



FACT BOOK

ON

MANPOWER

FOR

GOA, DAMAN & DIU

(PART II)

Manpower Series No. 2

DEPARTMENT OF PLANNING & STATISTICS
GOVERNMENT OF GOA, DAMAN AND DIU

PREFACE

This issue of the Fact Book on Manpower is the second in the series brought out by this Department. Manpower Planning means the total process by which proper development and wise utilisation of human resources of a nation is achieved in attaining the objective to which the nation has committed itself. For the purpose of developing manpower resources and to meet the needs of developing economy, it is essential that basic data on manpower and manpower-resources are presented systematically for the benefit of planners and administrators.

An attempt has been made in this publication to provide the available manpower statistics relating to this Territory and it is hoped that this publication would be of great utility to all those engaged on manpower planning and also on the study of manpower problems.

Part I and Part III of this publication have already been published earlier. This volume presents Part II : 'Education and Training'.

The Department of Planning and Statistics takes this opportunity to thank the different Departments of this Administration for the kind co-operation they have extended in bringing out this Publication.

Panaji,

January, 1980.

S. K. GANDHE

Director of Planning and Statistics.

ABBREVIATIONS

— = Nil Information

N.A. = Data not Available

P. = Provisional

Sub. National Systems Unit
National Institute of Educational
Planning and Administration
17-B, Sri Aurobindo Marg, New Delhi 110016
DOC. No..... 316
Date..... 17/1/82

LIST OF TABLES

PART II

SECTION 1

Literacy and Standards of Educational Attainment

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|---|----------|
| 1. | 1.1 | Number of Literates in Goa, Daman and Diu by Talukas and Sex, 1971 | 3 |
| 2. | 1.2 | General Literacy Rates in Goa, Daman and Diu by Talukas, 1971 and 1961 | 4 |
| 3. | 1.3 | General Literacy Rates in India by Sex, 1961 and 1971 | 5 |
| 4. | 1.4 | General Literacy rates in Goa, Daman and Diu by Rural and Urban, Talukas and Sex, 1971 | 6 |
| 5. | 1.5 | Distribution of Population of Goa, Daman and Diu by General Education Standards, Age-groups and Sex, 1971 | 7 |
| 6. | 1.6 | Percentage Distribution of Population of Goa, Daman and Diu by General Education Standards, Age-groups and Sex, 1971 | 8 |
| 7. | 1.7 | Distribution of Rural Population of Goa, Daman and Diu by General Education Standards, Age-group and Sex, 1971 | 9 |
| 8. | 1.8 | Percentage Distribution of Rural Population of Goa, Daman and Diu by General Education Standards, Age-groups and Sex, 1971 | 10 |
| 9. | 1.9 | Distribution of Urban Population of Goa, Daman and Diu by General Education Standards, Age-groups and Sex, 1971 | 11 |
| 10. | 1.10 | Percentage Distribution of Urban Population of Goa, Daman and Diu by General Education Standards, Age-groups and Sex, 1971 | 12 |
| 11. | 1.11 | Distribution of Urban Population of Goa, Daman and Diu by Branches of Professional Education (Degree or Diploma equal to Degree), Age-group and Sex, 1971 ... | 13 |
| 12. | 1.12 | Progress of Social/Adult Education in Goa, Daman and Diu, 1964-65 to 1977-78 | 14 |
| 13. | 1.13 | Progress of Social/Adult Education in Goa, Daman and Diu by Talukas and Sex, 1977-78 | 15 |
| 14. | 1.14 | Total Enrolment in Educational Institutions by Sex and their percentage to the Population in Goa, Daman and Diu, 1964-65 to 1977-78 | 16 |

