass percentage is given below. In addition to above, in the following other courses, pass percentage is given below:—

| | Appeared | Passed | Percentage |
|--------------------------------------|----------|--------|------------|
| 1. Electronics & Communication Engg. | .. 82 | 45 | 54 |
| 2. Interior Decoration | .. 11 | 8 | 72 |
| 3. Commercial Practice & S. graphy | .. 112 | 32 | 28 |
| 4. Architectural Assistantship | .. 55 | 22 | 40 |
| 5. Library Science | .. 71 | 45 | 63 |
| 6. Pharmacy | .. 87 | 39 | 44 |
| 7. Junior Technical School | .. 42 | 14 | 33 |

The session for the year 1982-83 will end in the month of June, 1983. Therefore the position of this year cannot be given at this stage. The class-wise position in respect of the Polytechnic is given below:—

TABLE VIII

| Class | 1980-81 | | | 1981-82 | | |
|----------------------------------|-----------------------|---------------------|-----------|----------------------|------------------------|------------|
| | No. of studs appeared | No. of stds. passed | Pass %age | No. of stds appeared | No. of students passed | Percentage |
| 1. II-semester | 2527 | 889 | 35.2 | 1978 | 756 | 38.22 |
| 2. IV th semester (Mech.) | 716 | 233 | 32.5 | 626 | 197 | 31.47 |
| 3. IVth semester Elect. | 797 | 360 | 37.6 | 551 | 268 | 48.63 |
| 4. IV th semester Civil | 965 | 327 | 33.8 | 822 | 259 | 31 |
| 5. VIth semester Civil | 806 | 435 | 53.9 | 664 | 341 | 51 |
| 6. VIth semester Elect. | 693 | 297 | 42.9 | 508 | 324 | 63.78 |
| 7. VIth semester Mech. | 622 | 291 | 46.7 | 421 | 218 | 51.78 |
| Part time Diploma Courses | | | | | | |
| 1. II-semester (CEM) | | | | 543 | 76 | 13 |
| 2. IV-semester Civil | | | | 199 | 41 | 21 |
| 3. IV-semester Elect. | | | | 133 | 32 | 24 |
| 4. IV-semester Mech. | | | | 123 | 54 | 43 |
| 5. VI-semester Civil | | | | 69 | 13 | 18 |
| 6. VI-semester Elect. | | | | 51 | 23 | 45 |
| 7. VI-semester Mech. | | | | 80 | 37 | 46 |
| 8. VIII-semester Civil | | | | 59 | 29 | 48 |
| 9. VIII-semester Elect. | | | | 42 | 26 | 61 |
| 10. VIII-semester Mech. | | | | 90 | 36 | 40 |

INSTITUTION WISE POSITION 1981-82

| Class Name of Institute | II-semester | | | | IV- semester | | | | VI-semester | | | | | |
|---|-------------|------------|------------|------------|--------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|
| | Civil | | Elec. | | Mech. | | Civil | | Elec. | | Mech. | | | |
| | A | P | A | P | A | P | A | P | A | P | A | P | | |
| Govt. Polytechnic, Amritsar | 157 | 64 | 86 | 20 | 40 | 22 | 26 | 6 | 76 | 32 | 37 | 16 | 15 | 5 |
| Govt. Polytechnic, Batala | 203 | 60 | 104 | 11 | 80 | 25 | 52 | 11 | 76 | 36 | 66 | 27 | 28 | 12 |
| Govt. Polytechnic, Hoshiarpur | 191 | 66 | 71 | 24 | 47 | 24 | 63 | 32 | 61 | 39 | 66 | 40 | 32 | 18 |
| Govt. Polytechnic, Guru Tegh-Bahadurgarh .. | 172 | 85 | 60 | 20 | 57 | 25 | 27 | 08 | 55 | 46 | 70 | 45 | 44 | 34 |
| Central Polytechnic, Chandigarh .. | 162 | 101 | 94 | 32 | 62 | 33 | 58 | 26 | 76 | 36 | 66 | 27 | 28 | 12 |
| Mehr Chand Polytechnic, Jalandhar .. | 187 | 89 | 84 | 23 | 68 | 30 | 61 | 19 | 56 | 34 | 66 | 37 | 53 | 29 |
| Guru Nanak Polytechnic, Ludhiana .. | 289 | 115 | 107 | 46 | 95 | 44 | 93 | 25 | 81 | 46 | 85 | 48 | 72 | 43 |
| Thapar Polytechnic, Patiala | 203 | 75 | 70 | 28 | 46 | 25 | 64 | 32 | 58 | 48 | 66 | 42 | 48 | 35 |
| Ramgarhia Polytechnic, Phagwara .. | 227 | 96 | 62 | 27 | 58 | 34 | 54 | 06 | 64 | 11 | 52 | 22 | 23 | 16 |
| Total .. | 1791 | 751 | 738 | 231 | 553 | 262 | 498 | 165 | 603 | 328 | 574 | 304 | 363 | 204 |

| Part time diploma course | II-semester | | | | IV-semester | | | | VI-semester | | | | VIII-semester | | | | | | | |
|--|-------------|----|-------|----|-------------|----|-------|----|-------------|----|------|----|---------------|----|-------|----|-------|----|----|----|
| | Civil | | Elect | | Mech. | | Civil | | Elect. | | Mech | | Civil | | Elect | | Mech. | | | |
| | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | | |
| Govt. Polytechnic Amritsar .. | 97 | 12 | 30 | 09 | 29 | 10 | 14 | 07 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | |
| Govt. Polytechnic Batala .. | 86 | 08 | 42 | 08 | 27 | 06 | 18 | 04 | .. | .. | .. | .. | 22 | 05 | .. | .. | .. | 20 | 13 | |
| Central Polytechnic, Chandigarh | 190 | 23 | 31 | 05 | 16 | 06 | 29 | 17 | 44 | 10 | 18 | 10 | 30 | 18 | 38 | 15 | 19 | 09 | 27 | 09 |
| Govt. Polytechnic, Hoshiarpur ¹ | 46 | 10 | 19 | 05 | 12 | 05 | 09 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Guru Nanak Polytechnic, Ludhiana .. | 80 | 13 | .. | .. | .. | .. | 46 | 18 | .. | .. | .. | .. | 25 | 09 | .. | .. | .. | .. | 42 | 12 |
| Thapar Polytechnic, Patiala .. | 88 | 11 | 57 | 09 | 24 | 03 | .. | .. | 31 | 02 | 33 | 03 | .. | .. | 21 | 14 | 23 | 17 | .. | |

TRANSPORT DEPARTMENT

I—Introduction

The functions of the State Transport Department are two fold :—

- (i) Regulatory under the Motor Vehicles Act and Rules framed thereunder ; and
- (ii) Running of Commercial vehicles of Transport as a part of the Government's Policy of progressive Nationalisation.

For the efficient functioning of the Transport Department it has been divided into two separate and independent wings, one is the Commercial Wing which is concerned with the running of vehicles and their maintenance and the other is non-Commercial Wing concerned with the regulatory functions. Each wing of the Department is headed by a separate head of the Department. The Commercial Wing functions under the direct control and supervision of the Director, State Transport, Punjab.

2. In 1959 the Commercial Wing undertook the operation of the routes to the tune of 50 per cent of the total mileage under the 50: 50 scheme, with a view, however, to a chieve progressive Nationalisation of the Road Transport, the 50 : 50 scheme was modified,—*vide* Punjab Government Notification No. 12748-IHT-69, dated 19th November, 1969. The modified scheme envisaged the complete take over of mileage operated by the Private operators in a phased manner during the last three years of the scheme, viz., 1976-77, 1977-78 and 1978-79 by taking over 1/3rd of the mileage each year. This could not be attained due to paucity of funds.

√The fleet strength at the end of the year, 1981-82 was 2,407 buses with a daily scheduled operation of 4,89,795 K.Ms. No addition during 1982-83 was made. The fleet strength at the end of the year 1982-83 will remain 2,407 buses with a daily scheduled K.Ms. of 5,29,540.

II—FINANCIAL REQUIREMENTS

| | Accounts, 1981-82 | | |
|---|----------------------|-----------------|-----------------|
| | Plan | Non-Plan | Total |
| A—Programme/Activity Classification | Rs | Rs | Rs |
| (a) Direction and Administration—Government Transport Services— Working Expenses | .. | 3,18,48 | 3,18,48 |
| (b) Management | .. | 1,33,72 | 1,33,72 |
| (c) Operation | .. | 30,06,82 | 30,06,82 |
| (d) Repairs and Maintenance | .. | 8,34,44 | 8,34,44 |
| (e) Buildings | 71,82 | 9,40 | 81,22 |
| (f) Expansion of fleet | 1,49,71 | .. | 1,49,71 |
| (g) Replacement of old buses | 2,67,78 | .. | 2,67,78 |
| (ii) Inter-account transfer to Motor Transport Reserve Fund Claims | .. | 15,52 | 15,52 |
| (h) Machinery and Equipment | 8,20 | .. | 8,20 |
| (i) Material and Supplies | 1,85 | .. | 1,85 |
| (j) Pensions and Gratuities | .. | 9,83 | * 9,83 |
| (k) Motor Transport Depreciation Reserve Fund/Interest | .. | 7,77,50 | 7,77,50 |
| (l) Motor Transport Reserve Fund (Insurance) | .. | 26,27 | 26,27 |
| Total 'A' | 4,99,36 | 51,31,98 | 56,31,34 |
| B—Objective-wise Classification | | | |
| (1) Salaries | .. | 10,11,92 | 10,11,92 |
| (2) Travel Expenses | .. | 97,74 | 97,74 |
| (3) Office Expenses | .. | 38,44 | 38,44 |
| (4) Rents, Rates and Taxes | .. | 6,31,24 | 6,31,24 |
| (5) Major Works | 71,82 | 9,40 | 81,22 |
| (6) Minor Works | .. | .. | .. |
| (7) Machinery and Equipments | 8,20 | .. | 8,20 |
| (8) Motor Vehicles | 1,49,71 | .. | 1,49,71 |
| (9) Maintenance | .. | 23,70,76 | 23,70,76 |
| (10) Material and Supplies | 1,85 | .. | 1,85 |
| (11) Interest/Dividend | .. | 2,26,12 | 2,26,12 |
| (12) Pension and Gratuities | .. | 9,83 | 9,83 |
| (13) Motor Transport Reserve Fund (Insurance) | .. | 26,27 | 26,27 |
| (14) Motor Transport Depreciation Reserve Fund | .. | 5,51,38 | 5,51,38 |
| (15) Inter-Account transfer to MTRF (Claims) Replacement of old buses | 2,67,78 | 15,52 | 2,83,30 |
| (16) Other Charges | .. | 1,43,36 | 1,43,36 |
| Total—B | 4,99,36 | 51,31,98 | 56,31,34 |

(Rs. in thousands)

| Budget Estimates, 1982-83 | | | Revised Estimates 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|----------|----------|------------------------------|----------|----------|------------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| .. | 2,98,22 | 2,98,22 | .. | 3,42,93 | 3,42,93 | .. | 3,51,22 | 3,51,22 |
| .. | 1,64,83 | 1,63,83 | .. | 1,60,51 | 1,60,51 | .. | 1,68,88 | 1,68,88 |
| .. | 31,30,40 | 31,30,40 | .. | 31,45,15 | 31,45,15 | .. | 32,20,62 | 32,20,62 |
| .. | 9,07,25 | 9,07,25 | .. | 10,39,12 | 10,39,12 | .. | 10,65,94 | 10,65,94 |
| 1,41,00 | 8,79 | 1,49,79 | 2,66,00 | 7,55 | 2,73,55 | 1,21,00 | 7,31 | 1,28,31 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 3,12,00 | .. | 3,12,00 | 1,87,00 | .. | 1,87,00 | 3,55,20 | .. | 3,55,20 |
| .. | 18,70 | 18,70 | .. | 25,44 | 25,44 | .. | 26,34 | 26,34 |
| 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 20,80 | .. | 20,80 |
| 1,00 | .. | 1,00 | 1,00 | .. | 1,00 | 3,00 | .. | 3,00 |
| .. | 18,43 | 18,43 | .. | 23,38 | 23,38 | .. | 21,63 | 21,63 |
| .. | 7,20,78 | 7,20,78 | .. | 8,41,60 | 8,41,60 | .. | 8,62,47 | 8,62,47 |
| .. | 18,43 | 18,43 | .. | 28,37 | 28,37 | .. | 29,07 | 29,07 |
| 4,56,00 | 52,85,83 | 57,41,83 | 4,56,00 | 56,14,05 | 60,70,05 | 5,00,00 | 57,53,48 | 62,53,48 |
| .. | 10,98,98 | 10,98,98 | .. | 11,32,97 | 11,32,97 | .. | 11,64,84 | 11,64,84 |
| .. | 1,24,38 | 1,24,38 | .. | 1,11,30 | 1,11,30 | .. | 1,15,37 | 1,15,37 |
| .. | 44,65 | 44,65 | .. | 45,92 | 45,92 | .. | 45,20 | 45,20 |
| .. | 6,46,80 | 6,46,80 | .. | 6,14,65 | 6,14,65 | .. | 6,29,88 | 6,29,88 |
| 1,41,00 | 8,79 | 1,49,79 | 2,66,00 | 7,55 | 2,73,55 | 1,21,00 | 7,31 | 1,28,31 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 20,80 | .. | 20,80 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | 24,20,91 | 24,20,91 | .. | 26,09,90 | 26,09,90 | .. | 26,74,60 | 26,74,60 |
| 1,00 | .. | 1,00 | 1,00 | .. | 1,00 | 3,00 | .. | 3,00 |
| .. | 2,40,27 | 2,40,27 | .. | 2,45,86 | 2,45,86 | .. | 2,51,96 | 2,51,96 |
| .. | 18,43 | 18,43 | .. | 23,38 | 23,38 | .. | 21,63 | 21,63 |
| .. | 18,43 | 18,43 | .. | 28,37 | 28,37 | .. | 29,07 | 29,07 |
| .. | 4,80,51 | 4,80,51 | .. | 5,95,74 | 5,95,74 | .. | 6,10,51 | 6,10,51 |
| 3,12,00 | 18,70 | 3,30,70 | 1,87,00 | 25,44 | 2,12,44 | 3,55,20 | 26,34 | 3,81,54 |
| .. | 1,64,98 | 1,64,98 | .. | 1,72,97 | 1,72,97 | .. | 1,76,77 | 1,76,77 |
| 4,56,00 | 52,85,83 | 57,41,83 | 4,56,00 | 56,14,05 | 60,70,05 | 5,00,00 | 57,53,48 | 62,53,48 |

| | Accounts 1982-82 | | Total |
|---|---------------------|----------|----------|
| | Plan | Non-Plan | |
| C—Sources of Financing— | | | |
| Demand No. 37 : Major Head “338—Road and Water Transport Services (Non-Plan)” | .. | 51,31,98 | 51,31,98 |
| Demand No. 37 : Major Head—538—Capital Outlay on Road and Water Transport Services (Plan) | .. 4,99,36 | .. | 4,99,36 |
| Total—C | .. 4,99,36 | 51,31,98 | 56,31,34 |
| <i>Deduct—Recoveries</i> | .. 2,67,78 | 15,52 | 2,83,30 |
| Total | .. 2,67,78 | 15,52 | 2,83,30 |
| Net Total | .. 2,31,58 | 51,16,46 | 53,48,04 |

| Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|----------|----------|-------------------------------|----------|----------|------------------------------|----------|----------|
| Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| .. | 52,85,83 | 52,85,83 | .. | 56,14,05 | 56,14,05 | .. | 57,53,48 | 57,53,48 |
| 4,56,00 | .. | 4,56,00 | 4,56,00 | .. | 4,56,00 | 5,00,00 | .. | 5,00,00 |
| 4,56,00 | 52,85,83 | 57,41,83 | 4,56,00 | 56,14,05 | 60,70,05 | 5,00,00 | 57,53,48 | 62,53,48 |
| 3,12,00 | 18,70 | 3,30,70 | 1,87,00 | 25,44 | 2,12,44 | 3,55,20 | 26,34 | 3,81,54 |
| 3,12,00 | 18,70 | 3,30,70 | 1,87,00 | 25,44 | 2,12,44 | 3,55,20 | 26,34 | 3,81,54 |
| 1,44,00 | 52,67,13 | 54,11,13 | 2,69,00 | 55,88,61 | 58,57,61 | 1,44,80 | 57,27,14 | 58,71,94 |

III. EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|----------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (a) Direction and Administration— Govt. Transport Services Working Expenses | .. | 3,18,48 | 3,18,48 | .. | 2,98,22 | 2,98,22 | .. | 3,42,93 | 3,42,93 | .. | 3,51,22 | 3,51,22 |

The Director, State Transport, Punjab is overall incharge of the State Transport Undertaking. He is assisted by three Divisional Managers, Deputy Director, State Transport, Executive Engineer, Mechanical, Automobile Engineer, Administrative Officer, Chief Accounts Officer and Assistant Accounts Officer and other supporting staff at Headquarters.

The personnel summary is given in the table I below:—

TABLE I

| | 1981-82 | | 1982-83 | | 1983-84 | | |
|-------------------|---------|-------------------|---------|-------------------|---------|--------|-----|
| | D.S.T | Divisional Office | DST | Divisional Office | DST | D.M.S. | |
| Class I Officers | .. | 7 | 3 | 6 | 3 | 6 | 3 |
| Class II Officers | .. | 1 | 30 | 4 | 30 | 4 | 33 |
| Class III Staff | .. | 75 | 135 | 83 | 147 | 107 | 327 |
| Class IV Staff | .. | 18 | 102 | 25 | 102 | 28 | 102 |
| | | 101 | 270 | 118 | 282 | 145 | 455 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------|----------------------|----------|---------|------------------------------|----------|---------|-------------------------------|----------|---------|------------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | *Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (b) Management | .. | 1,33,72 | 1,33,72 | .. | 1,64,83 | 1,64,83 | .. | 1,60,51 | 1,60,51 | .. | 1,68,88 | 1,68,88 |

Each of the sixteen depots is headed by a General Manager, who is assisted on the Traffic side by Traffic Manager and an adequate number of Station Supervisors, the Chief Inspectors and Inspectors for checking of vehicles. Station Supervisors are posted at 1st Class Bus Stands and Sub-depots attached to a Depot and one at Headquarters of the depot. The norm for the post of Inspectors is one each for 8 posts of conductors. Each Inspector is expected to carry out effective checking of atleast 15 buses with a maximum element of surprise. Two posts of Chief Inspectors are usually provided, one for labour welfare and other for miscellaneous supervisory duties. The norm for the Ministerial staff is 0.4 per vehicle excluding supervisory staff, such as Assistant Accounts Officer, resident Senior Auditors, etc. The personnel summary is given in the table-II below :—

TABLE-II

| | 1981-82 | 1982-83 | 1983-84 |
|------------------------------------|---------|---------|---------|
| (1) General Managers .. | 16 | 16 | 16 |
| (2) Traffic Managers .. | 16 | 16 | 16 |
| (3) Assistant Accounts Officers .. | 16 | 16 | 16 |
| (4) Station Supervisors .. | 28 | 36 | 36 |
| (5) Chief Inspectors .. | 28 | 36 | 36 |
| (6) Inspectors/SS-II .. | 385 | 408 | 408 |
| (7) Ministerial Staff .. | 860 | 928 | 928 |
| (8) Class-IV Staff .. | 194 | 200 | 200 |

TABLE-III

| | 1981-82 | 1982-83 | 1983-84 |
|--|-----------|-----------|-----------|
| Number of vehicles checked/inspected by :— | | | |
| (a) Chief Inspectors .. | 26,000 | 27,000 | 28,000 |
| (b) Inspectors .. | 15,45,775 | 22,33,800 | 22,33,800 |
| Average number of buses inspected per day by Inspectors .. | 42.35 | 61.20 | 61.20 |
| Average number of buses inspected per day by an Inspector .. | 11 | 15 | 15 |
| No. of bus stands .. | 11 | 11 | 11 |
| No. of sub-depots .. | 5 | 5 | 5 |

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------|-------------------|-----------|----------|---------------------------|----------|----------|----------------------------|----------|----------|---------------------------|----------|----------|
| | Plan | Non-Plan. | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (c) Operation .. | 30,06.82 | | 30,06.82 | 31,30.40 | | 31,30.40 | 31,45.15 | | 31,15.15 | 32,20.62 | | 32,20.62 |

On 31st March, 1982 the Punjab Roadways had a fleet of 2407 buses with a scheduled mileage of 5.08 lacs Kms. daily in 16 depots each under the charge of a General Manager.

No bus is being added (under Normal Expansion) to the existing fleet of 2407 buses with daily coverage of 5.30 lacs Kms. distance during the year 1983-84.

The following figures would reveal the achievements on the operational side during the period under report :—

| Period ending | Fleet | Daily scheduled Kms. |
|------------------|-------|----------------------|
| 31st March, 1970 | 927 | 1,92,800 |
| 31st March, 1971 | 1074 | 2,23,400 |
| 31st March, 1972 | 1259 | 2,61,800 |
| 31st March, 1973 | 1405 | 2,92,200 |
| 1st March, 1974 | 1493 | 3,10,500 |
| 31st March, 1975 | 1658 | 3,37,300 |
| 31st March, 1976 | 1870 | 3,40,600 |
| 31st March, 1977 | 2101 | 3,79,400 |
| 31st March, 1978 | 2171 | 4,51,600 |
| 1st March, 1979 | 2271 | 4,72,400 |
| 31st March, 1980 | 1925 | 4,00,400 |
| 31st March, 1981 | 2351 | 4,93,710 |
| 31st March, 1982 | 2407 | 5,08,000 |
| 31st March, 1983 | 2407 | 5,30,000 |

The norm of operational staff is 1.3 for drivers and 1.3 for conductors per bus. During 1981-82 the average operational cost per kilometre was estimated 280 paise against the receipt of 256.4 Ps. per km. and from 1st April, 1982 the operational cost was 295.5 Ps. against the receipt of 256.4 Paise. The norm of receipt and expenditure is 256.4 paise and 295.5 Paise, respectively for 1983-84. Annexure 'A' gives synopsis of the working results of the Punjab Roadways.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|----------|---------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (d) Repairs and maintenance | .. | 8,34,44 | 8,34,44 | .. | 9,07,25 | 9,07,25 | .. | 10,39,12 | 10,39,12 | .. | 10,65,94 | 10,65,94 |

The Works Manager is incharge of the Workshop and assists the General Manager in assessing the requirements to tools, implements, spare parts, etc. He is responsible for the day to day

The State owned transport had a fleet of 2,407 buses on 31st March, 1982 up to the 10th November, 1969 the Transport services in the State were being run on 50 : 50 scheme basis alongwith the private operators. With the introduction of 60 : 40 scheme with effect from 1st November, 1969 more buses were added to the fleet during the years 1969-70 to 1982-83 as summarised under minor head, "(c)—Operation" thus the fleet strength as on 31st March, 1983 will remain the same i. e., 2,407 buses.