SECTION 2

General School Stage Education

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|--|----------|
| 1. | 2.1 | Growth in the Number of General School Stage Education Institutions in Goa, Daman and Diu, 1962-63 to 1977-78 | 19 |
| 2. | 2.2 | Percentage Distribution of Different School Sections in Goa, Daman and Diu, According to their being Located in Primary, Middle and Secondary Schools, 1977-78 | 20 |
| 3. | 2.3 | Percentage Distribution of Different School Sections in Goa, Daman and Diu by Enrolment. Size and Rural and Urban 1977-78 | 21 |
| 4. | 2.4 | Distribution of Primary Schools or Sections by Talukas and Enrolment, 1977-78 | 22 |
| 5. | 2.5 | Percentage Distribution of Primary Schools or Sections by Talukas and Enrolment, 1977-78 | 23 |
| 6. | 2.6 | Distribution of Middle Schools/Sections by Talukas and Enrolment, 1977-78 | 24 |
| 7. | 2.7 | Percentage Distribution of Middle Schools/Sections by Talukas and Enrolment, 1977-78 | 25 |
| 8. | 2.8 | Distribution of High/Higher Secondary Schools or Sections by Talukas and Enrolment, 1977-78 | 26 |
| 9. | 2.9 | Percentage Distribution of High/Higher Secondary Schools or Sections by Talukas and Enrolment, 1977-78 | 27 |
| 10. | 2.10 | Percentage Distribution of Different Schools/Sections in Goa, Daman and Diu by Rural and Urban, According to Number of Teachers, 1977-78 | 28 |
| 11. | 2.11 | Enrolment in Primary, Middle and High/Higher Secondary Classes in Goa, Daman and Diu, alongwith Percentage of respective Age Groups by Sex, 1968-69 to 1977-78 | 29 |
| 12. | 2.12 | Progress of Pre-primary Education Enrolment in Goa, Daman and Diu, 1964-65 to 1977-78 | 30 |
| 13. | 2.13 | Progress of Primary Education Enrolment in Goa, Daman and Diu, 1964-65 to 1977-78 | 31 |
| 14. | 2.14 | Progress of Middle School Education Enrolment in Goa, Daman and Diu, 1964-65 to 1977-78 | 32 |
| 15. | 2.15 | Progress of High/Higher Secondary Education Enrolment in Goa, Daman and Diu, 1964-65 to 1977-78 | 33 |
| 16. | 2.16 | Progress of General School Education in Rural Areas of Goa, Daman and Diu by Stages, 1976-77 and 1977-78 | 34 |
| 17. | 2.17 | Distribution of Class-wise Enrolment in Goa, Daman and Diu, by Rural/Urban and Sex, 1977-78 | 35 |
| 18. | 2.18 | Age-composition of Enrolment in Class I in Goa, Daman and Diu, 1964-65 to 1971-72 | 36-37 |
| 19. | 2.19 | Enrolment in General School Education by Stages in Goa, Daman and Diu, 1964-65 to 1977-78 | 38 |
| 20. | 2.20 | Enrolment in Classes I to V in Goa, Daman and Diu and Percentage Annual Increase by Sex, 1964-65 to 1977-78 | 39 |
| 21. | 2.21 | Enrolment in Classes VI to VIII in Goa, Daman and Diu and Percentage Annual Increase by Sex. 1964-65 to 1977-78 | 40 |

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|---|----------|
| 22. | 2.22 | Enrolment in Classes IX to XI in Goa, Daman and Diu and Percentage Annual Increase by Sex, 1964-65 to 1977-78 | 41 |
| 23. | 2.23 | Total Enrolment and Percentage Distribution of Pupils in Classes I to V in Goa, Daman and Diu by Age-Groups, 1964-65 to 1971-72 | 42 |
| 24. | 2.24 | Total Enrolment and Percentage Distribution of Pupils in Classes VI to VIII in Goa, Daman and Diu by Age-Groups, 1964-65 to 1971-72 | 43 |
| 25. | 2.25 | Total Enrolment and Percentage Distribution of Pupils in Classes IX to XI in Goa, Daman and Diu by Age-Groups, 1964-65 to 1971-72 | 44 |
| 26. | 2.26 | Enrolment in Classes I to V in Goa, Daman and Diu by Talukas and Sex, 1972-73 to 1977-78 | 45 |
| 27. | 2.27 | Enrolment in Classes VI to VIII in Goa, Daman and Diu by Talukas and Sex, 1972-73 to 1977-78 | 46 |
| 28. | 2.28 | Enrolment in Classes IX to XI in Goa, Daman and Diu by Talukas and Sex, 1972-73 to 1977-78 | 47 |
| 29. | 2.29 | Outturn of Primary, Middle and High/Higher Secondary Examination in Goa, Daman and Diu 1964-65 to 1977-78 | 48 |
| 30. | 2.30 | Teacher-Pupil Ratios for General School Stage Education in Goa, Daman and Diu, 1965-66 to 1977-78 | 49 |
| 31. | 2.31 | Progress in General School Education in Selected States of India, 1971-72 and 1972-73 | 50-51 |
| 32. | 2.32 | Number of Students Enrolled in Pre-primary Stage in Selected States of India, 1970-71 and 1971-72 | 52-53 |
| 33. | 2.33 | Number of Students Enrolled in Primary Stage (Classes I to V) in Selected States of India, 1971-72 and 1972-73 | 54-55 |
| 34. | 2.34 | Number of Students Enrolled in Middle Stages (Classes VI to VIII) in Selected States of India, 1971-72 and 1972-73 | 56-57 |
| 35. | 2.35 | Number of Students Enrolled in High/Higher Secondary Stages (Classes IX and above) in Selected States of India, 1971-72 and 1972-73 | 58-59 |

SECTION 3

Vocational and Technical School Education

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|--|----------|
| 1. | 3.1 | Number of Vocational and Technical Schools in Goa, Daman and Diu by type of Institutions, 1967-68 to 1977-78 | 62-63 |
| 2. | 3.2 | Number of Vocational and Technical Institutes other than Teaching in Goa, Daman and Diu by Management 1967-68 to 1977-78 | 64 |
| 3. | 3.3 | Enrolment in Vocational and Technical Schools in Goa, Daman and Diu, 1967-68 to 1977-78 | 65-66 |
| 4. | 3.4 | Intake in Industrial Training Institutes of Goa, Daman and Diu, 1966-67 to 1977-78 | 67 |
| 5. | 3.5 | Intake in Industrial Training Institutes of Goa, Daman and Diu by Trades, 1966-67 to 1977-78 | 68 |
| 6. | 3.6 | Outturn of Industrial Training Institutes of Goa, Daman and Diu by Trades, 1966-67 to 1976-77 | 69 |

SECTION 4

University Education

| Sr. No. | Table No | Title | Page No |
|---------|----------|--|---------|
| 1. | 4.1 | Number of Colleges in Goa, Daman and Diu by Type of Management, 1962-63 to 1977-78 | 72 |
| 2. | 4.2 | Distribution of Affiliated Colleges in Goa, Daman and Diu by Size of Enrolment 1977-78 | 72 |
| 3. | 4.3 | Number of Students in Colleges in Goa, Daman and Diu per million of population, 1962-63 to 1977-78 | 73 |
| 4. | 4.4 | Number of Students in Colleges in Goa, Daman and Diu by Stages, 1964-65 to 1977-78 | 73 |
| 5. | 4.5 | Number of Students in Colleges in Goa, Daman and Diu by Faculties, 1967-68 to 1977-78 | 74 |
| 6. | 4.6 | Percentage Distribution of Students in Colleges in Goa, Daman and Diu by Faculties, 1967-68 to 1977-78 | 74 |
| 7. | 4.7 | Number of Women Students in Colleges in Goa, Daman and Diu, 1962-63 to 1977-78 | 75 |
| 8. | 4.8 | Teacher - Pupil Ratio, in Colleges of Goa, Daman and Diu, 1963-64 to 1977-78 | 75 |