For the year 1983-84 no funds have been earmarked for additional buses. The fleet strength will thus remain as 2,407 during the year.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (g) Replacement of buses | 2,67,78 | .. | 2,67,78 | 3,12,00 | .. | 3,12,00 | 1,87,00 | .. | 1,87,00 | 3,55,20 | .. | 3,55,20 |

The period of life for various types of buses has been fixed in terms of 5.25 lacs Kms. Depreciation is charged to revenue by the straight line method and credited to MT.D.R.F. The cost of replacement of buses is met out of the said Fund. The number of buses proposed to be replaced in the year 1982-83 was 77 while in the year 1983-84, it is 148 buses approximately.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (h) Inter account Transfer of Motor Transport Reserve fund claim | .. | 15,52 | 15,52 | .. | 18,70 | 18,70 | .. | 25,44 | 25,44 | .. | 26,34 | 26,34 |

In order to meet the expenditure arising out of the claims awarded by the Motor Transport Accidents Claim Tribunal and to carry out the heavy repairs of the accidental vehicles, a provision of Rs 26,34 lacs has been made.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (h) Machinery and equipment | .. | 8,20 | 8,20 | 2,00 | .. | 2,00 | 2,00 | .. | 2,00 | 20,80 | .. | 20,80 |

With the setting up of more depots, the workshop facilities for servicing of the buses, etc. have to be provided.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (j) Pensions and Gratuities | .. | 9,83 | 9,83 | .. | 13,43 | 18,43 | .. | 23,38 | 23,38 | .. | 21,63 | 21,63 |

The contributory provident fund has been created for the non-pensioners employees of the Punjab Roadways. The contribution is made to the fund at 8.33 per cent of the emoluments of the workers and an equal contribution is made by the Government the interest at prescribed rate is credited to the accounts of the workers.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|------------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (i) Material and Supplies .. | 1,85 | .. | 1,85 | 1,00 | .. | 1,00 | 1,00 | .. | 1,00 | 3,00 | .. | 3,00 |

Under this head, the miscellaneous capital requirement of depots such as furniture/fixture etc. are provided.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (k) Motor Transport Depreciation Reserve/Fund/Interest .. | 7,77,50 | 7,77,50 | 7,77,50 | 7,20,78 | 7,20,78 | 7,20,78 | 8,41,60 | 8,41,60 | 8,41,60 | 8,62,47 | 8,62,47 | 8,62,47 |

There was a balance of Rs 321.42 lacs at the credit of this fund on 1st April, 1982. Depreciation at 2 per cent per annum for building, 8 per cent for Electrical installations, Furniture and Fittings and 10 per cent for Machinery and Miscellaneous, items is credited to this fund in addition to the depreciation of buses at 12½ per cent. It is expected that the closing balance of this fund as on 31st March, 1983 would be Rs 772.22 lacs after meeting the charges of replacement of buses, etc. during the year 1982-83. Similarly, against the total balance of Rs 1454.72 lacs, total withdrawals during 1983-84 will be Rs 3,55.20 lacs leaving a balance of Rs 10,99.52 lacs on 31st March, 1984.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (l) Motor Transport Reserve Fund (Insurance) .. | 26,27 | 26,27 | 26,27 | 18,43 | 18,43 | 18,43 | 28,37 | 28,37 | 28,37 | 29,07 | 29,07 | 29,07 |

There was a balance of Rs (—) 1.85 lacs at the credit of this fund on the 1st April, 1982. A provision of 1.5 paise per Km. is made as contribution to this fund. Payment against claims arising out of accidents are met out of this fund as also the expenditure incurred on repairs of the vehicles involved in accidents. The closing balance of this fund on 1st March, 1983 is likely to be Rs 1.12 lacs and on 31st March, 1984 Rs 4.05 lacs approximately.

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Amritsar-I

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|------------------|----------------------------|---------------------------|
| | | Rs. | Rs. | Rs. |
| 1 | (i) Capital at the beginning of the year .. | 2,93,58 | 3,01,46 | 3,06,32 |
| | (ii) Additional investment during the year .. | 7,98 | 4,86 | 34,82 |
| | Total .. | 3,01,56 | 3,06,32 | 3,41,14 |
| 2 | Total receipt .. | 2,45,27 | 2,61,48 | 2,64,27 |
| 3 | Total expenditure .. | 2,59,47 | 2,82,48 | 2,85,50 |
| 4 | Loss .. | 14,20 | 21,00 | 21,23 |
| 5 | Total value of stores including POL consumed (Rs. in thousands) .. | 1,12,26 | 1,25,44 | 1,26,78 |
| 6 | Receipt per bus per K.M. (in Ps.) .. | 240 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) .. | 251 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) .. | 95,08 | 1,01,98 | 1,03,07 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) .. | 1,03,56 | 1,01,98 | 1,03,07 |
| 10 | Total fleet strength at the end of the year .. | 125 | 128 | 128 |
| 11 | Average No. of buses on route per day .. | 112 | 128 | 128 |
| 12 | Total staff strength (in Nos.) .. | 645 | 640 | 640 |
| 13 | Break-downs per 10,000 kms. .. | 0.69 | 0.36 | 1.00 |
| 14 | Kms. covered per bus per day .. | 225 | 220 | 220 |
| 15 | Mileage per litre .. | 4.12 | 4.00 | 4.00 |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Jalandhar-I

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs. | Rs. | Rs. |
| 1 | (i) Capital at the beginning of the year | .. 3,17,36 | 3,45,88 | 3,40,88 |
| | (ii) Additional investment during the year | .. 28,52 | 4,00 | 11,39 |
| | Total | .. 3,45,88 | 3,49,88 | 3,61,27 |
| 2 | Total receipt | .. 2,71,34 | 2,76,70 | 2,72,53 |
| 3 | Total expenditure | .. 2,69,40 | 2,98,94 | 2,94,42 |
| 4 | Loss | .. + 1,94 | 22,24 | 21,89 |
| 5 | Total value of stores including POL consumed (Rs. in thousands) | 1,09,60 | 1,32,74 | 1,30,74 |
| 6 | Receipt per bus per K.M. (in Ps.) | .. 260 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K. M. (in Ps.) | .. 256 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 92,77 | 1,07,92 | 1,06,29 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | .. 1,05,08 | 1,07,92 | 1,06,29 |
| 10 | Total fleet strength at the end of the year | .. 128 | 132 | 132 |
| 11 | Average No. of buses on route per day | .. 126 | 132 | 132 |
| 12 | Total staff strength (in Nos.) | .. 603 | 660 | 660 |
| 13 | Break down per 10,000 Kms. | .. 0.41 | 0.51 | 1.09 |
| 14 | Kms. covered per bus per day | .. 238 | 220 | 220 |
| 15 | Mileage per litre. | .. 4.04 | 4.00 | 4.00 |

ANNEXURE A
WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE
Punjab Roadways, Chandigarh-I

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|---------------------|----------------------------------|---------------------------------|
| | | Rs. | Rs. | Rs. |
| 1 | (i) Capital at the beginning of the year | 2,83,46 | 3,00,38 | 3,08,64 |
| | (ii) Additional investment during the year | 16.92 | 8,26 | 15,60 |
| | Total | 3,00,38 | 3,08,64 | 3,24,24 |
| 2 | Total receipt | 2,52,46 | 2,91,14 | 2,76,66 |
| 3 | Total expenditure | 2,81,83 | 3,14,53 | 2,98,88 |
| 4 | Loss | 29,37 | 23,39 | 22,22 |
| 5 | Total value of stores including POL consumed (Rs. in thousands) | 1,22,16 | 1,39,67 | 1,32,71 |
| 6 | Receipt per bus per KM. (In Ps.) | 234 | 256.4 | 256.4 |
| 7 | Expenditure per bus per KM (In Ps.) | 260 | 195.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 99,70 | 1,13,55 | 1,07,90 |
| 9 | Average KM at the end of the year (effective) (in thousands) | 1,08,30 | 1,13,55 | 1,07,90 |
| 10 | Total fleet strength at the end of the year | 129 | 134 | 134 |
| 11 | Average No. of buses on route per day | 121 | 134 | 134 |
| 12 | Total staff strength (in Nos.) | 612 | 670 | 670 |
| 13 | Break-down per 10,000 Kms. | 0.52 | 0.60 | 1.00 |
| 14 | Kms. covered per bus per day | 242 | 220 | 220 |
| 15 | Mileage per litre | 3.84 | 4.00 | 4.00 |

Punjab Roadways, Pathankot

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs. | Rs. | Rs. |
| 1 | (i) Capital at the beginning of the year | 2,53,69 | 2,61,89 | 2,69,89 |
| | (ii) Additional investment during the year | 8,20 | 8,00 | 8,20 |
| | Total | 2,61,89 | 2,69,89 | 2,77,52 |
| 2 | Total Receipt | 3,87,68 | 4,18,96 | 4,39,75 |
| 3 | Total expenditure | 4,31,68 | 4,52,62 | 4,75,08 |
| 4 | Loss | 44,00 | 33,66 | 35,33 |
| 5 | Total value of stores including POL consumed (Rs in thousands) | 1,78,75 | 2,00,99 | 2,10,96 |
| 6 | Receipt per bus per K.M. (In Ps.) | 231 | 256.4 | 256.4 |
| 7 | Expenditure per bus per KM (In Ps) | 255 | 295.5 | 195.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 1,63,15 | 1,63,40 | 1,71,51 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 1,69,33 | 1,63,40 | 1,71,51 |
| 10 | Total fleet strength at the end of the year | 230 | 213 | 213 |
| 11 | Average No. of buses on route per day | 210 | 213 | 213 |
| 12 | Total staff strength (in Nos.) | 1003 | 1065 | 1065 |
| 13 | Breakdowns per 10,000 Kms. | 0.42 | 0.81 | 1.0 |
| 14 | Kms. covered per bus per day | 199 | 220 | 220 |
| 15 | Mileage per litre | 3.79 | 4.0 | 4.0 |

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Moga

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---------------|--|---------------------|----------------------------------|---------------------------------|
| | | Rs. | Rs. | Rs. |
| 1 | (i) Capital at the beginning of the year .. | 3,12,79 | 3,19,98 | 3,30,54 |
| | (ii) Additional investment during the year .. | 7,19 | 10,56 | 15,87 |
| | Total .. | 3,19,98 | 3,30,54 | 3,46,41 |
| 2 | Total receipts .. | 3,49,24 | 4,15,68 | 4,58,32 |
| 3 | Total expenditure .. | 4,06,77 | 4,49,07 | 4,95,14 |
| 4 | Loss .. | 57,53 | 33,39 | 36,82 |
| 5 | Total Value of stores including POL consumed (Rs in thousands) .. | 1,75,49 | 1,99,40 | 2,19,86 |
| 6 | Receipt per bus per K.M. (In Ps.) .. | 221 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (In Ps.) .. | 258 | 295.5 | 295.5 |
| 8 | Total route K. Motorage scheduled at the end of the year (in thousands) .. | 1,64,17 | 1,62,12 | 1,78,75 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) .. | 1,57,40 | 1,62,12 | 1,78,75 |
| 10 | Total fleet strength at the end of the year .. | 217 | 222 | 222 |
| 11 | Average No. of buses on route per day .. | 191 | 222 | 222 |
| 12 | Total staff strength (in Nos.) .. | 967 | 1110 | 110 |
| 13 | Break-downs per 10,000 Kms. .. | 0.59 | 1.00 | 1.00 |
| 14 | Kms. covered per bus per day .. | 203 | 220 | 220 |
| 15 | Mileage per litre .. | 4.10 | 4.00 | 4.00 |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Ludhiana

(Rs, in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates 1983-84 |
|------------|---|------------------|----------------------------|--------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year .. | 2,72,26 | 3,03,55 | 3,11,15 |
| | (ii) Additional investment during the year .. | 31,29 | 7,60 | 16,07 |
| | Total .. | 3,03,55 | 3,11,15 | 3,27,22 |
| 2 | Total receipt .. | 3,96,44 | 4,18,52 | 4,19,11 |
| 3 | Total expenditure .. | 4,17,43 | 4,52,15 | 4,52,78 |
| 4 | Loss .. | 20,99 | 33,63 | 33,67 |
| 5 | Total value of stores including POL. consumed (Rs. in thousands) .. | 1,78,82 | 2,00,77 | 2,01,05 |
| 6 | Receipt per bus per K.m. (in Ps.) .. | 246 | 256.4 | 256.4 |
| 7 | Expenditure per bus per KM. (In Ps.) .. | 258 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 1,59,72 | 1,63,23 | 1,63,46 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) .. | 1,61,57 | 1,63,23 | 1,63,46 |
| 10 | Total fleet strength at the end of the year .. | 192 | 203 | 203 |
| 11 | Average No. of buses on route per day .. | 189 | 203 | 203 |
| 12 | Total staff strength (in Nos.) .. | 923 | 1015 | 1015 |
| 13 | Break-downs per 10,000 Kms. .. | 0.32 | 0.43 | 1.0 |
| 14 | Kms. covered per bus per day .. | 241 | 220 | 220 |
| 15 | Mileage per litre .. | 3.80 | 4.00 | 4.00 |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Hoshiarpur

(Rs. in thousands)

| Serial No. | Particulars | Actuals, | Revised | Budget |
|------------|---|----------|------------|-----------|
| | | 1981-82 | Estimates, | Estimates |
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 1,96,87 | 2,02,66 | 2,17,56 |
| | (ii) Additional investment during the year | 5,79 | 14,90 | 22,02 |
| | Total | 2,02,66 | 2,17,56 | 2,39,58 |
| 2 | Total receipt | 3,67,44 | 4,39,60 | 4,76,90 |
| 3 | Total expenditure | 4,21,13 | 4,74,92 | 5,15,22 |
| 4 | Loss | 53,69 | 35,32 | 38,32 |
| 5 | Total value of stores including POL. consumed (Rs. in thousands) | 1,85,39 | 2,10,88 | 2,28,78 |
| 6 | Receipt per bus per K.M. (in Ps.) | 232 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 265 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 1,63,66 | 1,71,45 | 1,86,00 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 1,58,80 | 1,71,45 | 1,86,00 |
| 10 | Total fleet strength at the end of the year | 222 | 231 | 231 |
| 11 | Average No. of buses on route per day | 187 | 231 | 231 |
| 12 | Total staff strength (in Nos.) | 1048 | 1155 | 1155 |
| 13 | Break-downs per 10,000 Kms. | 1.04 | 1.24 | 1.00 |
| 14 | Kms. covered per bus per day | 193 | 220 | 220 |
| 15 | Mileage per litre | 3.65 | 4.00 | 4.00 |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Ferozepur

(Rs. in thousands)

| Serial No. | Particulars | Actuals 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|--------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 2,09,89 | 2,24,58 | 2,24,62 |
| | (ii) Additional investment during the year | 14,69 | 10.04 | 31,01 |
| | Total | 2,24,58 | 2,24,62 | 2,55,63 |
| 2 | Total receipt | 3,47,99 | 3,82,34 | 3,77,81 |
| 3 | Total expenditure | 3,92,33 | 4,13,06 | 4,08,16 |
| 4 | Loss | 44,34 | 30,72 | 30,35 |
| 5 | Total value of a stores including POL. consumed (Rs. in thousands) | 1,77,53 | 1,83,41 | 1,81,24 |
| 6 | Receipt per bus per K.M. (in Rs.) | 229 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 258 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year in thousands) | 1,52,39 | 1,49,12 | 1,47,35 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 1,52,19 | 1,49,12 | 1,47,35 |
| 10 | Total fleet strength at the end of the year | 178 | 183 | 183 |
| 11 | Average No. of buses on route per day | 171 | 183 | 183 |
| 12 | Total staff strength (In Nos.) | 922 | 915 | 915 |
| 13 | Break-downs per 10,000 Kms. | 0.26 | 0.28 | 1.00 |
| 14 | Kms. covered per bus per day | 234 | 220 | 220 |
| 15 | Mileage per litre | 4.00 | 4.00 | 4.00 |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Batala

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 2,01,49 | 2,30,54 | 2,43,08 |
| | (ii) Additional investment during the year | 29,05 | 12,54 | 7,30 |
| | Total | 2,30,54 | 2,43,08 | 2,50,38 |
| 2 | Total receipt | 2,28,12 | 2,80,71 | 3,03,48 |
| 3 | Total expenditure | 2,76,94 | 3,03,26 | 3,27,86 |
| 4 | Loss | 48,82 | 22,55 | 24,38 |
| 5 | Total value of stores including POL consumed (Rs. in thousands) | 1,19,59 | 1,34,66 | 1,45,58 |
| 6 | Receipt per bus per K.M. (in Ps.) | 219 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 265 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 1,19,94 | 1,09,48 | 1,18,36 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 1,04,48 | 1,09,48 | 1,18,36 |
| 10 | Total fleet strength at the end of the year | 142 | 147 | 147 |
| 11 | Average No. of buses on route per day | 122 | 147 | 147 |
| 12 | Total staff strength (in Nos.) | 737 | 735 | 735 |
| 13 | Break-downs per 10,000 Kms. | 0.61 | 1.09 | 1.00 |
| 14 | Kms. covered per bus per day | 205 | 220 | 220 |
| 15 | Mileage per litre | 3.78 | 4.00 | 4.00 |

ANNEXURE 'A'
WORKING RESULT OF PUNJAB ROADWAYS AT A GLANCE
Punjab Roadways, Tarn-taran

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year .. | 1,94,36 | 1,95,47 | 2,03,90 |
| | (ii) Additional investment during the year .. | 1,11 | 8,43 | 0,15 |
| | Total .. | 1,95,47 | 2,03,90 | 2,04,05 |
| 2 | Total receipt .. | 1,50,56 | 1,80,33 | 1,83,73 |
| 3 | Total expenditure .. | 1,79,14 | 1,94,82 | 1,98,50 |
| 4 | Loss .. | 28,58 | 14,49 | 14,77 |
| 5 | Total value of stores including POL consumed (Rs. in thousands) | 74,11 | 86,50 | 88,15 |
| 6 | Receipt per bus per (K.M. (in Ps.) .. | 209 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.m. (in Ps.) .. | 248 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) .. | 55,76 | 70,33 | 71,66 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) .. | 72,16 | 70,33 | 71,66 |
| 10 | Total fleet strength at the end of the year .. | 84 | 89 | 89 |
| 11 | Average No. of buses on route per day .. | 81 | 89 | 89 |
| 12 | Total staff strength (in Nos.) .. | 443 | 445 | 445 |
| 13 | Break-downs per 10,000 Kms. .. | 0.70 | 0.36 | 1.00 |
| 14 | Kms. covered per bus per day .. | 237 | 220 | 220 |
| 15 | Mileage per litre .. | 3.93 | 4.00 | 4.00 |

ANNEXURE 'A'
WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE
Punjab Roadways, Nawanshehar

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year .. | 2,25,58 | 2,35,01 | 2,77,80 |
| | (ii) Additional investment during the year .. | 9,43 | 42,79 | 0,15 |
| | Total .. | 2,35,01 | 2,77,80 | 2,77,95 |
| 2 | Total receipt .. | 2,90,21 | 3,21,45 | 3,26,19 |
| 3 | Total expenditure .. | 3,24,24 | 3,47,27 | 3,52,40 |
| 4 | Loss .. | 34,03 | 25,82 | 26,21 |
| 5 | Total value of stores including POL. consumed (Rs. in thousands) | 1,57,22 | 1,54,21 | 1,56,47 |
| 6 | Receipt per bus per K.M. (in Ps.) .. | 227 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) .. | 253 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) .. | 1,18,15 | 1,25,37 | 1,27,22 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) .. | 1,28,23 | 1,25,37 | 1,27,22 |
| 10 | Total fleet strength at the end of the year .. | 155 | 158 | 158 |
| 11 | Average No. of buses on route per day .. | 149 | 158 | 158 |
| 12 | Total staff strength (in Nos.) .. | 699 | 790 | 790 |
| 13 | Break-downs per 10,000 Kms. .. | 1.09 | 0.75 | 1.00 |
| 14 | Kms. covered per bus per day .. | 238 | 220 | 220 |
| 15 | Mileage per litre .. | 4.00 | 4.00 | 4.00 |

ANNEXURE 'A'
WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE
Punjab Roadways, Muktsar

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---------------|---|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 94,98 | 1,12,05 | 1,24,75 |
| | (ii) Additional investment during the year | 17,07 | 12,70 | 24,95 |
| | Total | 1,12,05 | 1,24,75 | 1,49,70 |
| 2 | Total receipt | 1,47,90 | 1,86,38 | 1,96,12 |
| 3 | Total expenditure | 1,91,35 | 2,01,35 | 2,11,88 |
| 4 | Loss | 43,45 | 14,97 | 15,76 |
| 5 | Total value of stores including POL consumed (Rs. in thousands) | 89,08 | 89,41 | 94,08 |
| 6 | Receipt per bus per K.M. (in Ps.) | 225 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 285 | 295.5 | 295.5 |
| 8 | Total route K. Meterage Scheduled at the end of the year (in thousands) | 77,06 | 72,69 | 76,49 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 67,21 | 72,69 | 76,49 |
| 10 | Total fleet strength at the end of the year | 92 | 95 | 95 |
| 11 | Average No. of buses on route per day | 81 | 95 | 95 |
| 12 | Total staff strength (in Nos.) | 473 | 475 | 475 |
| 13 | Break-downs per 10,000 Kms. | 1,54 | 1.45 | 1.00 |
| 14 | Kms. covered per bus per day | 211 | 220 | 220 |
| 15 | Mileage per litre | 3.49 | 4.00 | 4.00 |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Amritsar-II

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 39,66 | 45,92 | 49,58 |
| | (ii) Additional investment during the year | 6,26 | 3,66 | 27,42 |
| | Total | 45,92 | 49,58 | 77,00 |
| 2 | Total receipt | 2,10,25 | 2,57,45 | 2,62,19 |
| 3 | Total expenditure | 2,48,96 | 2,78,14 | 2,83,26 |
| 4 | Loss | 38,71 | 20,69 | 21,07 |
| 5 | Total value of stores including Pol. consumed (Rs. in thousands) | 1,17,12 | 1,23,50 | 1,25,79 |
| 6 | Receipt per bus per K.M. (in Ps.) | 220 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 260 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 97,16 | 1,00,41 | 1,02,26 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 95,81 | 1,00,41 | 1,02,26 |
| 10 | Total fleet strength at the end of the year | 126 | 127 | 127 |
| 11 | Average No. of buses on route per day | 113 | 127 | 127 |
| 12 | Total staff strength (in Nos.) | 595 | 635 | 635 |
| 13 | Break-downs per 10,000 Kms. | 1,18 | 0,92 | 1,00 |
| 14 | Kms. covered per bus per day | 205 | 220 | 220 |
| 15 | Mileage per litre | 3.98 | 4.00 | 4.00 |

ANNEXURE 'A'—contd.