SECTION 5

Arts and Science Education

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|---|----------|
| 1. | 5.1 | Number of Arts and Science Colleges in Goa, Daman and Diu by Type of Management, 1962-63 to 1977-78 | 78 |
| 2. | 5.2 | Number of Arts and Science Colleges in Goa, Daman and Diu and Enrolment therein by Sex, 1962-63 to 1977-78 ... | 78 |
| 3. | 5.3 | Number of Arts and Science Colleges in Goa, Daman and Diu and Enrolment therein by Rural/Urban, 1962-63 to 1977-78 | 79 |
| 4. | 5.4 | Out-turn of Arts Education in Goa, Daman and Diu by Stages, 1962-63 to 1977-78 | 79 |
| 5. | 5.5 | Out-turn of Science Education in Goa, Daman and Diu by Stages, 1962-63 to 1977-78 | 80 |
| 6. | 5.6 | Number of Students in Arts Education in Goa, Daman and Diu by Stages and Talukas, 1976-77 and 1977-78 | 80 |
| 7. | 5.7 | Percentage Distribution of number of Students in Arts Education in Goa, Daman and Diu by Stages and Talukas, 1976-77 and 1977-78 | 811 |
| 8. | 5.8 | Number of Students in Science Education in Goa, Daman and Diu by Stages and Talukas, 1976-77 to 1977-78 | 811 |
| 9. | 5.9 | Percentage Distribution of Number of Students in Science Education in Goa, Daman and Diu by Stages and Talukas, 1976-77 and 1977-78 | 811 |
| 10. | 5.10 | Students Enrolment in Arts and Science Colleges in Selected States of India, 1971-72 and 1972-73 | 82-833 |

SECTION 6

Commerce Education

| Sr. No. | Table No. | Title | Page No |
|---------|-----------|---|---------|
| 1. | 6.1 | Number of Commerce Colleges in Goa, Daman and Diu and Enrolment therein by Stages, 1966-67 to 1977-78 | 86 |
| 2. | 6.2 | Number of Commerce Colleges in Goa, Daman and Diu and their Enrolment and Out-turn by Sex, 1970-71 to 1977-78 | 86 |
| 3. | 6.3 | Out-turn of Commerce Education in Goa, Daman and Diu by Stages, 1970-71 to 1977-78 | 87 |
| 4. | 6.4 | Percentage of passing in Different Examinations of Commerce Education in Goa, Daman and Diu, 1970-71 to 1977-78 | 87 |
| 5. | 6.5 | Progress in Commerce College Education in Selected States of India, 1971-72 and 1972-73 | 88 |
| 6. | 6.6 | Students Enrolment in Commerce Colleges in Selected States of India, 1971-72 and 1972-73 | 89 |

SECTION 7

Engineering and Technological Education

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|---|----------|
| 1. | 7.1 | Number of Engineering Colleges (Degree Courses) in Goa, Daman and Diu with figures of Intake and Out-turn 1967-68 to 1977-78 | 92 |
| 2. | 7.2 | Number of Engineering Diploma Institutions in Goa, Daman and Diu with figures of Intake and Out-turn, 1963-64 to 1977-78 | 93 |
| 3. | 7.3 | Out-turn of Engineering Graduates in Goa, Daman and Diu by Specialities, 1970-71 to 1977-78 | 93 |
| 4. | 7.4 | Sanctioned Intake and Out-turn of Engineering Diploma Holders in Goa, Daman and Diu by Specialities, 1970-71 to 1977-78 | 94 |
| 5. | 7.5 | Progress of Engineering, Technology and Architecture Colleges in Selected States of India, 1971-72 and 1972-73 | 95 |
| 7. | 7.6 | Students Enrolment in Engineering, Technology and Architecture Degree Colleges in Selected States of India, 1970-71 and 1971-72 | 96 |