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE—contd.

Punjab Roadways, Jalandhar II

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 55,37 | 81,85 | 87,87 |
| | (ii) Additional investment during the year | 26,48 | 6,02 | 0,30 |
| | Total | 81,85 | 87,87 | 88,17 |
| 2 | Total receipt | 2,43,45 | 2,77,24 | 2,68,40 |
| 3 | Total expenditure | 2,53,97 | 2,99,52 | 2,89,96 |
| 4 | Loss | 10,52 | 22,28 | 21,56 |
| 5 | Total value of stores including Pol. consumed (Rs. in thousands).. | 1,06,73 | 1,33,00 | 1,28,76 |
| 6 | Receipt per bus per K.M (in Ps.) | 244 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 254 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 91,37 | 1,08,13 | 104,68 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 99,90 | 1,08,13 | 104,68 |
| 10 | Total fleet strength at the end of the year | 125 | 130 | 130 |
| 11 | Average No. of buses in route per day | 121 | 130 | 130 |
| 12 | Total staff strength (in Nos.) | 595 | 650 | 650 |
| 13 | Break-down per 10,000 Kms. | 0.78 | 0.63 | 1.00 |
| 14 | Kms covered per bus per day | 228 | 220 | 220 |
| 15 | Mileage per litre | 3.89 | 4.00 | 4.00 |

ANNEXURE—'A'—*contd.*WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE—*contd.*

Punjab Roadways, Patti

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | 40,22 | 44,43 | 45,91 |
| | (ii) Additional investment during the year | 4,21 | 1,48 | 32,23 |
| | Total | 44,43 | 45,91 | 78,14 |
| 2 | Total receipt | 1,48,20 | 1,84,58 | 1,89,94 |
| 3 | Total expenditure | 1,77,48 | 1,99,41 | 2,05,20 |
| 4 | Loss | 29,28 | 14,83 | 15,26 |
| 5 | Total value of stores including Pol. consumed (Rs. in thousands) | 80,73 | 88,55 | 91,12 |
| 6 | Receipt per bus per K.M (in Ps.) | 200 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 239 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 53,19 | 71,99 | 174,08 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 74,33 | 71,99 | 74,08 |
| 10 | Total fleet strength at the end of the year | 89 | 92 | 92 |
| 11 | Average No. of buses on route per day | 86 | 92 | 92 |
| 12 | Total staff strength (in Nos.) | 428 | 460 | 460 |
| 13 | Break-downs per 10,000 Kms. | 0.67 | 0.42 | 1.00 |
| 14 | Kms covered per bus per day | 221 | 220 | 220 |
| 15 | Mileage per litre | 3.97 | 4.00 | 4.00 |

ANNEXURE 'A'—contd.

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE—contd.

Punjab Roadways, Chandigarh-II

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| 1 | (i) Capital at the beginning of the year | 18,93 | 36,42 | 47,58 |
| | (ii) Additional investment during the year | 17,49 | 11,16 | 13,09 |
| | Total | 36,42 | 47,58 | 60,67 |
| 2 | Total receipt | 2,25,33 | 2,56,58 | 2,53,94 |
| 3 | Total expenditure | 2,59,63 | 2,77,19 | 2,74,34 |
| 4 | Loss | 34,30 | 20,61 | 20,40 |
| 5 | Total value of stores including Pol. consumed (Rs. in thousands) | 1,15,50 | 1,23,09 | 1,21,81 |
| 6 | Receipt per bus per K.M. (in Ps.) | 234 | 256.4 | 256.4 |
| 7 | Expenditure per bus per K.M. (in Ps.) | 270 | 295.5 | 295.5 |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | 84,48 | 1,00,07 | 99,04 |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | 96,30 | 1,00,07 | 99,04 |
| 10 | Total fleet strength at the end of the year | 121 | 123 | 123 |
| 11 | Average No. of buses on route per day | 115 | 123 | 123 |
| 12 | Total staff strength (in Nos.) | 561 | 615 | 615 |
| 13 | Break-downs per 10,000 Kms. | 0.56 | 0.69 | 1.00 |
| 14 | Kms. covered per bus per day | 232 | 220 | 220 |
| 15 | Mileage per litre | 3.61 | 4.00 | 4.00 |

ANNEXURE 'A'—contd.

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways Director, State Transport

(Rs. in thousands)

| Serial No. | Particulars | Actuals, | Revised | Budget |
|------------|---|----------|-----------------------|-----------------------|
| | | 1981-82 | Estimates, 1982-83 | Estimates, 1983-84 |
| | | Rs | Rs | Rs |
| 1 | (i) Capital at the beginning of the year | .. | .. | .. |
| | (ii) Additional investment during the year | .. | .. | .. |
| | Total | .. | .. | .. |
| 2 | Total Receipt | .. | .. | .. |
| 3 | Total expenditure | .. | 16,45 | 20,37 |
| 4 | Loss | .. | 16,45 | 20,37 |
| 5 | Total value of stores including POL. consumed (Rs. in thousands) | .. | .. | .. |
| 6 | Receipt per bus per K.M. (In Ps.) | .. | .. | .. |
| 7 | Expenditure per bus per K.M. (In Ps.) | .. | .. | .. |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | .. | .. | .. |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | .. | .. | .. |
| 10 | Total fleet strength at the end of the year | .. | .. | .. |
| 11 | Average No. of buses on route per day | .. | .. | .. |
| 12 | Total staff strength (in Nos.) | .. | 1,01 | 1,18 |
| 13 | Break-downs per 10,000 Kms. | .. | .. | .. |
| 14 | Kms. covered per bus per day | .. | .. | .. |
| 15 | Mileage per litre | .. | .. | .. |

ANNEXURE 'A'—contd.

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways Divisional Manager, Chandigarh

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimate, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|---------------------------|---------------------------|
| 1 | (i) Capital at the beginning of the year | .. | .. | .. |
| | (ii) Additional investment during the year | .. | .. | .. |
| | Total | .. | .. | .. |
| 2 | Total receipt | .. | .. | .. |
| 3 | Total Expenditure | 1,12,35 | 1,23,23 | 1,22,96 |
| 4 | Profit/Loss | 1,12,35 | 1,23,23 | 1,22,96 |
| 5 | Total value of stores including POL. consumed (Rs. in thousands) | 1,00,96 | 1,06,56 | 1,10,27 |
| 6 | Receipt per bus per Km. (in Ps.) | .. | .. | .. |
| 7 | Expenditure per bus per K.M. (in Ps.) | .. | .. | .. |
| 8 | Total route K. Meterage scheduled at the end of the year (in thousands) | .. | .. | .. |
| 9 | Average K.M. at the end of the year (effective) (in thousands) | .. | .. | .. |
| 10 | Total fleet strength at the end of the year | .. | .. | .. |
| 11 | Average No. of buses on route per day | .. | .. | .. |
| 12 | Total staff strength (in Nos.) | .. | .. | .. |
| 13 | Break-downs per 10,000 Kms. | .. | .. | .. |
| 14 | Kms. covered per bus per day | .. | .. | .. |
| 15 | Mileage per litre | .. | .. | .. |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways Divisional Manager, Jalandhar

(Rs. in thousands)

| Serial No. | Particulars | Actuals, | Revised | Budget |
|------------|--|----------|--------------------|--------------------|
| | | 1981-82 | Estimates, 1982-83 | Estimates, 1983-84 |
| | | Rs | Rs | Rs |
| 1. | (i) Capital at the beginning of the year | .. | .. | .. |
| | (ii) Additional investment during the year | .. | .. | .. |
| | Total | .. | .. | .. |
| 2. | Total receipt | .. | .. | .. |
| 3. | Total expenditure | 91,76 | 1,03,02 | 1,06,91 |
| 4. | Profit/Loss | 91,76 | 1,03,02 | 1,06,91 |
| 5. | Total value of stores including (POL consumed) (Rs. in thousands) | 81,68 | 92,14 | 94,21 |
| 6. | Receipt per bus per K.M. (In Ps.) | .. | .. | .. |
| 7. | Expenditure per bus per K.M. (In Ps.) | .. | .. | .. |
| 8. | Total route K. Meterage scheduled at the end of the year (in thousands) | .. | .. | .. |
| 9. | Average K.M. at the end of the year (effective) (in thousands) | .. | .. | .. |
| 10. | Total fleet strength at the end of the year | .. | .. | .. |
| 11. | Average No. of buses on route per day | .. | .. | .. |
| 12. | Total staff strength (in Nos.) | .. | .. | .. |
| 13. | Break-downs per 10,000 Kms. | .. | .. | .. |
| 14. | Kms. covered per bus per day | .. | .. | .. |
| 15. | Mileage per litre | .. | .. | .. |

Punjab Roadways Divisional Manager, Ferozepur

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1. | (i) Capital at the beginning of the year | .. | .. | .. |
| | (ii) Additional investment during the year | .. | .. | .. |
| | Total | .. | .. | .. |
| 2. | Total receipt | .. | .. | .. |
| 3. | Total expenditure | 97,92 | 96,31 | 97,75 |
| 4. | Profit/Loss | 97,92 | 96,31 | 97,75 |
| 5. | Total value of stores including (POL consumed) | 88,04 | 84,98 | 86,24 |
| 6. | Receipt per bus per K.M. (In Ps.) | .. | .. | .. |
| 7. | Expenditure per bus per K.M. (In Ps.) | .. | .. | .. |
| 8. | Total route K. Meterage scheduled at the end of the year (in thousands) | .. | .. | .. |
| 9. | Average K.M. at the end of the year (effective) (in thousands) | .. | .. | .. |
| 10. | Total fleet strength at the end of the year | .. | .. | .. |
| 11. | Average No. of buses on route per day | .. | .. | .. |
| 12. | Total staff strength (in Nos.) | .. | .. | .. |
| 13. | Break-downs per 10,000 Kms. | .. | .. | .. |
| 14. | Kms. covered per bus per day | .. | .. | .. |
| 15. | Mileage per litre | .. | .. | .. |

Punjab Roadways Driver Training School

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1. | (i) Capital at the beginning of the year | .. | .. | .. |
| | (ii) Additional investment during the year | .. | .. | .. |
| | Total | .. | .. | .. |
| 2. | Total receipt | .. | .. | .. |
| 3. | Total Expenditure | 1,70 | 2,00 | 2,24 |
| 4. | Profit/Loss | 1,70 | 2,00 | 2,24 |
| 5. | Total value of stores including (POL consumed) | .. | .. | .. |
| 6. | Receipt per bus per K.M. (In Ps.) | .. | .. | .. |
| 7. | Expenditure per bus per K.M. (In Ps.) | .. | .. | .. |
| 8. | Total route K. Meterage scheduled at the end of the year (in thousands) | .. | .. | .. |
| 9. | Average K.M. at the end of the year (effective) (in thousands) | .. | .. | .. |
| 10. | Total fleet strength at the end of the year | .. | .. | .. |
| 11. | Average No. of buses on route per day | .. | .. | .. |
| 12. | Total staff strength (in Nos.) | .. | .. | .. |
| 13. | Break-downs per 10,000 Kms. | .. | .. | .. |
| 14. | Kms. covered per bus per day | .. | .. | .. |
| 15. | Mileage per litre | .. | .. | .. |

ANNEXURE 'A'

WORKING RESULTS OF PUNJAB ROADWAYS AT A GLANCE

Punjab Roadways, Government Central Workshop

(Rs. in thousands)

| Serial No. | Particulars | Actuals, | Revised | Budget |
|---------------|---|----------|-----------------------|-----------------------|
| | | 1981-82 | Estimates, 1982-83 | Estimates, 1983-84 |
| | | Rs | Rs | Rs |
| 1. | (i) Capital at the beginning of the year | .. | .. | .. |
| | (ii) Additional investment during the year | .. | .. | .. |
| | Total | .. | .. | .. |
| 2. | Total receipt | 2,45 | 4,95 | 5,10 |
| 3. | Total expenditure | 4,53 | 4,95 | 5,10 |
| 4. | Loss | 2,08 | .. | .. |
| 5. | Total value of stores including (POL consumed) | .. | .. | .. |
| 6. | Receipts per bus per K.M. (In Ps.) | .. | .. | .. |
| 7. | Expenditure per bus per K. M. (In Ps.) | .. | .. | .. |
| 8. | Total route K. Meterage scheduled at the end of the year (in thousands) | .. | .. | .. |
| 9. | Average K.M. at the end of the year (effective) (in thousands) | .. | .. | .. |
| 10. | Total fleet strength at the end of the year | .. | .. | .. |
| 11. | Average No. of buses on route per day | .. | .. | .. |
| 12. | Total staff strength (in Nos.) | .. | .. | .. |
| 13. | Break-downs per 10,000 Kms. | .. | .. | .. |
| 14. | Kms. covered per bus per day | .. | .. | .. |
| 15. | Mileage per litre | .. | .. | .. |

Punjab Roadways Total

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-82 |
|------------|--|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1. (i) | Capital at the beginning of the year .. | 30,10,49 | 32,42,07 | 33,99,07 |
| | (ii) Additional investment during the year .. | 2,31,58 | 1,57,00 | 2,55,00 |
| | Total .. | 32,42,07 | 33,99,07 | 36,54,07 |
| 2. | Total receipt .. | 42,64,33 | 48,54,09 | 49,74,44 |
| 3. | Total expenditure .. | 51,16,46 | 55,88,61 | 57,27,14 |
| 4. | Profit/Loss .. | 8,52,13 | 7,34,52 | 7,52,70 |
| 5. | Total value of stores including (POL consumed) .. | 23,70,76 | 26,09,90 | 26,74,60 |
| 6. | Receipt per bus per K.M. (In Ps.) .. | 2,30 | 256.4 | 256.4 |
| 7. | Expenditure per bus per K.M. (In Ps.) .. | 2,76 | 295.5 | 295.5 |
| 8. | Total route K. Meterage scheduled at the end of the year (in thousands) .. | 17,87,75 | 18,91,24 | 19,38,12 |
| 9. | Average K.M. at the end of the year (effective) (in thousands) .. | 18,54,65 | 18,91,24 | 19,38,12 |
| 10. | Total fleet strength at the end of the year .. | 23,55 | 24,07 | 24,07 |
| 11. | Average No. of buses on route per day .. | 2,175 | 2,407 | 2,407 |
| 12. | Total staff strength (in Nos.) .. | 11,254 | 12,035 | 12,035 |
| 13. | Break-downs per 10,000 kms. .. | 0,67 | 0,73 | 1.00 |
| 14. | Kms. covered per bus per day .. | 218 | 220 | 220 |
| 15. | Mileage per litre .. | 3.6 | 4.00 | 4.00 |

ANNEXURE 'B'
SERVICING CHART

Punjab Roadways, Amritsar-I

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--------------------------------------|---|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1. | No. of A—Servicing .. | 1,150 | 1,031 | 1,200 |
| 2. | No. of B—Servicing .. | 377 | 380 | 450 |
| 3. | No. of buses involved in accidents .. | 20 | 15 | .. |
| 4. | No. of Armatures repaired .. | 12 | 40 | 45 |
| 5. | No. of Batteries charged/replaced .. | 976 | 971 | 1,020 |
| 6. | No. of tyres retreaded .. | 460 | 418 | 450 |
| 7. | No. of engines overhauled .. | 36 | 38 | 42 |
| 8. | No. of pumps reconditioned .. | 22 | 24 | 26 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) .. | 29,03 | 39,78 | 40,20 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | 15,51 | 16,25 | 16,14 |
| Punjab Roadways, Jullundur-I | | | | |
| 1. | No. of A—Servicing .. | 994 | 1,102 | 1,100 |
| 2. | No. of B—Servicing .. | 366 | 454 | 500 |
| 3. | No. of buses involved in accidents .. | 8 | 10 | .. |
| 4. | No. of Armatures repaired .. | 126 | 177 | 200 |
| 5. | No. of Batteries .. | 265 | 364 | 364 |
| 6. | No. of tyres retreaded .. | 1,282 | 3,553 | 5,000 |
| 7. | No. of engines overhauled .. | 28 | 40 | 48 |
| 8. | No. of pumps reconditioned .. | 36 | 45 | 50 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) .. | 27,05 | 42,09 | 41,45 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | 16,59 | 17,21 | 17,71 |
| Punjab Roadways, Chandigarh-I | | | | |
| 1. | No. of A—Servicing .. | 1,312 | 1,383 | 1,400 |
| 2. | No. of B—Servicing .. | 403 | 454 | 470 |
| 3. | No. of buses involved in accidents .. | 24 | 22 | 23 |
| 4. | No. of Armatures repaired .. | 35 | 60 | 70 |
| 5. | No. of Batteries charged/replaced .. | 164 | 150 | 170 |
| 6. | No. of tyres retreaded .. | 6,75 | 8,50 | 1,000 |
| 7. | No. of engines overhauled .. | 25 | 28 | 35 |
| 8. | No. of pumps reconditioned .. | 26 | 29 | 35 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) .. | 35,48 | 44,29 | 42,08 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | 16,38 | 18,41 | 17,76 |

ANNEXURE 'B

SERVICING CHART

Punjab Roadways, Pathankot

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---------------------------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1. | No. of A—Servicing .. | 1,210 | 1,566 | 1,600 |
| 2. | No. of B—Servicing .. | 598 | 642 | 800 |
| 3. | No. of buses involved in accidents .. | 68 | 603 | 50 |
| 4. | No. of Armatures repaired .. | 35 | 49 | 85 |
| 5. | No. of Batteries .. | 140 | 121 | 150 |
| 6. | No. of tyres retreaded .. | .. | .. | .. |
| 7. | No. of engines overhauled .. | 105 | 191 | 208 |
| 8. | No. of pumps reconditioned .. | 204 | 337 | 400 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) .. | 56,14 | 63,73 | 66,89 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | 23,92 | 28,95 | 27,40 |
| Punjab Roadways, Moga | | | | |
| 1. | No. of A—Servicing .. | 1,615 | 1,519 | 1,700 |
| 2. | No. of B—Servicing .. | 510 | 500 | 600 |
| 3. | No. of buses involved in accidents .. | 45 | 40 | 43 |
| 4. | No. of Armatures repaired .. | 5 | 2 | .. |
| 5. | No. of Batteries charged/replaced .. | 168 | 121 | 200 |
| 6. | No. of tyres retreaded .. | 1,156 | 1,267 | 1,300 |
| 7. | No. of engines overhauled .. | 94 | 148 | 150 |
| 8. | No. of pumps reconditioned .. | 92 | 104 | 125 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) .. | 46,41 | 63,22 | 69,71 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 21,11 | 23,52 | 26,37 |
| Punjab Roadways Ludhiana | | | | |
| 1. | No. of A—Servicing .. | 1,838 | 1,782 | 1,870 |
| 2. | No. of B—Servicing .. | 760 | 791 | 800 |
| 3. | No. of buses involved in accidents .. | 12 | 11 | 12 |
| 4. | No. of Armatures repaired .. | 85 | 105 | 120 |
| 5. | No. of Batteries charged/replaced .. | 396 | 400 | 410 |
| 6. | No. of tyres retreaded .. | 1,169 | 1,150 | 1,200 |
| 7. | No. of engines overhauled .. | 52 | 52 | 55 |
| 8. | No. of pumps reconditioned .. | 43 | 50 | 50 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) .. | 43,49 | 63,66 | 63,74 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 20,50 | 23,38 | 24,20 |

ANNEXURE 'B'
SERVICING CHART
Punjab Roadways, Hoshiarpur

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimated, 1983-84 |
|-----------------------------------|---|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1. | No. of A—Servicing .. | 1,835 | 1,652 | 1,850 |
| 2. | No. of B—Servicing .. | 859 | 743 | 875 |
| 3. | No. of buses involved in accidents .. | 73 | 57 | 65 |
| 4. | No. of Armatures repaired .. | 150 | 132 | 155 |
| 5. | No. of Batteries charged/replaced .. | 274 | 252 | 274 |
| 6. | No. of tyres retreaded .. | 709 | 1,175 | 1,300 |
| 7. | No. of engines overhauled .. | 147 | 136 | 150 |
| 8. | No. of pumps reconditioned .. | 89 | 67 | 90 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) | 51,22 | 66,86 | 72,54 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 26,07 | 24,54 | 27,71 |
| Punjab Roadways, Ferozepur | | | | |
| 1. | No. of A—Servicing .. | 1,290 | 958 | 450 |
| 2. | No. of B—Servicing .. | 552 | 583 | 500 |
| 3. | No. of buses involved in accidents .. | 2 | 3 | 4 |
| 4. | No. of Armatures repaired .. | 95 | 108 | 110 |
| 5. | No. of Batteries charged/replaced .. | 389 | 362 | 400 |
| 6. | No. of tyres retreaded .. | 229 | 1,144 | 1,000 |
| 7. | No. of engines overhauled .. | 53 | 65 | 50 |
| 8. | No. of pumps reconditioned .. | 76 | 109 | 90 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) | 55,28 | 58,15 | 57,47 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 19,76 | 24,17 | 24,16 |
| Punjab Roadways, Batala | | | | |
| 1. | No. of A—Servicing .. | 1,077 | 1,063 | 1,100 |
| 2. | No. of B—Servicing .. | 318 | 363 | 550 |
| 3. | No. of buses involved in accidents .. | 48 | 31 | .. |
| 4. | No. of Armatures repaired .. | .. | 36 | 30 |
| 5. | No. of Batteries charged/replaced .. | 86 | 81 | 80 |
| 6. | No. of tyres retreaded .. | 252 | 512 | 600 |
| 7. | No. of engines overhauled .. | 28 | 16 | 30 |
| 8. | No. of pumps reconditioned .. | 33 | 46 | 50 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) | 33,00 | 42,70 | 46,16 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 15,70 | 17,16 | 18,82 |

ANNEXURE 'B'
SERVICING CHART
Punjab Roadways, Tarn Taran

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1. | No. of A—Servicing .. | 720 | 581 | 581 |
| 2. | No. of B—Servicing .. | 204 | 196 | 196 |
| 3. | No. of buses involved in accidents .. | 22 | 10 | 10 |
| 4. | No. of Armatures repaired .. | 26 | 29 | 29 |
| 5. | No. of Batteries charged/replaced .. | 77 | 51 | 51 |
| 6. | No. of tyres retreaded .. | 250 | 439 | 439 |
| 7. | No. of engines overhauled .. | 31 | 16 | 16 |
| 8. | No. of pumps reconditioned .. | 280 | 24 | 24 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) .. | 16,95 | 27,42 | 27,95 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 8,61 | 11,00 | 11,00 |
| | Punjab Roadways, Nawanshehar | | | |
| 1. | No. of A—Servicing .. | 1,500 | 1,590 | 1,750 |
| 2. | No. of B—Servicing .. | 504 | 560 | 575 |
| 3. | No. of buses involved in accidents .. | 26 | 14 | .. |
| 4. | No. of Armatures repaired .. | 123 | 80 | 90 |
| 5. | No. of Batteries charged/replaced .. | 450 | 500 | 550 |
| 6. | No. of tyres retreaded .. | 1,556 | 1,750 | 1,800 |
| 7. | No. of engines overhauled .. | 45 | 55 | 57 |
| 8. | No. of pumps reconditioned .. | 29 | 52 | 57 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) .. | 42,95 | 48,90 | 49,61 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 14,94 | 16,33 | 17,04 |
| | Punjab Roadways, Muktsar | | | |
| 1. | No. of A—Servicing .. | 720 | 581 | 581 |
| 2. | No. of B—Servicing .. | 204 | 196 | 196 |
| 3. | No. of buses involved in accidents .. | 22 | 17 | 10 |
| 4. | No. of Armatures repaired .. | 26 | 29 | 29 |
| 5. | No. of Batteries charged .. | 77 | 51 | 51 |
| 6. | No. of tyres retreaded .. | 250 | 439 | 439 |
| 7. | No. of engines overhauled .. | 31 | 16 | 16 |
| 8. | No. of pumps reconditioned .. | 280 | 24 | 24 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) .. | 22,65 | 28,35 | 29,83 |
| 10. | Annual expenditure on workshop (Rs in thousands) .. | 10,09 | 13,65 | 14,26 |

ANNEXURE 'B'

SERVICING CHART

Punjab Roadways, Amritsar-II

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--------------------------------------|---|------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs |
| 1. | No. of A—servicing | 948 | 972 | 1,032 |
| 2. | No. of B—servicing | 360 | 384 | 408 |
| 3. | No. of buses involved in accidents | 11 | 12 | 15 |
| 4. | No. of Armatures repaired | 3 | 8 | 11 |
| 5. | No. of Batteries charged/replaced | 120 | 122 | 126 |
| 6. | No. of tyres retreaded | 408 | 642 | 780 |
| 7. | No. of engines overhauled | 48 | 54 | 68 |
| 8. | No. of pumps reconditioned | 72 | 84 | 96 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) | 35,47 | 39,16 | 39,89 |
| 10. | Annual expenditure on workshop (Rs in thousands) | 14,19 | 18,05 | 18,30 |
| Punjab Roadways, Jullundur-II | | | | |
| 1. | No. of A—Servicing | 980 | 1,050 | 1,050 |
| 2. | No. of B—Servicing | 260 | 400 | 430 |
| 3. | No. of buses involved in accidents | 22 | 20 | .. |
| 4. | No. of Armatures repaired | 35 | 88 | 90 |
| 5. | No. of Batteries | 245 | 250 | 255 |
| 6. | No. of tyres retreated | 302 | 783 | 800 |
| 7. | No. of engines overhauled | 35 | 40 | 45 |
| 8. | No. of pumps reconditioned | 35 | 40 | 50 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) | 27,03 | 42,17 | 40,83 |
| 10. | Annual expenditure on workshop (Rs in thousands) | 14,34 | 20,39 | 20,57 |
| Punjab Roadways, Patli | | | | |
| 1. | No. of A—Servicing | 718 | 597 | 660 |
| 2. | No. of B—Servicing | 242 | 277 | 260 |
| 3. | No. of buses involved in accidents | 8 | 9 | .. |
| 4. | No. of Armatures repaired | 56 | 53 | 50 |
| 5. | No. of Batteries charged/replaced | 66 | 61 | 63 |
| 6. | No. of tyres retreated | 306 | 410 | 400 |
| 7. | No. of engines overhauled | 32 | 40 | 36 |
| 8. | No. of pumps reconditioned | 23 | 30 | 27 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs in thousands) | 20,45 | 28,07 | 28,89 |
| 10. | Annual expenditure on workshop (Rs in thousands) | 10,50 | 12,82 | 12,97 |

ANNEXURE 'B'
SERVICING CHART
Punjab Roadways, Chandigarh

| Serial No. | Particulars | Actuals, 1981-82 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|---|---------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs |
| 1. | No. of A—Servicing .. | 919 | 893 | 950 |
| 2. | No. of B—Servicing .. | 457 | 421 | 425 |
| 3. | No. of buses involved in accidents .. | 16 | 18 | 17 |
| 4. | No. of Armatures repaired .. | 32 | 122 | 100 |
| 5. | No. of Batteries charged/replaced .. | 224 | 136 | 200 |
| 6. | No. of tyres retreaded .. | 734 | 934 | 750 |
| 7. | No. of engines overhauled .. | 12 | 30 | 30 |
| 8. | No. of pumps reconditioned .. | 25 | 30 | 25 |
| 9. | Value of stores and spare parts other than (POI) consumed (Rs. in thousands) | *29,50 | 39,03 | 38,62 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | 14,13 | 15,17 | 15,65 |
| Punjab Roadways Divisional Manager, Chandigarh | | | | |
| 1. | No. of A—Servicing .. | .. | .. | .. |
| 2. | No. of B—Servicing .. | .. | .. | .. |
| 3. | No. of buses involved in accidents .. | .. | .. | .. |
| 4. | No. of Armatures repaired .. | .. | .. | .. |
| 5. | No. of Batteries .. | .. | .. | .. |
| 6. | No. of tyres retreaded .. | .. | .. | .. |
| 7. | No. of engines overhauled .. | .. | .. | .. |
| 8. | No. of pumps reconditioned .. | .. | .. | .. |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) | .. 1,00,96 | 1,06,56 | 1,10,27 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | .. | .. | .. |
| Punjab Roadways D.M., Jalandhar | | | | |
| 1. | No. of A—Servicing .. | .. | .. | .. |
| 2. | No. of B—Servicing .. | .. | .. | .. |
| 3. | No. of buses involved in accidents .. | .. | .. | .. |
| 4. | No. of Armatures repaired .. | .. | .. | .. |
| 5. | No. of Batteries charged/replaced .. | .. | .. | .. |
| 6. | No. of tyres retreaded .. | .. | .. | .. |
| 7. | No. of engines overhauled .. | .. | .. | .. |
| 8. | No. of pumps reconditioned .. | .. | .. | .. |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) | .. 81,68 | 92,14 | 94,21 |
| 10. | Annual expenditure on workshop (Rs. in thousands) .. | .. | .. | .. |

ANNEXURE 'B'
SERVICING CHART

Punjab Roadways Divisional Manager, Ferozepur

Sub. National Systems Unit,
National Institute of Educational
Planning and Administration
17-E, S.W. Aulungo Marg, Delhi-110016
DOC. No.....
Date.....

| Serial No. | Particulars | Actuals | Revised | Budget |
|--|--|------------|-----------------------|-----------------------|
| | | 1981-82 | Estimates, 1982-83 | Estimates, 1983-84 |
| | | Rs | Rs | Rs |
| 1. | No. of A—Servicing | .. | .. | .. |
| 2. | No. of B—Servicing | .. | .. | .. |
| 3. | No. of buses involved in accidents | .. | .. | .. |
| 4. | No. of Armatures repaired | .. | .. | .. |
| 5. | No. of batteries charged/replaced | .. | .. | .. |
| 6. | No. of tyre retreaded | .. | .. | .. |
| 7. | No. of engines overhauled | .. | .. | .. |
| 8. | No. of pumps reconditioned | .. | .. | .. |
| 9. | Value of stores and spares parts other than (POL) consumed (Rs. in thousands) | .. 88,04 | 84,98 | 86,24 |
| 10. | Annual expenditure on workshop (Rs. in thousands) | .. .. | .. | .. |
| Punjab Roadways, Govt. Central Workshop, Punjab | | | | |
| 1. | No. of A—Servicing | .. | .. | .. |
| 2. | No. of B—Servicing | .. | .. | .. |
| 3. | No. of buses involved in accidents | .. | .. | .. |
| 4. | No. of Armatures repaired | .. | .. | .. |
| 5. | No. of Batteries charged/replaced | .. | .. | .. |
| 6. | No. of tyre retreaded | .. | .. | .. |
| 7. | No. of engines overhauled | .. | .. | .. |
| 8. | No. of pumps reconditioned | .. | .. | .. |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) | .. 2,30 | 2,50 | 2,50 |
| 10. | Annual expenditure on workshop (Rs. in thousands) | .. 2,23 | 2,45 | 2,60 |
| Punjab Roadways, Total | | | | |
| 1. | No. of A—Servicing | .. 18,826 | 18,320 | 18,874 |
| 2. | No. of B—Servicing | .. 6,974 | 7,344 | 8,035 |
| 3. | No. of buses involved in accidents | .. 427 | 342 | 249 |
| 4. | No. of armatures repaired | .. 844 | 1,118 | 1,214 |
| 5. | No. of batteries charged/replaced | .. 4,117 | 3,993 | 4,364 |
| 6. | No. of tyres retreaded | .. 10,438 | 15,466 | 17,258 |
| 7. | No. of engines overhauled | .. 802 | 965 | 1,036 |
| 8. | No. of pumps reconditioned | .. 1,365 | 1,095 | 1,219 |
| 9. | Value of stores and spare parts other than (POL) consumed (Rs. in thousands) | .. 8,45,08 | 10,23,76 | 10,49,08 |
| 10. | Annual expenditure on workshop (Rs. in thousands) | .. 2,64,57 | 3,03,99 | 3,12,68 |

Part II

**THE PUNJAB AGRO-INDUSTRIES CORPORATION LIMITED,
CHANDIGARH**

The Punjab Agro-Industries Corporation Limited is a company registered under the Companies Act, 1956. It was incorporated on 11th February, 1966. The registered office of the Corporation is situated in the Union Territory of Chandigarh.

The main objectives of the Corporation as contained in the Memorandum of Association are to assist, undertake, finance and promote development and manufacture of agricultural inputs, implements, agricultural machinery and equipments required for agricultural, fisheries, poultry and other agro based industries in Punjab.

The Corporation engaged in the following activities for the benefit of the farming community of the Punjab State :—

- (1) Sale of Fertilizers to the Farmers.
- (2) Sale of Tractors and their Spare Parts.
- (3) Workshop facilities for repairs to the Tractors.
- (4) Manufacture and sale of Storage Bins.
- (5) Manufacture and sale of Agricultural Implements.
- (6) Manufacture and sale of Gobar Gas Plants.
- (7) Sale of Petrol, Diesel and Lubricants.
- (8) Manufacture and sale of High Density Polythene Bags for packing purposes.

The Corporation has its Head Office at Chandigarh with 12 Branches at various places in the Punjab. It has its Central stores at Ludhiana, where material is purchased in bulk and stored for supplying to various branches. The units for Agricultural Implements and Agro-Service Centres are also at Ludhiana. The Plant for manufacture of polythene bags is situated at Rajpura.

Besides, the Corporation has set up the following projects :—

- (1) Kisan Agro-Mini Sugar Mills Limited with a capacity of 200 tonnes per day at Changaliwala, District Sangrur.
- (2) Malwa Cotton Seed Products Limited, Doomwali, District Ferozepur.
- (3) Punjab Agro-Rice Bran Extractions Limited, Guru Harsahai, District Ferozepur.
- (4) Punjab Agro-Fruit and Vegetable Products Limited, Abohar.
- (5) Pesticides Formulation Plant, Ludhiana.

FINANCIAL PERFORMANCE/REQUIREMENTS

(Rs. in thousands)

| Serial No. | Programme Activity/Classification | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|-----------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs | Rs |
| 1 | Setting up of Diesel/Petrol Pumps | .. | 10,00 | 5,00 | 2,00 |
| 2 | Fertilizer | 26,02,46 | 30,00,00 | 25,00,00 | 31,88,00 |
| 3 | Spare Parts, Tyres, Tubes | 15,35 | 25,00 | 25,00 | 50,00 |

(ii)

| Serial No. | | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|-----------------------------------|-------------------|---------------------------|----------------------------|---------------------------|
| 4 | Motor Spirit, HSD & Lubricants | 1,89,71 | 2,48,00 | 2,06,00 | 2,00,00 |
| 3 | Major Repairs Workshop | 58 | 1,00 | 1,00 | 2,00 |
| 6 | Implements | 61,32 | 55,00 | 50,00 | 75,00 |
| 7 | Tools and Equipment | 3,48 | 2,00 | 2,00 | 2,00 |
| 8 | Tractors | 4,64,30 | 8,00,00 | 9,00,00 | 12,00,00 |
| 9 | HDPE Plant | 29,84 | 20,00 | 20,00 | 30,00 |
| 10 | Agro-Service Centre | .. | 3,00,00 | 2,30,00 | 3,15,00 |
| 11 | Citrus Fruit Plant | .. | 17,00 | 22,70 | 18,11 |
| 12 | Pesticides Formulation Unit | 32 | 15,00 | 15,00 | 15,00 |
| 13 | Punjab Energy Devices Ltd. | .. | .. | .. | 20,80 |
| 14 | Administrative and Other Expenses | 1,09,08 | 1,01,00 | 1,00,00 | 1,85,00 |

QUANTATIVE PERFORMANCE

| | Budget Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-----------------|---------------------------|---------------------------|
| 1. Fertilizers | 1,20,000 M.Ts. | 1,25,000 M.Ts. |
| 2. Tractors | 1,200 Nos. | 2,000 Nos. |
| 3. Motor Spirit | 4,50,000 Lts. | 4,80,000 Lts. |
| 4. H.S.D. | 55,00,000 Lts. | 55,00,000 Lts. |
| 5. M. Oil | 35,000 Lts. | 40,000 Lts. |

Sources of Financing :

The entire expenditure on the activities of the Corporation is financed from the Share Capital, Loans and Credit arrangements established with the banks as detailed below :—

(Rs. in thousands)

1980-81

(a) Share Capital :

(i) Government of India

.. 1,20,00

(ii) Punjab Government

.. 1,74,00

(b) Borrowings—

• Punjab Government

.. 3,08,75

Banks as on 31st May, 1981 :

U.C.O.

.. 23,13

I.O.B.

.. 40,90

(iii)

The amount of share capital is revolved round the year according to availability of funds and the sale proceeds are time and again invested in purchases. This process goes on round the year, according to the requirements and availability of material and funds.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-----------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Setting up of Diesel/Petrol Pumps | .. | 10,00 | 5,00 | 2,00 |

The Corporation has already 9 diesel and petrol pumps (as under) in the State to provide unadulterated diesel and petrol and lubricants to the farmers :—

- (1) Ludhiana.
- (2) Sudhar, District Ludhiana.
- (3) Behram, District Jullundur.
- (4) Fatehgarh Churian, District Gurdaspur.
- (5) Fatehgarh, District Sangrur.
- (6) Ahrana Kalan, District Hoshiarpur.
- (7) Ghuman, District Gurdaspur.
- (8) Kotli Surat Malhi, District Gurdaspur.
- (9) Gharat Nagoke, District Amritsar.

One more petrol pump is also proposed to be set up during the year 1983-84. The matter has been taken up with I.O.C. for obtaining necessary licence etc.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Fertilizer | .. 26,02,46 | 30,00,00 | 25,00,00 | 31,88,00 |

Sale of Fertilizer to farmers in the State is one of the major activities of the Corporation. Both pool and non-pool fertilizer is sold through the Corporation. For this purpose, the Corporation has opened Sale Centres and also Agro-Service Centres run by Unemployed Engineers. The Corporation is running its own Sale Centres at the following places :—

| Serial No. | Name of the Branch | Location of Fert. Sale Centre |
|---------------|--------------------|---|
| 1 | Amritsar | 1. Tarn Taran. 2. Amritsar-I (Jullundur Road) 3. Amritsar-II. 4. Rayya-II. 5. Majitha. 6. Ajnala. 7. Mehta Chowk. |

| Serial No. | Name of the Branch | Location of Fert. Sale Centre |
|------------|--------------------|---|
| 2 | Bhatinda | 1. Bhatinda. 2. Mansa. 3. Rampuraphool. 4. Maur. 5. Sardulgarh. 6. Rama Mandi. 7. Goiana. 8. Budhlada. 9. Bhagta Bhai Ka. |
| 3 | Ferozepur | 1. Ferozepur. 2. Makhu. 3. Abohar. 4. Talwandi-Bhai. 5. Guruharsahai. 6. Mamdot. 7. Mallanwala. 8. Fazilka. 9. Kotise Khan. |
| 4 | Faridkot | 1. Muktsar. 2. Faridkot. 3. Kotkapura. 4. Moga. 5. Malout. 6. Baghapurana. |
| 5 | Gurdaspur | 1. Gurdaspur. 2. Dera Baba Nanak. 3. Batala. 4. Fatehgarh Churian. 5. Qadian. 6. Dhariwal. 7. Dina Nagar. |
| 6 | Hoshiarpur | 1. Hoshiarpur. 2. Tanda Urmar. 3. Mukerian. 4. Dasuya. 5. Bhogpur. |
| 7 | Jalandhar | 1. Jalandhar. 2. Shahkot. 3. Phillaur. 4. Banga. 5. Nakodar. |
| 8 | Kapurthala | 1. Kapurthala. 2. Sultanpur Lodhi. 3. Phagwara. 4. Dhilwan. |
| 9 | Ludhiana | 1. Ludhiana. 2. Khanna. 3. Jagraon. 4. Kullampur. 5. Raikot. 6. Samrala. |

| Serial No. | Name of the Branch | Location of Fert. Sale Centre |
|------------|--------------------|--|
| 10 | Ropar | 1. Morinda. 2. Kharar. 3. Chamkaur Sahib. 4. Bassi Pathana. |
| 11 | Sangrur | 1. Sangrur. 2. Barnala. 3. Sunam. 4. Malerkotla. 5. Bhawanigarh. 6. Tapa. 7. Dhuri. 8. Lehragaga. 9. Ahmedgarh. 10. Amargarh. |
| 12 | Patiala | 1. Patiala. 2. Samana. 3. Sirhind. 4. Nabha. 5. Rajpura. 6. Devigarh. 7. Patran. |

(Rs. in thousands)

| | Accounts, 1980-81 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Spare Parts, Tyres and Tubes | 13,35 | 25,00 | 25,00 | 50,00 |

The Corporation purchases spare parts, tyres and tubes of tractors of all makes from the manufacturers for sale to farmers for repairing their tractors. For this purpose, the Corporation has 21 show-rooms in the State. It is hoped that spare parts etc., valuing Rs. 2 lakhs will be sold during the year 1983-84.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Major Repairs Workshop | 58 | 1,00 | 1,00 | 2,00 |

For providing expert repair service to the farmers, the Corporation is maintaining 21 Repairs Workshops in the State where repair is carried out with genuine spare parts either imported or purchased from the manufacturers.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Implements Workshop (Base Workshop for manufacture of implements, Storage Bins and Gobar Gas Plant) | 61,52 | 50,00 | 50,00 | 75,00 |

The Corporation is running a Manufacturing Workshop at Ludhiana for manufacturing common type tractor drawn implements like harrows, tillers, rotators, paddy planters, manure planters, threshers, grain storage bins and gobar gas plants for sale to the farmers at subsidised rates. These items are supplied at destinations for the convenience of the farmers.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|----------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Tools and Equipments | 3,48 | 2,00 | 2,00 | 2,00 |

The base workshop at Ludhiana was completed in the year 1971, but the work of providing equipment and machinery for fuel injection and nozzle griding still remains. An expenditure of Rs. 2 lakhs as proposed to be incurred on these items during the year 1982-83.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|----------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| Tractors | 4,64,30 | 8,00,00 | 6,56,00 | 12,00,00 |

The Corporation deals in the following makes and models of tractors :—

- (a) International (B—275 and 444).
- (b) HMT Zetor 2511 and 5911.
- (c) Kirloskar.
- (d) Universal.

It is estimated that the Corporation will sell about 2,000 tractors during the year 1983-84.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| H.D.P.E. Plant, Rajpura | 29,84 | 20,00 | 20,00 | 30,00 |

(vii)

The Corporation has set up a plant at Rajpura for manufacture of High Density Polythene Bags. These bags are very useful for packing such materials as required prevention from weather effects. It is estimated that the plant will manufacture and sell bags valuing Rs. 30 lakhs during the year 1983-84.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|----------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Agro-Service Centres | | 3,00,00 | 2,30,00 | 3,15,00 |

In order to provide essential agricultural inputs and other facilities at the door step of farmers and also to provide employment to the educated unemployed persons, the Corporation is helping in the establishment of Agro-Service Centres in rural areas under Centrally as well as State sponsored scheme. The number of centres established under the scheme are as under :-

| | | |
|--|----|-----|
| Under Centrally Sponsored Scheme up to 1977-78 | .. | 321 |
| Under State Sponsored Scheme up to May, 1981 | .. | 401 |

The scheme has been submitted to the Punjab Government.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Punjab Agro-Fruit and Vegetables Products Limited | | 17,00 | 22,70 | 18,11 |

The Punjab Agro is setting up a 10 tonnes shit (Malta, Orange) and 6 tonnes shit (Tomato) Processing Complex at Abohar at a total capital cost of about 87.5 lakhs for the manufacture of malta concentrate squashes, marimelade, orange oil, cattle feed, tomato puree, tomato seeds etc.

The Department of Agriculture, Punjab has transferred 8 acres of land out of the land comprising the Government Soed Farm at Abohar for the setting up of this project. A separate Company under the name and style of M/s. Punjab Agro-Fruit and Vegetables Products Limited has been got incorporated for the expeditious implementation of the Project. The State Financial Institutions have been requested to grant term loans. Boundary wall and fencing has been got done around the site. The CFTRI has submitted the techno-economic feasibility report. As per tentative schedule of implementation the project shall be completed by the end of December, 1983.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Punjab Agro-Rice Bran Extractions Limited | .. | 3,99 | 11,80 | 17,70 |

(viii)

The PAIC is setting up 100 TPD Rice Bran Processing Complex at Guruharsahai at a total capital cost of Rs. 91.15 lakhs for the manufacture of Rice Bran Oil, De-Oiled Rice Bran and Soap Stock. As independent company under the name and style of M/s. Punjab Agro-Rice Bran Extractions Limited has been got incorporated in the Public Sector for its implementation. The plant will be ready for commissioning by the end of December, 1983.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Cotton Seed Processing Plant | 9,50 | .. | .. | .. |

The PAIC is has set up a 100 TPD Cotton Seed Processing Complex at Doomwali in collaboration with PSIDC on 50 : 50 equity participation basis for the manufacture of cotton seed oil, de-oiled cotton seed cakes, cotton lints, husk, soap stock etc. A company in the name and style of M/s. Malwa Cotton Seed Products Limited has got incorporated in the Public Sector for its implementation.

The total project cost has been estimated at Rs. 154 lakhs by the State Financial Institution. The PAIC has already contributed its shares towards to our equity of capital of the Company and accordingly the PSIDC has also paid its contribution. The project is at its completion stage.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-------------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Kisan Agro-Mini Sugar Mills Limited | 4,71 | .. | .. | .. |

The PAIC has set up a 2,00 TPD Mini Sugar (Khandsari) Plant at Changliwala, District Sangrur with the name and style of M/s. Kisan Agro-Mini Sugar Mills Limited for the manufacture of Sulphur Sugar Grade I, II, III and Mollasses has been got incorporated in the Public Sector for its implementation. The plant has been commissioned for production with effect from 20th December, 1981.

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-----------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Pesticides Formulation Unit | 32 | 15,00 | 15,00 | 15,00 |

The Corporation is setting up a pesticides formulation unit at Ludhiana of the capacity to formulate 540 MTs of pesticides per annum in terms of technical material.

PROJECTS FOR THE FUTURE

In addition to above PAIC intends to set up following Projects in future :—

Fuel Briquetting from Agro-Waste :

As already cleared by the BOD of PAIC, it is proposed to set up a plant for the manufacture of fuel briquettes from rice husk/paddy with a capacity of 54,000 tons per annum.

Manufacture of Furfural :

This is a project primarily for the extractions of furfural from the rice husk. This is a integrated project which starts with the shelling of paddy and process it to end up with the final products viz. edible oils, furfural from rice husk and 7 MWs of power generated from the exhasuted rice husk of which two MWs are utilised in the plant itself and 5 MWs proposed to be sold to State Electricity Department.

Manufacture of High Fructose Syrup :

Manufacture of high fructose syrup project with an estimated capital cost of Rs. 12 crores envisages using damaged/token rice for converting into high fructose syrup which is an improved replacement for sugar for bulk consumers like ice cream, chocolate, bottled drinks manufacturers.

Integrated Project for Shelling of Paddy, Manufacture of Hydrogenerated Edible Oils, Poultry/Cattle Feed and Particle Board :

This is a project at an estimated capital cost of Rs. 15 crores for shelling of paddy, manufacturing hydrogenerated edible oil, poultry/cattle feed and particle board.

Manufacture of OTS Cans and Metal Battery Jackets :

This is a project an estimated capital cost of Rs. 10 crore for making metal cans with the electrical welding process. These are extensively required in the feed processing industry in the country.

The Corporation functions under overall supervision and control of a Board of Directors. The Chief Executive of the Corporation is the Managing Director who is a wholtime officer of the Corporation. He is assisted by a team of Officers at the Head Office which includes a Secretary-cum-Financial Adviser, Manager (Mon.), Personnel Officer, a Chief Accounts Officer, a Chief Project Manager etc. The heads of activities are given Junior Officers and other supporting staff. There are 12 Branches of the Corporation in the State, each is headed by an Officer of the rank of District Manager.

WORKING RESULT OF THE CORPORATION

The Corporation has so far finalised the accounts for the year 1979-80. The net profit or loss upto 1979-80 along with the turn-over is given below :—

| Year | Turn over | Profit/Loss | Amount of Profit or Loss | Progressive Profit/Loss |
|---------|-----------------|-------------|------------------------------|--------------------------|
| 1966-67 | .. | Loss | 12,848 (—) | 12,848 |
| 1967-68 | .. 39,17,185 | Profit | 2,34,489 (+) | 2,21,641 |
| 1968-69 | .. 6,59,28,190 | Profit | 2,25,117 (+) | 4,47,358 |
| 1969-70 | .. 3,03,63,350 | Profit | 4,66,539 (+) | 4,47,358 |
| 1970-71 | .. 1,56,19,961 | Loss | 7,79,387 (—) | 3,32,029 |
| 1971-72 | .. 2,93,23,627 | Profit | 2,64,588 (—) | 67,445 |
| 1972-73 | .. 5,47,79,648 | Profit | 17,83,628 (+) | 9,83,437 |
| 1973-74 | .. 12,50,00,000 | Profit | 50,00,603 (+) | 28,78,192 |
| 1974-75 | .. 11,75,11,305 | Profit | 2,35,683 (+) | 28,78,192 |
| 1975-76 | .. 12,07,07,850 | Loss | 59,35,220 (—) | 32,42,881 |
| 1976-77 | .. 7,71,32,954 | Loss | 33,51,604 (—) | 65,99,553 |
| 1977-78 | .. 15,57,20,710 | Loss | 15,38,291 (—) | 81,32,776 |
| 1978-79 | .. 31,48,70,530 | Profit | 1,01,52,607 (+) | 4,62,246 |
| 1979-80 | .. 32,77,88,612 | Profit | 10,69,216 (+) | 11,04,017 |
| 1980-81 | .. 29,88,19,027 | Profit | 4,95,778 (+) (tentative) | 15,99,795 (tentative) |
| 1981-82 | .. 33,66,27,052 | Profit | 14,17,751 (+) (tentative) | 30,17,546 (tentative) |

The financial year of the Corporation is from June to May.

THE PUNJAB DAIRY DEVELOPMENT CORPORATION LIMITED, CHANDIGARH

I—Introduction

The Punjab Dairy Development Corporation Limited was incorporated under the Companies Act 1956 on 28th January, 1966 and started functioning on 1st April, 1966, the date on which the administrative control over the Milk Plants of the Erstwhile Punjab State was transferred to it. It is engaged primarily in purchase and processing of milk and manufacture and sale of milk and milk products, i.e., milk, ghee, SMP, WMP, Butter, Paneer, Cheese and cattle feed etc. It is running three Milk Plants at Mohali near Chandigarh, Verka (Amritsar) and Ludhiana and has one Cattle Feed Plant at Bhattian (near Khanna) Milk Plant, Bhatinda which was previously run by the Punjab Dairy Development Corporation Limited has been transferred to Punjab Milkfed since 1st March, 1980. Milk Plant, Mohali has been completed and has started functioning since September, 1980. During 1975-76, a Cattle Farm had started functioning at Ropar for rearing as well as breeding of Holstein Friesen cows/bulls. Now this farm is contributing raw milk to the plant situated at S.A.S. Nagar (Mohali).

The Corporation was registered with an authorised share capital of Rs. one crore (Rs. 1,00,00,000); divided into one lakh equity shares of Rs. 100 each. The Composite Punjab State initially subscribed to 20,000 equity shares of Rs. 100 each, Rs. 25 paid up. Besides contribution of Rs. 5 lakh towards capital, Erstwhile Punjab State Government transferred to the Corporation running Milk Plant at Verka (Amritsar), Chandigarh and Hissar including Milk Chilling and Assembling Centres at Patti, Fatehgarh Churian Morinda and Dasuya and pieces of lands at various other places. The tentative original cost of these assets was Rs. 79 lakhs. The authorised share capital of the Corporation was increased in the year 1974-75 by Rs. 4 crores raising it to Rs. 5 crores divided into 5 lakhs share of Rs. 100 each. The corporation has increased paid-up capital from Rs. 5 lakhs to Rs. 65 lakhs in the year 1976-77.

Upon reorganization of Composite Punjab State, the Corporation continued to operate all the three Milk Plants at Verka, Chandigarh and Hissar. The possession of Modern Dairy, Hissar was later transferred to Haryana State. The depreciated value of assets belonging to Composite Punjab State excluding those transferred to Haryana State, in possession of the Corporation on 1st November, 1966 was Rs. 58,95,917. All the assets transferred by the Erstwhile Punjab Government and reorganised Punjab Government are being held as property of successor States and rent equal to depreciation in accordance with Income-tax Rules is being credited to the account of the Composite Punjab State every year.

II—FINANCIAL REQUIREMENT

(A) PROGRAMME/ACTIVITY CLASSIFICATION

(Rs. in thousands)

| Serial No. | Name of the Plant | Actuals, | Budget | Revised | Budget |
|------------|--------------------------------------|----------|------------|------------|------------|
| | | 1981-82 | Estimates, | Estimates, | Estimates, |
| | | Rs | Rs | Rs | Rs |
| 1. | Milk Plant, Mohali | 7,37,13 | 8,28,83 | 10,08,64 | 9,39,43 |
| 2. | Milk Plant, Verka (Amritsar) | 6,70,63 | 7,07,60 | 8,94,93 | 9,16,19 |
| 3. | Milk Plant, Ludhiana | 5,84,25 | 6,57,82 | 7,04,14 | 7,01,19 |
| 4. | Milk Plant, Chandigarh | 74,77 | 95,13 | 54,03 | 44,47 |
| 5. | Cattle Feed Plant, Bhattian (Khanna) | 2,17,33 | 2,29,60 | 2,38,66 | 2,50,83 |
| 6. | H.P. Sutlej Bed Bet Farm, Ropar | 22,14 | 20,50 | 23,04 | 24,14 |
| | Total | 23,06,25 | 25,39,48 | 29,23,44 | 28,76,25 |

(B) OBJECT WISE CLASSIFICATION

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|-----------------------------------|------------------|---------------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs | Rs |
| 1. | Cost of milk and milk products .. | 13,69,28 | 15,90,57 | 18,05,77 | 18,01,94 |
| 2. | Stores and spares .. | 1,67,74 | 1,68,26 | 1,82,46 | 1,83,74 |
| 3. | Salary and Wages .. | 1,55,08 | 1,64,55 | 1,88,09 | 1,96,57 |
| 4. | Transportation Charges .. | 49,27 | 64,03 | 63,36 | 65,92 |
| 5. | Power and Fuel .. | 96,11 | 85,98 | 1,19,47 | 1,33,94 |
| 6. | Rent .. | 2,74 | 2,84 | 2,76 | 2,75 |
| 7. | Depreciation .. | 41,29 | 37,40 | 45,70 | 50,00 |
| 8. | Miscellaneous Expenses .. | 2,00,50 | 1,94,45 | 2,66,60 | 1,78,62 |
| 9. | Cost of ingredients .. | 1,73,30 | 1,88,00 | 1,86,74 | 1,94,80 |
| 10. | Insurance and Health .. | 3,19 | 3,00 | 3,34 | 3,42 |
| 11. | Land and development .. | 0,08 | 0,40 | 10 | 10 |
| 12. | Share of Head Office Expenses .. | 47,67 | 40,00 | 59,05 | 64,45 |
| | Total .. | 23,06,25 | 25,39,48 | 29,23,44 | 28,76,25 |

(C) SOURCES OF FINANCING

The entire expenditure on the activities of the Corporation is financed from the share capital, loans and other credit arrangement from Bank and the internal accrual of Corporation funds.

MILK PLANT, MOHALI
REVENUE EXPENDITURE

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|--|------------------|---------------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs | Rs |
| 1. | Cost of raw Milk & Milk Products .. | 5,08,71 | 6,19,15 | 7,09,00 | 7,02,75 |
| 2. | Stores & spares consumed including packing material .. | 34,11 | 28,56 | 30,35 | 30,00 |
| 3. | Salaries and Wages .. | 43,24 | 46,60 | 60,41 | 70,00 |
| 4. | Transportation Charges .. | 14,41 | 24,47 | 19,08 | 20,00 |
| 5. | Power and Fuel .. | 20,23 | 22,93 | 22,85 | 27,00 |
| 6. | Rent .. | 70 | 43 | 72 | 70 |
| 7. | Depreciation .. | 21,80 | 19,20 | 22,80 | 24,00 |
| 8. | Miscellaneous expenses including Purchase tax .. | 84,40 | 56,99 | 1,31,63 | 52,10 |
| 9. | Share of Head Office Expenses .. | 9,53 | 10,50 | 11,80 | 12,88 |
| | Total .. | 7,37,13 | 8,28,83 | 10,08,64 | 9,39,43 |

PHYSICAL TARGETS

(Figures in lakhs kgs./Ltrs.)

| Serial No. | Particulars | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Original Targets, 1983-84 |
|--------------------|---|------------------|---------------------------|--------------------------|---------------------------|
| Procurement | | | | | |
| 1. | Raw Milk (By procurement) | 196.95 | 214.73 | 239.92 | 249.20 |
| 2. | Raw Milk (by transfer from other plants) | 4.50 | 4.21 | .. | .. |
| | Total | 201.45 | 218.94 | 239.92 | 249.20 |
| 3. | Skimmed Milk Powder (by transfer from other plants) | 11.74 | .. | 2.53 | .. |
| 4. | S.M.P. Imported (by transfer from other Plants) | 3.25 | .. | 4.70 | .. |

During the year, 1982-83, the estimated average handling of milk is 65,731 litres per day as compared to 55,191 litres per day during the year 1981-82.

The procurement during 1983-84 has been estimated at 68,274 litres per day.

The major portion of the milk is used for supply of fluid milk in Chandigarh and S.A.S. Nagar (Mohali). The remaining milk is used for making the products.

PRODUCTS

(Figures in lakhs kgs./ltrs.)

| Serial No. | Name of Products | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Targets, 1983-84 |
|------------|------------------|------------------|---------------------------|--------------------------|------------------|
| 1. | Standard Milk | 86.08 | 80.95 | 103.97 | 100.64 |
| 2. | Tonned Milk | 134.11 | 137.83 | 144.44 | 150.96 |
| 3. | Ghee | 5.10 | 7.26 | 8.21 | 7.69 |
| 4. | Paneer | 0.19 | .. | 0.84 | 0.93 |
| 5. | Milk Cake | 0.04 | .. | 0.07 | 0.18 |
| 6. | Yoghurt | 0.02 | .. | 0.26 | .. |
| 7. | Peda | 0.01 | .. | 0.10 | 0.09 |
| 8. | Processed Cheese | .. | .. | 0.12 | .. |

MILK PLANT, VERKA

Revenue Expenditure

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|------------------|---------------------------|----------------------------|---------------------------|
| | | Rs | Rs | Rs | Rs |
| 1. | Cost of Raw Milk and Milk Products | 4,45,65 | 4,63,30 | 6,14,36 | 6,19,37 |
| 2. | Stores and Spares consumed including Packing Material | 59,80 | 68,00 | 71,62 | 77,94 |
| 3. | Salary and Wages | 42,29 | 49,50 | 51,38 | 53,90 |
| 4. | Transportation Charges | 20,20 | 18,20 | 28,19 | 33,45 |
| 5. | Power and Fuel | 28,68 | 19,80 | 35,96 | 45,90 |
| 6. | Rent | 1,80 | 1,80 | 1,80 | 1,80 |
| 7. | Depreciation | 4,00 | 3,50 | 7,90 | 10,07 |
| 8. | Miscellaneous Expense including Purchase Tax | 56,29 | 73,00 | 68,96 | 57,65 |
| 9. | Share of Head Office Exp. | 11,92 | 10,50 | 14,76 | 16,11 |
| | Total | 6,70,63 | 7,07,60 | 8,94,93 | 9,16,19 |

PHYSICAL TARGETS

(Figures in lakhs kgs./Ltrs.)

| Particulars | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Original Targets, 1983-84 |
|--|---------------------|---------------------------------|--------------------------------|---------------------------------|
| Procurement | | | | |
| Raw Milk (By Procurement) | .. 183.89 | 183.60 | 241.90 | 246.12 |
| Raw Milk (By transfer from other Plants) | .. 0.81 | .. | .. | .. |
| Total | .. 184.70 | 183.60 | 241.90 | 246.12 |

The estimated average handling of milk for the year 1982-83 is 66,274 litres per day as compared to 50,602 litres during the year 1981-82. It is expected that the average procurement during 1983-84 would be 67,430 litres per day.

PRODUCTS

(Figures in lakhs Kgs./Ltrs.)

| Products | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Original Targets, 1983-84 |
|---------------------------|---------------------|---------------------------------|--------------------------------|---------------------------------|
| Standard Milk | .. 34.41 | 32.30 | 35.41 | 31.80 |
| Sweetened Flavoured Milk | .. 5.85 | 7.55 | 7.58 | 8.35 |
| Table Butter/White Butter | .. 3.36 | 4.05 | 3.06 | 3.19 |
| Skimmed Milk Powder | .. 8.12 | 9.54 | 8.73 | 9.41 |
| Ghee | .. 5.03 | 5.50 | 5.45 | 5.40 |
| Whole Milk Powder | .. 5.59 | 5.00 | 6.33 | 5.95 |
| Lassi (Bottles) | .. 0.46 | 0.76 | 0.27 | 0.50 |
| Paneer | .. 0.02 | 0.04 | 0.02 | 0.04 |

MILK PLANT, LUDHIANA

REVENUE EXPENDITURE

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|------------|---|---------------------|---------------------------------|----------------------------------|---------------------------------|
| 1. | Cost of Raw Milk Milk Products | .. 3,86,47 | 4,63,74 | 4,69,72 | 4,70,58 |
| 2. | Stores & Spares consumed including Packing Material | .. 53,06 | 48,85 | 60,14 | 55,46 |
| 3. | Salary & Wages | .. 38,98 | 36,00 | 44,66 | 43,18 |
| 4. | Transportation Charges | .. 8,37 | 13,50 | 10,72 | 7,69 |
| 5. | Power Fuel | .. 36,97 | 30,00 | 52,37 | 52,42 |
| 6. | Depreciation | .. 8,64 | 8,00 | 7,80 | 7,20 |
| 7. | Misc. Expenses | .. 39,84 | 47,23 | 43,97 | 48,55 |
| 8. | Share of Head Office Expenses | .. 11,92 | 10,50 | 14,76 | 16,11 |
| | Total | .. 5,84,25 | 6,57,82 | 7,04,14 | 17,01,19 |

| Particulars | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Original Targets, 1983-84 |
|--|---------------------|---------------------------------|--------------------------------|---------------------------------|
| PROCUREMENT | | | | |
| Raw Milk (By Procurement) | 146.57 | 195.35 | 185.14 | 199.10 |
| Raw Milk (By transfer from other Plants) | .. | .. | 10.45 | 17.65 |
| Total | 146.57 | 195.35 | 195.59 | 216.75 |
| Skimmed Milk | 1.00 | .. | .. | .. |
| Reconstituted Milk | .. | .. | .. | .. |
| Butter Oil Fat | 0.21 | .. | .. | .. |

The estimated average handling of milk during 1982-83 is 53,586 litres per day as against 40,156 litres per day during the year 1981-82. In the year 1983-84 it is expected that the procurement would be 59,383 litres per day.

(Figures in lakhs kgs./Ltrs.)

| Products | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Original Targets, 1983-84 |
|---------------------------|---------------------|---------------------------------|--------------------------------|---------------------------------|
| Toned milk | 2.89 | 2.50 | 2.56 | 3.00 |
| Standard milk | 42.27 | 54.75 | 71.28 | 90.00 |
| S.F.M. (Bottles) | 7.67 | 3.65 | 12.96 | 10.00 |
| Ghee | 3.46 | 4.69 | 4.08 | 3.65 |
| Table Butter/White Butter | 6.25 | 2.90 | 4.14 | 2.89 |
| Skimmed Milk Powder | 3.31 | 8.78 | 6.39 | 6.63 |
| Lassi (bottles) | 1.30 | 0.36 | 2.33 | 1.50 |
| Baby Food | 0.27 | .. | .. | 0.40 |
| Whole Milk Powder | 7.04 | 1.25 | 3.04 | 0.80 |

CATTLE FEED PLANT BHATTIAN (KHANNA)

(Rs. in thousands)

| Serial No. | Particulars | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--------------------------|-------------------------------|---------------------|---------------------------------|----------------------------------|---------------------------------|
| | | Rs | Rs | Rs | Rs |
| REVENUE EXPENSES | | | | | |
| 1. | Cost of ingredients | 1,73,30 | 1,88,00 | 1,86,74 | 1,94,80 |
| 2. | Stores and Spares | 6,90 | 6,10 | 7,04 | 7,34 |
| 3. | Salaries and Wages | 9,13 | 9,70 | 11,38 | 12,74 |
| 4. | Transportation Charges | 6,18 | 7,76 | 5,25 | 4,67 |
| 5. | Power and Fuel | 3,71 | 4,25 | 5,39 | 5,62 |
| 6. | Rent | 21 | 29 | 20 | 21 |
| 7. | Depreciation | 3,24 | 3,50 | 3,66 | 5,25 |
| 8. | Miscellaneous Expenses | 5,13 | 4,00 | 7,20 | 7,32 |
| 9. | Share of Head Office Expenses | 9,53 | 6,00 | 11,80 | 12,88 |
| | Total | 2,17,33 | 2,29,60 | 2,38,66 | 2,50,83 |
| PHYSICAL TARGETS. | | | | | |
| | Cattle Feed. (In lakhs kgs) | 210.00 | 214.90 | 226.00 | 230.09 |

(xvi)

H.F. SUTLEJ BED BET FARM ROPAR

REVENUE EXPENSES

(Rs. in thousands)

| Serial No. | Particulars | Actuals, | Budget | Revised | Budget |
|------------|-------------------------------|----------|------------|------------|------------|
| | | 1981-82 | Estimates, | Estimates, | Estimates, |
| | | Rs | Rs | Rs | Rs |
| 1. | Stores and Spares | 5,91 | 5,75 | 5,07 | 5,00 |
| 2. | Salaries and Wages | 7,40 | 7,75 | 8,48 | 9,25 |
| 3. | Transportation Charges | .. | .. | .. | .. |
| 4. | Depreciation | 1,21 | 1,10 | 1,14 | 1,08 |
| 5. | Miscellaneous Expenses | 1,97 | 1,50 | 1,94 | 2,05 |
| 6. | Insurance and Health | 3,19 | 3,00 | 3,34 | 3,42 |
| 7. | Land Development | 0.8 | 40 | 10 | 10 |
| 8. | Share of Head Office Expenses | 2,38 | 1,00 | 2,97 | 3,24 |
| | Total | 22,14 | 20,50 | 23,04 | 24,14 |

MILK PLANT, CHANDIGARH

REVENUE EXPENDITURE

(Rs. in thousands)

| Serial No. | Particulars | Actuals, | Budget | Revised | Budget |
|------------|---|----------|------------|------------|------------|
| | | 1981-82 | Estimates, | Estimates, | Estimates, |
| | | Rs | Rs | Rs | Rs |
| 1. | Cost of Raw Milk and Milk Products | 28,45 | 44,38 | 12,69 | 9,24 |
| 2. | Stores and Shares consumed including packing material | 7,96 | 11,00 | 8,24 | 8,00 |
| 3. | Salary and Wages | 14,04 | 15,00 | 11,78 | 7,50 |
| 4. | Transportation Charges | 11 | 10 | 12 | 11 |
| 5. | Power and Fuel | 6,52 | 9,00 | 2,90 | 3,00 |
| 6. | Rent | 03 | 04 | 04 | 04 |
| 7. | Depreciation | 2,40 | 2,10 | 2,40 | 2,40 |
| 8. | Miscellaneous Expenditure including Purchase Tax | 12,87 | 12,01 | 12,90 | 10,95 |
| 9. | Share of Head Office Expenses | 2,39 | 1,50 | 2,96 | 3,23 |
| | Total | 74,77 | 95,13 | 54,03 | 44,47 |

PHYSICAL TARGETS

PROCUREMENT

| | | | | | |
|---|-------|-------|-------|------|------|
| Raw Milk (By procurement) | .. | .. | .. | .. | .. |
| Raw Milk (By transfer from other plants) (in lakhs Kgs.) | 14.31 | 13.95 | 16.69 | 6.70 | 5.20 |
| Total | 14.31 | 13.95 | 16.69 | 6.70 | 5.20 |
| Skimmed Milk Powder (in lakhs Kgs.) | .. | 0.25 | .. | .. | .. |
| Reconstituted Milk | .. | .. | .. | .. | .. |
| Butter oil fat | .. | .. | .. | .. | .. |

PRODUCTS

(Figures in lakhs Kgs./Ltrs.)

| Products | Actuals, 1981-82 | Original Targets, 1982-83 | Revised Targets, 1982-83 | Original Targets, 1983-84 |
|------------------|---------------------|---------------------------------|--------------------------------|---------------------------------|
| S.F.M. (Bottles) | 20.32 | 24.70 | 24.42 | 21.00 |
| Lassi (Bottles) | 4.23 | 4.62 | 5.70 | 5.01 |
| Paneer | 0.78 | 1.04 | .. | .. |
| Milk Cake | 0.23 | 0.34 | 0.01 | .. |
| Yoghurt | 0.71 | 0.84 | 0.52 | .. |
| Ghee | 0.20 | 0.35 | 0.02 | .. |
| Ice Cream Cups | 1.44 | 1.62 | 2.15 | .. |
| Verka Sweets | 0.06 | 0.09 | .. | .. |
| Peda | 0.10 | 0.14 | .. | .. |

THE PUNJAB DAIRY DEVELOPMENT CORPORATION LIMITED, CHANDIGARH

STAFF POSITION

| Category | 1981-82 | 1982-83 | 1983-84 |
|---------------------|---------|---------|---------|
| 1. Officers | 93 | 100 | 88 |
| 2. Class III | 747 | 760 | 834 |
| 3. Class IV | 1,044 | 1,070 | 1,235 |
| 4. Casual/Part-time | 460 | 470 | 499 |
| Total | 2,344 | 2,400 | 2,656 |

PROGRAMME OPERATION FLOOD

Various programmes under the operation flood Phase I Programme for increasing the milk production in the State for which a sum of Rs. 466 lakhs had been allocated to the State of Punjab, were implemented through the Corporation. The funds were generally provided on seventy per cent loan and thirty per cent grant basis by Indian Dairy Corporation. A sum of Rs. 305.48 lakhs (in cash/kind) was received from them up to 31st December, 1980 for the projects as detailed below:—

| Serial No. | Description | Amount received |
|------------|--|-----------------|
| | | (Rs in lakhs) |
| 1. | Setting up of Cattle Feed Plant, Bhattian | 47.80 |
| 2. | Milk Plant, Mohali (S.A.S. Nagar) | 175.51 |
| 3. | Exotic Cattle Breeding Farm, Bhattian (100% grant) | 10.72 |
| 4. | Input programme for increasing milk production in milk shed area, Ludhiana | 16.33 |
| 5. | Input programme for increasing milk production in milk-shed area, Bhatinda | 30.44 |
| 6. | Machinery for Milk Plant, Ludhiana | 4.03 |
| 7. | Machinery for Milk Plant, Bhatinda | 20.65 |
| | Total | 305.48 |

The funds provided for setting up of Cattle Feed Plant at Bhattian were paid to the National Dairy Development Board, Anand, except a sum of Rs 1.70 lakhs.

Implementation of operation flood Phase II programme has been entrusted to Milkfed, Punjab and the same is not being implemented through the Corporation.

WORKING RESULTS OF THE CORPORATION

| Year | M.P. Ludhiana | M.P. Verka | C.F.P. Amrit- sar | C.F.P. Bhattian | M.P. Chandi- garh | M.P. Mohali | M.P. Hissar | M.P. Bhatinda | C. Form | S.B.B.F. Ropar | Profit/ Loss | Progres- sive Profit/ Loss |
|-----------|------------------|---------------|-------------------------|--------------------|-------------------------|----------------|----------------|------------------|------------|-------------------|-----------------|----------------------------------|
| 1966-67 | .. | +8.43 | -0.06 | .. | -12.22 | .. | -0.16 | .. | .. | .. | -4.01 | -4.01 |
| 1967-68 | .. | +4.13 | -0.22 | .. | -12.27 | .. | -0.27 | .. | .. | .. | -8.63 | -12.64 |
| 1968-69 | .. | +7.98 | -0.27 | .. | -10.37 | .. | -0.76 | .. | .. | .. | -3.42 | -16.06 |
| 1969-70 | .. | +9.31 | -0.29 | .. | -2.41 | .. | -1.11 | .. | .. | .. | +10.32 | -5.74 |
| 1970-71 | .. | -0.38 | ±1.72 | .. | -3.56 | .. | -0.30 | .. | .. | .. | ±4.60 | -1.14 |
| 1971-72 | .. | +2.48 | +1.83 | .. | -4.27 | .. | -0.37 | .. | .. | .. | -0.33 | -1.47 |
| 1972-73 | .. | -5.10 | +1.77 | .. | -6.21 | .. | -0.12 | .. | .. | .. | -9.66 | -11.13 |
| 1973-74 | -13.80 | -24.70 | .. | -5.31 | ±3.56 | .. | -0.16 | .. | .. | .. | +1.87 | -9.26 |
| 1974-75 | +17.89 | +31.24 | .. | -7.21 | -22.71 | .. | .. | -33.77 | -3.51 | .. | -18.07 | -27.33 |
| 1975-76 | -20.10 | +6.71 | .. | -12.73 | -19.86 | .. | .. | -30.03 | -1.47 | -1.63 | -79.11 | -106.44 |
| 1976-77 | -28.24 | -19.76 | .. | -3.41 | -22.58 | .. | .. | -31.09 | -3.00 | -10.07 | -118.15 | -224.59 |
| TENTATIVE | | | | | | | | | | | | |
| 1977-78 | -16.95 | -19.78 | .. | +5.32 | -15.08 | .. | .. | -32.96 | .. | -6.05 | -85.50 | -310.09 |
| 1978-79 | -5.62 | +22.16 | .. | +13.19 | ±12.02 | .. | .. | -18.47 | .. | -2.11 | ±21.17 | -288.92 |
| 1979-80 | -11.10 | ±13.17 | .. | +9.20 | +15.26 | .. | .. | .. | .. | -1.92 | ±24.61 | -264.31 |
| 1980-81 | -9.42 | ±5.05 | .. | +4.02 | .. | ±15.20 | .. | .. | .. | -3.83 | ±11.02 | -253.29 |
| 1981-82 | +28.11 | +61.48 | .. | +14.04 | -16.79 | +8.16 | .. | .. | .. | -2.75 | ±92.25 | -161.04 |
| 1982-83 | +9.64 | -2.34 | .. | +27.89 | -13.04 | -5.77 | .. | .. | .. | -9.21 | ±7.17 | -153.87 |
| 1983-84 | ±9.26 | -18.58 | .. | +26.59 | -16.71 | ±17.13 | .. | .. | .. | -8.64 | ±9.05 | -144.82 |

PUNJAB FINANCIAL CORPORATION

I-Introduction :

The Punjab Financial Corporation is engaged in extending term loan assistance from Rs 2,000/- to Rs. 30.00 lacs under the various schemes to small-scale and medium scale units, to new units for creation of fixed assets and to existing units for expansion or modernization. The rate of interest varies from 10.25% per annum to 16% per annum.

The Corporation lays special emphasis on the development of small-scale industries and to foster growth of industry in backward areas of the State. The benefit of concessional rate of interest on loans is granted to industrial units after availment of refinance from the Industrial Dev. Bank of India. The Corporation also disburses central subsidy to the units located in notified backward areas.

Sanction of term loans ;

The performance of the Corporation in the field of sanction of term loans has shown a progressive trend from the year 1980 onwards. This would be evident from the table depicted below :—

SANCTIONS:

AMT. IN LACS (Rs.)
(1.4.80 to 31.3.83)

| Year | AMT. IN LACS (Rs.) (1.4.80 to 31.3.83) | |
|---------|---|---------|
| | No. | Amount |
| 1980-81 | 256 | 1314.54 |
| 1981-82 | 348 | 1517.39 |
| 1982-83 | 539 | 2800.26 |
| | 1143 | 5632.19 |

Assistance to Small Scale Sector

| Year | (Rs. in lacs) | |
|---------|---------------|---------|
| | No. | Amount |
| 1980-81 | 230 | 770.25 |
| 1981-82 | 327 | 1034.79 |
| 1982-83 | 509 | 2136.83 |
| | 1096 | 3941.87 |

Assistance To Units Located in Backward Areas :

| Year | (Rs in lacs) | |
|---------|--------------|--|
| | Amount | |
| 1980-81 | 681.38 | |
| 1981-82 | 526.60 | |
| 1982-83 | 767.20 | |
| | 1975.18 | |

Disbursement of Term Loans :

It has been the endeavour of the Corporation to disburse the maximum eligible amount of term loan to its loanees within the shortest possible time and the pace of disbursement has picked up as would be evident from the figures given below :—

DISBURSEMENT :

| Year | (Rs in lacs) | |
|---------|---------------------|---------|
| | (1.4.80 to 31.3.83) | |
| | No. | Amount |
| 1980-81 | 159 | 844.70 |
| 1981-82 | 220 | 940.81 |
| 1982-83 | 270 | 1467.17 |
| | 649 | 3252.68 |

The disbursement of loans to units located in the small scale sector has also shown a progressive increase as would be evident from the table below :—

| Year | (Rs in lacs) | |
|---------|---------------------|---------|
| | (1-4-80 to 31.3.83) | |
| | No. | Amount |
| 1980-81 | 138 | 411.18 |
| 1981-82 | 207 | 607.29 |
| 1982-83 | 254 | 1095.34 |
| | 599 | 2113.81 |

Recovery :

The Corporation has also improved upon its performance in recovery of dues from the loanee concerns and from the DICGC so as to enable it to re-cycle the funds amongst new industrial units, as would be evident from the table below :—

| Year | (Rs in lacs) |
|---------|--------------|
| | Amount |
| 1980-81 | 700.28 |
| 1981-82 | 788.35 |
| 1982-83 | 987.51 |
| | 2476.14 |

Availment of Institutional Finance :

To augment its resources of funds, the Corporation availed of institutional finance in the form of refinance from the Industrial Dev. Bank of India and by raising bonds from commercial banks and other financial institutions. This provided the necessary impetus to its promotional activities. The figures for the period 1980-81 to 1982-83 are as follows :—

| | | (Rs in lacs) |
|-----------|--|--------------|
| Year | | Amount |
| Refinance | | |
| 1980-81 | | 530.38 |
| 1981-82 | | 531.98 |
| 1982-83 | | 1029.59 |
| Bonds | | |
| 1980-81 | | — |
| 1981-82 | | 192.50 |
| 1982-83 | | 275.00 |

Schemes Evolved Under 20 Point Economic Programme :

The Punjab Financial Corporation has evolved the following schemes under the 20 Point Economic Programme of the Prime Minister :—

(i) Composite Loan Scheme for AVCI Units :

Loans upto Rs, 25,000/-are granted to units promoted by Artisans, Village and Cottage Industries for purchase of machinery and equipments. The promoter is not required to pay any application fee and does not have to contribute anything towards the cost of the Project. Security for the loan is only in the shape of assets created with the help of the loan. Under the Composite Scheme, the Corporation has shown the following performance during 1982-83 :—

| | | | (Rs in lacs) |
|--------------|-----|--|--------------|
| | No. | | Amount |
| Sanctions | 103 | | 20.49 |
| Disbursement | 46 | | 8.56 |

(ii) Scheme for Scheduled Caste or Scheduled Tribe Entrepreneurs :

The Corporation has recently evolved this scheme. Under the scheme loans up to Rs. 3.00 lacs are granted to promoters belonging to SC/ST at a concessional rate of interest of 10.25% per annum. The promoter is required to contribute only 5% of the total cost of the project.

(iii) Scheme for the handicapped :

The Corporation has also evolved a scheme for giving concessional assistance to unit set up by physically handicapped entrepreneur to generate self-employment.

Targets for the next Financial Year :

Encouraged by the performance achieved during the current financial year, the Corporation during the next financial year 1983-84, has set the following targets, subject to the availability of applications and adequate funds :—

| | | (Rs in lacs) | |
|---|---------------|--------------|-------------------------------|
| | | 1983-84 | 1982-83(performance achieved) |
| *Subject to availability of application | Sanctions | 3600.00 | 2800.26 |
| | Disbursements | 2400.00 | 1467.17 |
| | Recovery | 1000.00 | 987.51 |

Working Results :

The profit earned by the Corporation before tax has also shown improvement over the period as would be evident from the figures below :—

| | | (Rs. in lacs) |
|---------|--|-----------------------|
| | | 1.4.1980 to 31.3.1983 |
| 1980-81 | | 159.88 |
| 1981-82 | | 195.88 |
| 1982-83 | | 224.46 |

In a nut-shell, the percentage rate of growth in the financial year 1982-83 as against the financial year 1981-82 is as follows :—

| | %age increase in growth rate over previous year |
|---------------|---|
| Sanctions | 84.54% |
| Disbursements | 55.95% |
| Recovery | 25.26% |
| Refinance | 93.54% |

ANNEXURE I

II. FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--|----------------------|---------------------------------|----------------------------------|--|
| A. Programme/Activity-wise Classification | | | | |
| 1. Industrial Finance .. | 8,74,53 | 9,25,00 | 13,84,42 | 19,50,00 (Subject to (availability of application for finance 4,35,00 |
| 2. Repayment of liabilities towards I.D.B.I. (Rofinance) .. | 3,86,95 | 3,90,00 | 3,74,69 | 4,35,00 |
| 3. R.B.I.—Adhoc Bonds .. | .. | .. | .. | 1,50,00 |
| 4. Redemption of Bonds .. | 55,00 | 77,00 | 77,00 | .. |
| 5. Repayment of deposits .. | .. | .. | .. | .. |
| 6. Disbursement of C. Subsidy .. | 66,28 | 78,65 | 82,75 | 1,00,00 |
| 7. Establishment Expenses (Salaries) .. | 30,53 | 27,45 | 41,66 | 45,65 |
| 8. Administrative Expenses (including interest tax) and payments dividend etc. .. | 3,20,30 | 3,48,55 | 4,18,67 | 5,38,43 |
| 9. Closing cash and bank balances .. | 65,75 | 38,70 | 1,25,39 | 1,25,00 |
| Total A .. | 17,99,34 | 18,85,35 | 25,04,58 | 33,44,08 |

ANNEXURE 2

B—Object-wise Classification

(Rs. in thousands)

| | | Accounts 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|-----|------------------------------------|---------------------|---------------------------------|----------------------------------|---------------------------------|
| 1. | Disbursement of loans | 8,74,53 | 9,25,00 | 13,84,42 | 19,50,00 |
| 2. | Repayment of refinance to IDBI | 3,86,95 | 3,90,00 | 3,74,69 | 4,35,00 |
| 3. | Repayment of Adhoc Bonds to R.B.I. | .. | .. | .. | 1,50,00 |
| 4. | Redemption of bonds | 55,00 | 77,00 | 77,00 | .. |
| 5. | Repayment of deposits | .. | .. | .. | .. |
| 6. | Salaries & Allowances | 30,53 | 27,45 | 41,66 | 45,65 |
| 7. | Travelling & other allowances | 2,41 | 1,55 | 4,02 | 4,05 |
| 8. | Rent, taxes and insurance etc. | 2,88 | 2,00 | 2,77 | 2,77 |
| 9. | Disbursement C. Subsidy | 66,28 | 78,65 | 82,75 | 1,00,00 |
| 10. | Interest and other charges | 1,74,06 | 2,30,00 | 2,23,48 | 3,16,00 |
| 11. | Advance Income Tax | 95,28 | 85,00 | 92,90 | 1,10,00 |
| 12. | Other expenses | 45,67 | 30,00 | 95,50 | 1,05,61 |
| 13. | Closing cash & bank balances | 65,75 | 38,70 | 1,25,39 | 1,25,00 |
| | Total—B | 17,99,34 | 18,85,35 | 25,04,58 | 33,44,08 |

(xxv)

ANNEXURE—3

C—Sources of Finance

(Rs. in thousands)

| | Accounts 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--|---------------------|---------------------------------|----------------------------------|---------------------------------|
| 1. Opening Cash and Bank Balances .. | 1,41,40 | 68,35 | 65,75 | 1,25,39 |
| 2. Increase in capital .. | 30,00 | 75,00 | 60,00 | 2,00,00 |
| 3. Borrowings from I.D.B.I. against adhoc bonds .. | .. | .. | .. | 1,50,00 |
| 4. Refinance from I.B.D.I. .. | 5,31,98 | 7,40,00 | 10,29,59 | 12,70,00 |
| 5. Reimbursement of C. Subsidy .. | .. | 71,00 | 37,02 | 80,00 |
| 6. Borrowing by way of bonds & Debentures .. | 1,92,50 | 1,00,00 | 2,75,00 | 2,20,00 |
| 7. Repayment of loan by by borrowers .. | 3,86,34 | 4,20,00 | 4,53,17 | 4,73,00 |
| 8. Others (Interest on loans & other miscellaneous income) | 5,17,72 | 4,11,00 | 5,84,05 | 6,16,56 |
| Total .. | 17,99,94 | 18,85,35 | 25,04,58 | 31,34,95 |
| Deficit | | | | |
| —Agency funds .. | 60 | .. | .. | 2,09,13 |
| Grand Total—C .. | 17,99,34 | 18,85,35 | 25,04,58 | 33,44,08 |

STAFF POSITION IN THE CORPORATION AS ON 31-3-1983

| Sr. No. | Name of the posts | Total strength in position |
|---------|--------------------------|----------------------------|
| 1 | M.D. | 1 |
| 2 | General Manager (L) | 1 |
| 3 | Establishment Officer | 1 |
| 4 | Sr. Manager Finance | 3 |
| 5 | Sr. Manager Technical | 3 |
| 6 | Manager Finance | 3 |
| 7 | Manager Technical | 2 |
| 8 | Manager Personnel | 1 |
| 9 | Asstt. Manager Finance | 10 |
| 10 | Asstt. Manager Technical | 16 |
| 11 | Accounts officer | 2 |
| 12 | Asstt. Law officer | 3 |
| 13 | Junior Manager | 10 |
| 14 | Asstt. Accountant | 2 |
| 15 | P.A. | 1 |
| 16 | Assistants | 16 |
| 17 | Asstt (Legal) | 11 |
| 18 | Steno Grade I | 9 |
| 19 | Steno Grade II | 18 |
| 20 | Jr. Asstt. | 35 |
| 21 | Jr. Asstt/Typist | 22 |
| 22 | Gen. Set. Operator | 2 |
| 23 | Jamadar-cum-Caretaker | — |
| 24 | Drivers | 5 |
| 25 | Daftri | 2 |
| 26 | Peons | 28 |
| 27 | Chowkidars | 5 |
| 28 | Sweeper | 8 |

PEPSU ROAD TRANSPORT CORPORATION

I—INTRODUCTION

PEPSU Road Transport Corporation was established on 16th October, 1956, under the provision of the Road Transport Corporation Act, 1950.

2. The Corporation is administered by a Board of Directors, which under the Statutory Rules comprises of Senior Executives of the State Government/Central Government. The present Board of Directors is as under :—

- (i) Secretary to Government, Punjab, Department of Transport, Chandigarh .. *Ex-Officio* Chairman
- (ii) Commissioner and Secretary to Government, Punjab, Department of Finance *Ex-Officio* Member
- (iii) Director, State Transport, Punjab .. *Ex-Officio* Member
- (iv) Chief Marketing Supdt., Northern Railway, New Delhi .. *Ex-Officio* Member
- (v) Financial Adviser and Chief Accounts Officer, Northern Railway, New Delhi .. *Ex-Officio* Member
- (vi) General Manager, Pepsu Road Transport Corporation, Patiala .. *Ex-Officio* Member
Secretary

3. The Corporation has two tier system on management side. In the Central Office, General Manager is the Chief Executive Officer of the Corporation who is assisted by a Deputy General Manager, a Chief Accounts Officer-cum-Financial Adviser, a Chief Automobile Engineer, an Administrative Officer, a Chief Manager (Operations), a S.D.O. (Construction Cell), a Manager (Enforcement), a Store Manager, a Manager (Purchase) and a Manager (Planning and Statisticals). In the Depots, the Depot Manager is the Head of the office, who is assisted by an Accounts Officer, a Traffic Manager and Service Engineer.

4. The Corporation commenced passenger transport operations in 1956 with a fleet of 60 buses covering 11,107 kilometres on 15 routes. Initially, the Corporation was conceived to serve the erstwhile Pepsu area, with the growth in passenger traffic, the Corporation has also been growing and is now operating on a number of inter-State routes in Haryana, Rajasthan, U.P., J. & K., H.P., Chandigarh Union Territory and Delhi. The Corporation which was initially a small unit has now eleven depots as named below:—

- (1) Patiala-I.
- (2) Patiala-II
- (3) Bhatinda-I
- (4) Bhatinda-II
- (5) Sangrur
- (6) Kapurthala
- (7) Faridkot
- (8) Ludhiana
- (9) Budhlada
- (10) Barnala
- (11) Chandigarh

At present, the fleet strength of the Corporation is 1,075 buses with scheduled 2,58,827 kms., plying on 677 routes. The total staff strength in the Pepsu Road Transport Corporation is 5,900. The norm of staff in P.R.T.C. is as under:—

- (I) Direction Staff .. 0.4 per vehicle
- (II) Workshop Staff .. 1.1 per vehicle for maintenance of fleet
- (III) Drivers and Conductors .. 1.3 per vehicle
- (IV) Inspectorate Staff .. One Inspector for every eight conductors.
- (V) Adda Conductors .. Out of Norm posts

5. The Capital is provided by the State Government and Central Government in the ratio of 2 : 1 since 1969-70 and prior to it, the capital was provided in the ratio 4 : 1. The Capital Contribution made by the State Government and Central Government upto 31st March, 1983 is as under :—

| | (Rs. in lakhs) | |
|--|----------------|---|
| State Government .. | 1,722.17 | (The amount of Rs. 1.20 crores is still lying in Treasury Under Head "842—Other Deposits—Deposits of Government Companies" Pepsu Road Transport Corporation", and the same will be transferred in the month of March, 1983 against the adjustment of interest on capital. However, the matter has already been moved to the Government to adjust this amount against the loan of Rs. 120.00 lakhs, instead of payment of interest on capital. |
| Central Government (NR) (Rs. 64.60 lakhs received) in 3/83 | 728.78 | |
| Total .. | 2,450.95 | |

Besides this, the Corporation has also raised loans from various Banks/Commercial Institutions. The position of various loans as on 31st March, 1983 is as under :—

| Serial No. | Name of the Bank/F. Institution | Original amount of loan | Amount outstanding as on 31-3-83 |
|------------|--|-------------------------|----------------------------------|
| | | Rs. | Rs. |
| 1 | Amalgamated Fund for the Welfare of Ex-Servicemen .. | 100.00 | 40.00 |
| 2 | Indian Overseas Bank, Chandigarh .. | 50.00 | 18.75 |
| 3 | Life Insurance Corporation of India, Bombay— | | |
| | Ist Loan .. | 65.00 | 45.50 |
| | IInd Loan .. | 65.00 | 45.50 |
| | IIIrd Loan .. | 100.00 | 80.00 |
| | IVth Loan .. | 165.00 | 132.00 |
| | Vth Loan .. | 165.00 | 165.00 |
| 4 | Punjab and Sind Bank, Patiala .. | 99.67 | 29.67 |
| 5 | Punjab Defence and Security Relief Fund (Ist Loan) .. | 100.00 | 20.00 |
| 6 | Punjab Defence and Security Relief Fund (IInd Loan) .. | 41.21 | 24.73 |
| 7 | Industrial Development Bank of India .. | 143.71 | 81.49 |
| 8 | Loan from State Government (Pb.) .. | 320.00 | 320.00 |
| | Tota .. | 1,414.59 | 1,002.64 |

II—FINANCIAL REQUIREMENTS

(Commercial)

(Rs. in thousands)

| | Actuals, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|---------------------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|
| | Plan (as per revised) Budget | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| A. Programme/Activity | | | | | | | | | | | | |
| 1. Commercial | | | | | | | | | | | | |
| Classification— | | | | | | | | | | | | |
| (a) Direction and Administration .. | .. | 1,23,47 | 1,23,47 | .. | 1,53,95 | 1,53,95 | .. | 1,30,50 | 1,30,50 | .. | 1,43,00 | 1,43,00 |
| (b) Management .. | | | | | | | | | | | | |
| (c) Operation .. | | | | | | | | | | | | |
| (d) Repairs and Maintenance .. | 3,42,59 | 22,80,39 | 26,22,98 | 1,00,00 | 23,61,34 | 24,61,34 | 2,93,50 | 24,21,00 | 27,14,50 | 1,00,00 | 26,55,60 | 27,55,80 |
| (e) Buildings .. | 39,10 | .. | 39,10 | 60,00 | .. | 60,00 | 1,07,00 | .. | 1,07,00 | 29,80 | .. | 29,80 |
| (f) Expansion of fleet .. | .. | .. | .. | 3,89,80 | .. | 3,89,80 | .. | .. | .. | 1,87,20 | .. | 1,87,20 |
| (g) Replacement of old Buses .. | 2,00,00 | .. | 2,00,00 | 2,65,20 | .. | 2,65,20 | 1,82,00 | .. | 1,82,00 | 4,18,00 | .. | 4,18,00 |
| (h) Machinery and Equipments .. | 44 | .. | 44 | 10,00 | .. | 10,00 | 30,00 | .. | 30,00 | 10,00 | .. | 10,00 |
| (i) Material and Supplies .. | 1,75 | .. | 1,75 | 5,00 | .. | 5,00 | 10,00 | .. | 10,00 | 5,00 | .. | 5,00 |
| (j) Pension and Gratuity .. | .. | 42,79 | 42,79 | .. | 15,21 | 15,21 | .. | 45,00 | 45,00 | .. | 49,50 | 49,50 |
| (k) Motor Transport Reserve Fund (Depreciation) .. | .. | 2,77,12 | 2,77,12 | .. | 3,52,00 | 3,52,00 | .. | 3,00,00 | 3,00,00 | .. | 3,32,20 | 3,32,20 |
| (l) Motor Transport Reserve Fund (Insurance) .. | .. | 17,55 | 17,55 | .. | 9,50 | 9,50 | .. | 14,00 | 14,00 | .. | 20,00 | 20,00 |
| Total .. | 5,83,88 | 27,41,32 | 33,25,20 | 8,30,00 | 28,92,00 | 37,22,00 | 6,22,50 | 29,10,50 | 35,33,00 | 7,50,00 | 32,00,50 | 39,50,50 |

Note.—Due to increase in the rate of Diesel, the expenditure under (d) head Repairs and Maintenance will increase to the tune of Rs. 5.00 lakhs (Approx.) and Rs. 39.00 lakhs (Approx.) in the Budget Estimates for the year 1982-83 and 1983-84, respectively. As the budgets were prepared before increase in rates was announced, the above noted impact has not been given in the budget estimates.

II—FINANCIAL REQUIREMENTS—*contd.*

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | | |
|--|---------------------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|----|
| | Plan (As per revised Budget) | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | Plan | Non- Plan | Total | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| B—Objectwise Classification | | | | | | | | | | | | | |
| (i) Salaries .. | .. | 6,36,82 | 6,36,82 | .. | 6,45,78 | 6,45,78 | .. | 6,92,00 | 6,92,00 | .. | 7,27,75 | 7,27,75 | |
| (ii) Travel Expenses .. | .. | 36,40 | 36,40 | .. | 45,62 | 45,62 | .. | 51,50 | 51,50 | .. | 52,00 | 52,00 | |
| (iii) Office Expenses .. | .. | 24,03 | 24,03 | .. | 28,51 | 28,51 | .. | 24,50 | 24,50 | .. | 25,00 | 25,00 | |
| (iv) Rent and Rate/Taxes .. | .. | 2,87,47 | 2,87,47 | .. | 3,01,68 | 3,01,68 | .. | 2,87,75 | 2,87,75 | .. | 3,19,55 | 3,19,55 | |
| (v) Major Works .. | 39,10 | .. | 39,10 | 60,00 | .. | 60,00 | 1,07,00 | .. | 1,07,00 | 29,80 | .. | 29,80 | |
| (vi) Machinery and Equipments .. | 44 | .. | 44 | 10,00 | .. | 10,00 | 30,00 | .. | 30,00 | 10,00 | .. | 10,00 | |
| (vii) Motor Vehicles .. | 2,00,00 | .. | 2,00,00 | 6,55,00 | .. | 6,55,00 | 1,82,00 | .. | 1,82,00 | 6,05,20 | .. | 6,05,20 | |
| (viii) Maintenance .. | .. | 11,69,42 | 11,69,42 | .. | 12,29,20 | 12,29,20 | .. | 12,01,50 | 12,01,50 | .. | 13,49,50 | 13,49,50 | |
| (ix) Material and Supplies .. | 1,75 | .. | 1,75 | 5,00 | .. | 5,00 | 10,00 | .. | 10,00 | 5,00 | .. | 5,00 | |
| (x) Interest/Dividend .. | 3,42,59 | 2,20,60 | 5,63,19 | 1,00,00 | 2,37,00 | 3,37,00 | 2,93,50 | 2,65,00 | 5,58,50 | 1,00,00 | 2,92,00 | 3,92,00 | |
| (xi) Pension and Gratuity .. | .. | 42,79 | 42,79 | .. | 15,21 | 15,21 | .. | 45,00 | 45,00 | .. | 49,50 | 49,50 | |
| (xii) Motor Transport Reserve Fund (Insurance) .. | .. | 17,55 | 17,55 | .. | 9,50 | 9,50 | .. | 14,00 | 14,00 | .. | 20,00 | 20,00 | |
| (xiii) Motor Transport Reserve Fund (Depreciation) .. | .. | 2,77,12 | 2,77,12 | .. | 3,52,00 | 3,52,00 | .. | 3,00,00 | 3,00,00 | .. | 3,32,20 | 3,32,20 | |
| (xiv) Other Charges .. | .. | 29,12 | 29,12 | .. | 27,50 | 27,50 | .. | 29,25 | 29,25 | .. | 33,00 | 33,00 | |
| Total B—Commercial | 5,83,88 | 27,41,32 | 33,25,20 | 8,30,00 | 28,92,00 | 37,22,00 | 6,22,50 | 29,10,50 | 35,33,00 | 7,50,00 | 32,00,50 | 39,50,50 | |
| C—Sources of Financing | | | | | | | | | | | | | |
| 1. Internal Resources of the Corporation .. | .. | 27,41,32 | 27,41,32 | .. | 28,92,00 | 28,92,00 | .. | 29,10,50 | 29,10,50 | .. | 32,00,50 | 32,00,50 | |
| 2. State Govt./ Central Govt. Contribution and Bank Loans .. | 5,83,88 | .. | 5,83,88 | 8,30,00 | .. | 8,30,00 | 6,22,50 | .. | 6,22,50 | 7,50,00 | .. | 7,50,00 | |
| Total—C | 5,83,88 | 27,41,32 | 33,25,20 | 8,30,00 | 28,92,00 | 37,22,00 | 6,22,50 | 29,10,50 | 35,33,00 | 7,50,00 | 32,00 | 39,50,50 | |

III—EXPLANATION OF FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Direction and Administration Management .. | .. | 1,23,47 | 1,23,47 | .. | 1,53,95 | 1,53,95 | .. | 1,30,50 | 1,30,50 | .. | 1,43,00 | 1,43,00 |

The General Manager is the Executive Head of the PEPSU Road Transport Corporation. He is assisted by the Deputy General Manager, Chief Accounts Officer-cum-Financial Adviser, Administrative Officer, Chief Automobile Engineer and Manager Purchase, and Manager Store for overall controlling the working of the Corporation and Depot Manager, Accounts Officer/Service Engineer at Depots for Management. The expenditure on Direction and Management, works out to 14.72 paise per K.M. on 971.27 lacs Kms. to be covered during the year. Ministerial staff is provided at 0.4 per vehicle.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimate, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---------------------------|-------------------|----------|----------|---------------------------|----------|----------|---------------------------|----------|----------|---------------------------|----------|----------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Operation and Maintenance | 3,42,59 | 22,80,39 | 26,22,98 | 1,00,00 | 23,61,34 | 24,61,34 | 2,93,50 | 24,21,00 | 27,14,50 | 1,00,00 | 26,55,80 | 27,55,80 |

The fleet strength of the Pepsu Road Transport Corporation at the beginning of the year will be 1,075 buses during the year 1983-84 new buses are to be added and thus the fleet strength at the close of year will be 1,147 buses. During the year the fleet will cover 941.97 lakhs effective Kms. and the gross operation including unproductive and unremunerative kilometres is anticipated to 971.27 lakhs kilometres. Drivers and Conductors are provided each at the rate of 1.3 per vehicle, for maintenance. Workshop staff has been provided @ 1.1 per vehicle. Inspectorate staff is provided @ 1.8 of the strength of Conductors.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|---------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Buildings .. | 39,10 | .. | 39,10 | 60,00 | .. | 60,00 | 1,07,00 | .. | 1,07,00 | 29,80 | .. | 29,80 |

With the gradual increase in the fleet strength, it is necessary to establish more depots, so according to norm one depot can control efficiently a fleet of not more than 100 buses. A sum of Rs. 29.80 lakhs has been provided for the completion of bus stands, workshops already in progress and also for constructions of new workshops/Bus Stand buildings.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------|-------------------|----------|-------|---------------------------|----------|---------|----------------------------|----------|-------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Expansion of fleet | .. | .. | .. | 3,89,80 | .. | 3,89,80 | .. | .. | .. | 1,87,20 | .. | 1,87,20 |

During the year 1982-83, 72 new buses are proposed to be added in accordance with the Plan Programme. The expansion of 72 buses will cost of Rs. 187.20 lakhs @ Rs. 2.60 lakhs per vehicle.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Replacement of Buses | 2,00,00 | .. | 2,00,00 | 2,65,20 | .. | 2,65,20 | 1,82,00 | .. | 1,82,00 | 4,18,00 | .. | 4,18,00 |

During the year 1983-84, 160 buses and 2 (Two) Cars are proposed to be replaced in accordance with the Plan Programme. These buses/cars will become due for replacement after completing their prescribed age/kilometrage. The replacement of 160 buses will cost Rs. 418.00 lakhs @ Rs. 2.60 lakhs per vehicle. In addition, 2 cars are also to be replaced, which will cost of Rs. 2.00 lakhs @ Rs. 1.00 lakh per car.

(Rs in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Machinery and Equipments | 44 | .. | 44 | 10,00 | .. | 10,00 | 30,00 | .. | 30,00 | 10,00 | .. | 10,00 |

The Pepsu Road Transport Corporation workshops are not presently fully equipped. Moreover for new depots new Workshops are also to be established. So Rs. 10.00 lakhs have been provided for the machinery and equipments.

(Rs. in thousand)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|-----------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Material and Supplies | 1,75 | .. | 1,75 | 5,00 | .. | 5,00 | 10,00 | .. | 10,00 | 5,00 | .. | 5,00 |

Under this Head Rs. 5.00 lakhs have been provided for the purchase of furniture/fixtures etc.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|----------------------------|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Pension and Gratuity | | 42,79 | 42,79 | | 15,21 | 15,21 | | 45,00 | 45,00 | | 49,50 | 49,50 |

The Pepsu Road Transport Corporation employees are entitled to fifteen days gratuity for each completed year of service. Moreover, the PRTC has also to pay pension contributions to the Punjab State in respect of the staff working on deputation in the Corporation. Rs. 49.50 lakhs have been provided to create liability of gratuity payable to the workers and amount paid to the Punjab Govt. on account of Pension Contribution.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|---|-------------------|----------|---------|---------------------------|----------|---------|----------------------------|----------|---------|---------------------------|----------|---------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs* | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Motor Transport Reserve Fund (Depreciation) | | 2,77,12 | 2,77,12 | | 3,52,00 | 3,52,00 | | 3,00,00 | 3,00,00 | | 3,32,20 | 3,32,20 |

The life of the vehicle (bus) has been fixed 8 years and 4.00 lakhs before the operation of 1st January, 1980 and thereafter the operation is charged on 5.25 lakhs Kms. The cost is thus divided above co-operation for Contributory Depreciation Fund by debit to the Profit and Loss Account. The depreciation of buildings, plant and machinery and furniture has also been provided @ 2%, 10% and 8% respectively.

(Rs. in thousands)

| | Accounts, 1981-82 | | | Budget Estimates, 1982-83 | | | Revised Estimates, 1982-83 | | | Budget Estimates, 1983-84 | | |
|--|-------------------|----------|-------|---------------------------|----------|-------|----------------------------|----------|-------|---------------------------|----------|-------|
| | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total | Plan | Non-Plan | Total |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Motor Transport Reserve Fund (Insurance) | | 17,55 | 17,55 | | 9,50 | 9,50 | | 14,00 | 14,00 | | 20,00 | 20,00 |

The Corporation has taken exemption from insurance of vehicles with any Insurance Company against any loss due to accidents. The Corporation has maintained its own Motor Transport Reserve Fund (Insurance) to meet all expenses due to accidents of vehicles etc.

Working Results of Pepsu Road Transport Corporation, Patiala at a Glance

(Rs in lakhs)

| Serial No. | Particulars | Accounts, 1981-82 | Accounts, 1982-83 (upto 1/83) | Budget Estimates, 1983-84 |
|------------|--|-------------------|-------------------------------|---------------------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | (i) Capital at the beginning of the year | .. 1,499.82 | 1,894.79 | 2,266.35 |
| | (ii) Additional Investment during the year | .. 394.97 | 371.56 | 600.00 |
| | Total | .. 1,894.79 | 2,266.35 | 2,866.35 |
| 2 | Total receipt (Rs. in lakhs) | .. 2,004.91 | 1,727.22 | 2,330.00 |
| 3 | Total Expenditure | .. 2,741.32 | 2,412.03 | 3,200.50 |
| 4 | Gross Profit/Loss on effective (—) | .. 736.41(—) | 684.81(—) | 870.50 |
| 5 | Profit/Loss per Km. (in paise) (—) | .. 80.29(—) | 92.31(—) | 92.42 |
| 6 | Receipt per km. (in paise) | .. 288.04 | 244.60 | 247.35 |
| 7 | Expenditure per kms. (in paise) (on effective) | .. 318.33 | 336.91 | 339.77 |
| 8 | Scheduled kms. per day at the end of the year | .. 2,58,190 | 258,827 | 274,000 |
| 9 | Effective kms. covered (in lakhs) | .. 860.83 | 717.79 | 941.97 |
| 10 | Total Kms. covered (in lakhs) | .. 886.03 | 743.52 | 971.27 |
| 11 | Total fleet strength at the end of the year | .. 1,075 | 1,032 | 1,147 |
| 12 | Average number of buses on route per day | .. 1,000 | 985 | 1,111 |
| 13 | Total Staff strength at the end of the year | .. 5,845 | 5,900 | 6,332 |
| 14 | Break down per 1,000 K.M. (in No.) | .. 0.98 | 1.21 | 1.21 |
| 15 | Kms. covered per bus per day | .. 235 | 229 | 225 |
| 16 | Mileage per litre | .. 3.85 | 3.96 | 4.00 |
| 17 | No. of buses involved in accident (No. of accidents) | .. 288 | 261 | .. |

THE PUNJAB SMALL INDUSTRIES AND EXPORT CORPORATION LIMITED

(I) Introduction

1. YEAR OF INCORPORATION

17th March, 1962, as a Private Limited Company and became a Public Limited Company by virtue of Section 43 of the Companies Act, 1956 in the year 1974.

2. CAPITAL STRUCTURE

(i) **Authorised Capital:** Rs. Seven Crores and Fifty lacs. (7.50 crores).

(2) **Paid up Capital:** Rs. 441.665 lacs up to 1981-82.

3. OBJECTIVES OF THE CORPORATION.

The main objectives for which the corporation was established as laid down in the Memorandum and Articles of Association are to aid, counsel, assist, finance, protect and promote the interest of small scale industries in the State whether owned or run by Government, statutory bodies, companies, firms and individuals. With these objectives in view, the Corporation is carrying on the following activities:—

(I) SUPPLY OF RAW MATERIALS

(i) Procurement and distribution of raw materials.

At present the corporation is dealing with iron and steel, non-ferrous metals, fatty acids, and cane for sports goods. It is proposed to procure and distribute other items, such as viscose, yarn, rubber HDPE and other chemicals. Goods are procured from various suppliers, mostly in the public sector, such as, M/s Steel Authority of India, Tata Iron and Steel Company, Indian Iron and Steel Company, State Trading Corporation Ltd. and other sources from which it can procure at the cheapest rates for distribution amongst the small scale units of the Punjab State according to their assessed capacities. The Corporation charges specified handling expenses as fixed by the Board of Directors from time to time. The distribution of various categories of raw materials is being done through its depots located at Ludhiana, Jullundur, Amritsar, Patiala, Goraya, Malerkotla, Batala, Kartarpur, Mohali, Malout, Moga, Mandigobindgarh and Hoshiarpur.

(ii) Consignment Agencies on behalf of main producers.

The Corporation has been awarded the consignment agencies by Steel Authority of India Ltd. (at Ludhiana and Mandi Gobindgarh) and by M/s Indian Iron and Steel Company and M.M.T.C. (at Ldh.)

(II) CREATING OF INFRASTRUCTURE FACILITIES

This scheme was entrusted to the Corporation by the Government during 1973. Under this scheme. Punjab Government is to develop industrial focal growth points at about 30 places including Sports Goods Complex at Jullundur to promote industrialisation by providing systematically developed industrial plots at reasonable prices to the small entrepreneurs. Under this programme, work at 15 places is near completion. Pricing of plots is being done on 'No profit no loss' basis. About 2,000.00 acres of land has been/being developed. So far 1558 Nos. of plots have been allotted. Work under 'Self Financing Scheme' as approved by the Government will be taken in hand at Doraha, Dera-Bassi and Malerkotla to start with

The above scheme is financed as under:—

(a) In the case of cost of development of land, 30% is given by the Government as seed money at 12% interest repayable in 8 equal instalments after holiday of three years and the remaining 70% funds are arranged from the financial institutions including banks.

Execution of these works is being done as per specifications laid down, keeping in view the requirements of the allottees and on the basis of the competitive rates settled as per P.W.D. procedure.

(ii) Engineering Consultancy.

PSIEC has started Construction Work of PFC- Building in Chandigarh worth Rs. 50 lacs (app.) Second Civil Works for construction of sheds/ administrative block for 'Panipat Woollen Mills' of NTC at Kharar worth Rs. 50 lacs is also in progress.

It is expected that construction work of 'Udyog Bhavan' worth Rs. 1 Crore shall also be undertaken by Engg. Wing.

(III) MARKETING

(i) Internal Marketing:

Realising the need for an integrated marketing strategy for the small scale units, the Corporation has created a full-fledged Marketing Division on assisting the SSI Units in the marketing of their products under the Marketing Assistance Schemes. Under this scheme, the Corporation is not only selling their products within and outside the State, but also helps the buyers in getting quality goods at competitive rates. The main buyers of these products are DGS and D, Controller of Stores of various States, Police, Home Guards and various Central/ State Government Depts./Undertakings.

(ii) Trade Centres

A trade centre at Ludhiana has been set up with the aid of Government of Punjab and India. This trade centre acts as a show window for the industrial products of the State in order to promote their marketability abroad as well as within the Country. The trade centre has an Exhibition Hall, where products of different companies are on permanent display and facilities for the collection and dissemination of marketing intelligence are available. Its aim is to promote and develop marketing for small industries products.

(iii) Participation in exhibitions and fairs

The Corporation has been participating in the exhibition and trade fairs organised throughout the country on the directions of the State Government, in order to popularise and market the products of the State Marketing. This promotional programme involves a substantial expenditure every year and the approximate amount comes to Rs. 3.00 lacs per annum by way of participation in different exhibition and trade fairs with the country. Being a promotional activity, the expenditure incurred is generally many times more than the immediate returns from the exhibitions.

(iv) C.I. Pipe Agency.

The Corporation is a sole selling agent of M/s Indian Iron & Steel Co. and M/s IISCO Foundry Company, Ujjain, a Government of India Undertaking, for their C.I. Spun Pipes for the Territory of Punjab State and as such fetching orders from various State Government Departments/Agencies for supply to them of these products on behalf of its principals.

(v) Cane Agency for S.G.E.P.C.

The basic raw material for manufacturing of sports goods is being procured by the Corporation from sports and Exports Promotion Council for supply to the Small manufacturing units of Sports Goods with small commission of 5% to cover actual expenditure

(IV) GOVERNMENT HOSIERY WORK CENTRE

Government Hosiery Work Centre, Ludhiana manufactured hosiery goods for Home-guard, Police and Defence personnel. In the past, it was approved house of supply to these agencies. Now that status having changed, this Centre has stopped its production.

(V) DEVELOPMENT OF HANDICRAFTS

(i) Emporia Organisation

The Corporation is running a chain of emporia for marketing handloom/State Handicrafts. For this purpose, the Corporation has emporia at Amritsar, Jullundur, Ludhiana, and Patiala within the territory of Punjab.

The Corporation has an emporium at Chandigarh and similar emporia at New Delhi, Kanpur, Bombay and Calcutta. The emporium at Kanpur was set up during 1981-82. These emporia sell most of the products of Punjab state, thereby, assisting in the marketing operation of units in Punjab.

(ii) Setting up of Handicrafts Cell

The State Government with the aid and assistance of Development Commissioner (Handicrafts), New Delhi has established an exclusive handicraft cell in Punjab Small Industries & Export Corporation Ltd. for the promotion and development of handicrafts.

10—Carpet Weaving Training Centres established during 1978-79 have since been merged into 6-regular production centres, which are located in the districts of Amritsar and Gurdaspur.

(VI) EXPORT

In the modern days export plays a pivotal role in the economic uplift of the country. Therefore, in the present economic conditions of the world most of the developing countries like ours, are striving for better export markets with large turnovers every year in order to fulfil their foreign exchange requirements. To achieve this objective, PSIEC is providing the much needed help and guidance to prospective exporters of the State of Punjab to stimulate their exports.

To supplement its efforts and to boost the export from the Punjab, this Corporation has taken up a number of measures which includes:—

- (a) to send delegations to various countries comprising one or two officers of the Corporation alongwith a few representative from industries, to study the foreign markets.
- (b) to evolve standards, printing catalogues and to release advertisements in the foreign dailies etc., etc.

International Trade Fairs/Exhibitions are organized by a number of foreign countries as well as various Export Promotional Councils/Trade Fair Authority of India to organize their own such fairs in other countries. These fairs help the exporters to acquaint themselves with the technical developments taking place in the world and give them first hand knowledge about the price and quality of products in other markets. This Corporation in order to create foreign markets for the Punjab products participates in such International Trade Fairs/ Exhibitions. During the year 1983-84, it is proposed to participate in three such fairs in different parts of the World. The Fair/Exhibition in which this Corporation is to participate is selected on receipt of lists drawn by various Central Organizations for this purpose. An expenditure of Rs. 3.00 lacs is involved in such participation.

During the year 1981-82 and 1982-83 this Corporation participated in the following two fairs/exhibition:

- (i) Indian Trade Exhibition, Bahrain.
- (ii) Indian Trade Exhibition, Kuala Lumpur (Malaysia) and also considering to participate in one or two more such fairs/ exhibitions in the current year.

As a result of participation in the fairs, this Corporation besides generating a number of export enquires benefitting directly SSI units of the State, has been able to export its own various products as manufactured in the State.

The likely expenditure is proposed to be met out of the grants made available by the State Government as well as the assistance allowed by the Government of India under MDA Scheme.

VII. ADMINISTRATION

The Management of Corporation is vested in the Board of Directors comprising Officers of the Punjab State Government. The day-to-day administration is carried out by the Managing Director who is assisted by the Joint Managing Director, Chief Engineer assisted by Executive Engineers, General Manager (Finance) assisted by Finance Officer, A.O., AAO, General Manager (Raw Material), Secretary, General Manager (Marketing), Administrative Officer, Liaison Officer, Assistant Manager and other staff at Headquarters.

FINANCIAL REQUIREMENTS

(Rs. in thousands)

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|--|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| A. Programme/Activity Classification | | | | |
| I. Supply of raw material— | | | | |
| (i) procurement and distribution of raw materials .. | 30,42,83 | 43,00,00 | 35,04,00 | 39,00,00 |
| (ii) Consignment Agencies on behalf of main producers | 1,01,65 | 76,00 | 1,06,00 | 1,16,00 |
| II. Creating Infrastructure Facilities— | | | | |
| (i) Development of Plots .. | 80,63 | 60,00 | 1,15,00 | 1,15,00 |
| (ii) Engg. Consultancy .. | 2,00 | 2,60 | 3,00 | 3,30 |
| III. Marketing— | | | | |
| (i) Internal Marketing .. | 31,34 | 44,00 | 50,00 | 60,00 |
| (ii) Trade Centres .. | 1,40 | 3,50 | 2,00 | 3,50 |
| (iii) Participation in exhibition fairs .. | 1,85 | 3,30 | 3,00 | 3,30 |
| (iv) C.I. Pipes Agency .. | 25 | 25 | 30 | 33 |
| (v) Cane Agency for SGEPC .. | 50 | 1,00 | 50 | 1,00 |
| Government Hosiery Work Centre, Ludhiana .. | 2,07 | .. | 50 | .... |
| IV. Development of handicrafts — | | | | |
| (i) Emporia Organisation .. | 1,67,55 | 1,83,00 | 1,94,00 | 2,13,00 |
| (ii) Setting up of handicrafts .. | 5,10 | 75 | 4,80 | 5,30 |
| Exports— | | | | |
| (i) Export .. | 22,19 | 1,10,00 | 34,00 | 35,00 |
| (ii) Participation in international fairs .. | 1,50 | 3,00 | 3,00 | 3,00 |
| (iii) Export promotion subsidy assistance for different items .. | .. | 7,50 | .. | .... |
| V. Administrative/over head expenses (including taxes) .. | 1,55,83 | 1,80,00 | 1,70,50 | 1,87,00 |
| VI. Acquisition of equipment, etc. .. | 1,00 | 1,90 | 19,35 | 19,00 |
| Total .. | 36,17,69 | 49,76,80 | 42,05,95 | 46,64,73 |

Objectwise Clarification

| | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|--|
| 1. Expenses in Corporation other than Hosiery work centre and Emporia— | | | | | |
| (a) Establishment charges .. | 70,71 | 70,75 | 76,00 | 83,00 | |
| (b) Travelling expenses .. | 5,00 | 10,00 | 6,00 | 7,00 | |
| (c) Working expenses including taxes .. | 80,12 | 1,00,00 | 83,00 | 97,00 | |
| (d) Purchases of materials .. | 30,42,83 | 43,00,00 | 35,04,00 | 39,00,00 | |
| (e) Handling agency .. | 1,01,65 | 76,00 | 1,06,00 | 1,16,00 | |
| (f) Marketing division .. | 35,34 | 52,05 | 55,80 | 68,13 | |
| (g) Export .. | 23,69 | 1,20,50 | 38,00 | 38,00 | |
| (h) Development of Indl. Focal Points and Engg. Consultancy .. | 82,63 | 62,60 | 1,18,00 | 1,18,30 | |
| (i) Capital expenses (land building and office equipment) .. | 1,00 | 1,90 | 19,35 | 19,00 | |
| Total (B-1) .. | 34,42,97 | 47,93,80 | 40,06,15 | 44,46,43 | |

| | Actuals, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|---------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| 2. Government Hosiery Work Centre, Ludhiana— | | | | |
| (a) Establishment charges .. | 89 | .. | 30 | .. |
| (b) Travelling expenses .. | 10 | .. | 5 | .. |
| (c) Purchase of materials .. | .. | .. | .. | .. |
| (d) Other overheads .. | 1,08 | .. | 15 | .. |
| (e) Production expenses .. | .. | .. | .. | .. |
| (f) Capital expenses (Building machinery and other equipments) .. | .. | .. | .. | .. |
| Total (B—2) .. | 2,07 | .. | 50 | .. |
| 2. Emporia Organisation/Handicraft— | | | | |
| (a) Establishment charges .. | 24,04 | 22,00 | 24,00 | 27,00 |
| (b) Travelling expenses .. | 70 | 70 | 70 | 80 |
| (c) Other expenses .. | 6,97 | 5,00 | 5,65 | 6,20 |
| (d) Purchase of materials .. | 1,40,94 | 1,54,00 | 1,59,80 | 1,79,30 |
| (e) Capital expenses (land building and office equipment) .. | .. | 1,30 | 8,65 | 5,00 |
| Total (B—3) .. | 1,72,65 | 1,83,00 | 1,98,80 | 2,18,30 |
| Total (B 1,2,3,) .. | 36,17,65 | 49,76,80 | 42,04,95 | 46,64,73 |

Notes:

1. All the figures in the tables are for the financial year of the Corporation beginning from 1st July and ending 30th June each year. These are subject to the finalisation/audit of balance sheet for the year 1981-82.
2. Sources of financing.

The entire expenses of the business and establishment are being met out of the share capital, loans and reserves/seed money.

EXPLANATION OF FINANCIAL REQUIREMENTS

The financial requirement of various schemes and performance are given in the following tables:—

TABLE-I-A

(Rs in thousand)

| Procurement and distribution of raw materials | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---|----------------------|---------------------------------|----------------------------------|---------------------------------|
| | Rs | Rs | Rs | Rs |
| 1. Value of material procured .. | 30,42,83 | 43,00,00 | 35,04,00 | 39,00,00 |
| 2. Value of material to be distributed .. | 31,50,59 | 44,05,00 | 36,04,00 | 40,05,00 |
| Gross Profit .. | (+)1,07,76 | (+)1,05,00 | (+)1,00,00 | (+)1,05,00 |

(x1)

TABLE-II-A

Marketing Division

Internal Marketing

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| Purchase .. | 31,34 | 44,00 | 50,00 | 55,00 |
| Sales .. | 32,82 | 45,00 | 51,00 | 56,00 |
| Profit (+) Loss (-) | (+)1,48 | (+)1,00 | (+)1,00 | (+)1,00 |

TABLE-III-A

Emporia Organisation

| | | | | |
|---------------------|----------|---------|----------|---------|
| Purchase .. | 1,67,55 | 1,83,00 | 1,98,80 | 2,18,30 |
| Sales .. | 1,81,55 | 1,85,00 | 1,85,80 | 2,20,30 |
| Profit (+) Loss (-) | (+)14,00 | (+)2,00 | (-)13,00 | (+)2,00 |

EXPORT

| | Accounts, 1981-82 | Budget Estimates, 1982-83 | Revised Estimates, 1982-83 | Budget Estimates, 1983-84 |
|---------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| To be purchased .. | 21,69 | 1,10,00 | 28,00 | 32,00 |
| To be exported .. | 22,19 | 1,12,20 | 30,00 | 35,00 |
| Profit (\pm) Loss (-) | (+)50 | (+)2,20 | (+)2,00 | (+)3,00 |

Sanctioned Strength as on 30th November, 1982

| Serial No. | Designation of Post | Pay Scale | Sanctioned Posts |
|---------------|--|--------------|---------------------|
| 1 | Managing Director | .. I.A.S. | 1 |
| 2 | Jt. Managing Director | .. P.C.S. | 1 |
| 3 | Marketing Manager (HO) | .. 2000—2750 | 1 |
| 4 | General Manager (Finance) | .. 2200—2750 | 1 |
| 5 | General Manager (Marketing) | .. 2200—2750 | 1 |
| 6 | General Manager (Raw Material) | .. 2200—2750 | 1 |
| 7 | General Manager (Emporia and Handicrafts) | .. 2200—2750 | 1 |
| 8 | Chief Engineer | .. 2100—2500 | 1 |
| 9 | Regional Manager (Marketing) (Bombay and Calcutta) | .. 2000—2250 | 2 |
| 10 | Executive Engineer | .. 1400—2100 | 4 |

| Serial No. | Designation of Post | Pay Scale | Sanctioned Posts |
|------------|---|--------------|------------------|
| 11 | Divisional Town Planner | .. 1400—2100 | 1 |
| 12 | Manager (Audit) | .. 1400—2000 | 1 |
| 13 | Secretary | .. 1200—1850 | 1 |
| 14 | Dy. General Manager | .. 1200—1850 | 1 |
| 15 | Deputy Manager (Marketing and P.T.C.) | .. 1200—1850 | 2 |
| 16 | Accounts Officer | .. 1200—1850 | 2 |
| 17 | Liaison Officer | .. 1200—1850 | 1 |
| 18 | Project Manager (H) | .. 1200—1850 | 1 |
| 19 | Senior Sales Manager (Delhi, Kanpur, Bombay & Calcutta) | .. 1200—1850 | 4 |
| 20 | Sub-Divisional Engineer | .. 940—1850 | 9 |
| 21 | Asstt. Town Planner | .. 940—1850 | 2 |
| 22 | Sr. Sales Manager (Chandigarh) | .. 850—1700 | 1 |
| 23 | Administrative Officer | .. 825—1580 | 1 |
| 24 | Field Officer | .. 825—1580 | 6 |
| 25 | Asstt. Accounts Officer (including Finance Officer) | .. 825—1580 | 5 |
| 26 | Asstt. Audit Officer | .. 825—1580 | 1 |
| 27 | Asstt. Manager | .. 825—1580 | 5 |
| 28 | Development Officer | .. 825—1580 | 1 |
| 29 | Carpet Training Officer | .. 825—1580 | 5 |
| 30 | Marketing Analyst | .. 825—1580 | 1 |
| 31 | Assistant Secretary | .. 825—1580 | 1 |
| 32 | Sales Manager (Patiala, Ludhiana Jullundur & ASR) | .. 825—1580 | 4 |
| 33 | Security Officer | .. 825—1580 | 1 |
| 34 | PA/Managing Director | .. 800—1400 | 1 |
| 35 | Sr. Draftsman | .. 800—1400 | 2 |
| 36 | Sr. Auditor | .. 750—1300 | 1 |
| 37 | Superintendent | .. 750—1,300 | 1 |
| 38 | Section Officer/Asstt. Admn. Officer | .. 750—1,300 | 7 |
| 39 | Accountant/Sr. Auditor | .. 750—1,300 | 16 |
| 40 | Depot Manager/Tech. Asstt. | .. 750—1,300 | 6 |
| 41 | Head Draftsman | .. 700—1,200 | 3 |
| 42 | Sectional Officer | .. 700—1,200 | 27 |
| 43 | Jr. Draftsman | .. 700—1,200 | 1 |
| 44 | Sr. Scale Stenographer | .. 600—1,120 | 14 |
| 45 | Assistant Godown Supervisor/Cashier | .. 600—1,120 | 85 |
| 46 | Sr. Sales Girl | .. 600—1,120 | 8 |

| Serial No. | Designation of posts | Scale of Pay | No. of posts |
|------------|---|-----------------------------------|-----------------|
| 1 | 2 | 3 | 4 |
| | | Rs. | |
| 47 | Store-Keeper | .. 570—1,080 | 2 |
| 48 | Accountant | .. 570—1,080 | 2 |
| 49 | Asstt. Draftsman | .. 570—1,080 | 4 |
| 50 | Sr. Sales Girl | .. 570—1,080 | 5 |
| 51 | Asstt. Cashier/Store-Keeper | .. 510—880 | 3 |
| 52 | Jr. Scale Stenographer | .. 510—880 | 6 |
| 53 | Assistant Sales Girl | .. 510—880 | 6 |
| 54 | Asstt. Acctt./Jr. Assistant | .. 510—880 | 47 |
| 55 | Telephone Operator | .. 400—600 + Rs. 25 S.P. | 2 |
| 56 | Steno-typist | .. 400—600 + Rs. 25 S.P. | 25 |
| 57 | Display Artist-cum-Sales Girl | .. 400—600 + Rs. 25 S.P. | 3 |
| 58 | Cashier | .. 400—600 + Rs. 25 S.A. | 4 |
| 59 | Driver/Van Driver | .. 400—600 + Rs. 100 S.P. | 9 |
| 60 | Telex Operator | .. 400—600 + Rs. 25 | 4 |
| 61 | Sub-Divisional Clerk | .. 400—600 | 133 |
| 62 | Clerk/Salesman/Production Clerk/Sales Girl/Typist | .. 400—600 | 1899 |
| 63 | Azo Printer | .. 400—600 | 11 |
| 64 | Electrician | .. 400—600 | 1 |
| 65 | Gestetner Operator | .. 400—600 | 1 |
| 66 | Tracer | .. 400—600 | 44 |
| 67 | Restorer | .. 400—600 | 11 |
| 68 | Peon/Messenger/Helper | .. 300—430 | 1244 |
| 69 | Chowkidar | .. 300—430 | 1583 |
| 70 | Carpenter | .. 400—600 | |
| 71 | Sweeper | .. 300—430 | 1 |
| 72 | Lift Attendant | .. 300—430 | 22 ⁷ |
| 73 | Daftri/Packer | .. 300—430 20 S.P. | 11 |
| 74 | Master Craftsman Weaver | .. 500 fixed | 200 |
| 75 | Asstt. Craftsman Weaver | .. 400 fixed | 200 |
| 76 | Part-time Sweeper | .. 250 fixed | 6 |
| 77 | Asstt, Carpet Trg. Officer | .. 800 fixed | 1 |
| 78 | Master Craftsman. | .. 600 fixed | 2 |
| 79 | Sales Girl | .. 400 fixed plus commis- sion | 5 |
| 80 | Peon-cum-Chowkidar | .. 400 fixed | 11 |
| | Total | | 9433 |

Sub. National Systems Unit,
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