SECTION 8

Health and Medical Education

| Sr. No. | Table No. | Title | Page No. |
|---------|-----------|--|----------|
| 1. | 8.1 | Number of Medical Colleges in Goa, Daman and Diu with Figures of Intake and Out-turn, 1963-64 to 1977-78 | 98 |
| 2. | 8.2 | Out-turn of M.B.B.S. Doctors and Post-Graduate Doctors in Goa, Daman and Diu, 1968-69 to 1977-78 | 99 |

| Sr. No. | Table No. | Title | Page No |
|---------|-----------|--|------------|
| 3. | 8.3 | Percentage Distribution of Students Passing M.B.B.S. Final Examination in Goa, Daman and Diu by Period for 1963-64 to 1973-74 Batches | 100 to 103 |
| 4. | 8.4 | Pattern of M.B.B.S. Student — Progress in Medical College of Goa, Daman and Diu by Sex, 1963-64 to 1973-74..... | 104-105 |
| 5. | 8:5 | Wastage in Goa Medical College in Goa, Daman and Diu, 1963-64 to 1973-74 | 106-107 |
| 6. | 8.6 | Number of Pharmaceutical Institutions in Goa, Daman and Diu with Figures of Intake and Out-turn by type of Courses, 1963-64 to 1977-78 | 108 |
| 7. | 8.7 | Number of Institutions, Enrolment and out-turn for different diploma Nursing courses in Goa, Daman and Diu, 1965 to 1978 | 109 |
| 8. | 8.8 | Number of Medical Colleges in Selected States of India, 1971-72 and 1972-73 | 110 |
| 9. | 8.9 | Students Enrolment in Medical Colleges in Selected States of India, 1971-72 and 1972-73 | 111 |

SECTION 9

Teacher's Training

| Sr No. | Table No. | Title | Page No. |
|--------|-----------|---|----------|
| 1. | 9.1 | Number of Teachers Training Schools (Post matric level) in Goa, Daman and Diu by Management, 1961-62 to 1977-78 | 114 |
| 2. | 9.2 | Distribution of Enrolment in Teachers Training Schools (Post matric level) in Goa, Daman and Diu by Sex, 1961-62 to 1977-78 | 114 |
| 3. | 9.3 | Number of Post-Graduate and Under-Graduate Teachers Training Colleges in Goa, Daman and Diu by Management, 1964-65 to 1977-78 | 115 |
| 4. | 9.4 | Distribution of Enrolment in Teachers Training Colleges in Goa, Daman and Diu by Sex, 1967-68 to 1977-78 | 115 |
| 5. | 9.5 | Out-turn of Teachers Training Institutions in Goa, Daman and Diu by Stages and Sex, 1970-71 to 1977-78 | 116 |
| 6. | 9.6 | Distribution of Teachers Training Colleges and Schools in Selected States of India, 1971-72 and 1972-73 | 117 |

PART II

EDUCATION AND TRAINING

SECTION - 1

Literacy and Standards of Educational Attainment

The data regarding the literacy as well as educational standards of the total population of this Territory are presented in this section. The information has been collected from the Census of India as well as from the Directorate of Education.

LITERACY

Of the 4 tables on literacy, table no. 1.1 presents the number of literates in Goa, Daman and Diu by talukas and sex as per the 1971 Census. Table no. 1.2 presents the comparison of literacy rates of 1971 with those of 1961 while table no. 1.3 presents a comparison of literacy rates of Goa, Daman and Diu with other States and Union Territories of India and the remaining table, i. e. 1.4, gives the break-up of the literacy rates by rural and urban population, talukas and sex for the year 1971.

EDUCATIONAL STANDARDS

The data regarding the educational standards of the population of this territory are presented through 7 tables. The categories adopted for classification of educational levels are (i) Illiterate; (ii) Literate (without educational level); (iii) Primary or Junior Basic; and (iv) Matriculation and above. Further break-up of the category 'matriculation and above' are available for urban areas only. But for the sake of comparison the data for urban areas have been presented on similar classification as those for rural areas. However, in table no. 1.11 detailed classification of urban population having a technical degree or diploma equal to a de-

gree or post-graduate degree has been provided. This is done so because persons with these qualifications form critical skills and information about them is very frequently required for manpower planning.

SOCIAL ADULT EDUCATION

Social/Adult education aims at imparting literacy to adult population who cannot read or write. The progress of social/adult education is summarised in table no. 1.12. Further break-up of the achievements by talukas and sex for the year 1977-78 is given in table no. 1.13. An idea of the contribution made by the educational system towards the educational attainments can be had by looking at the total number of educational institutions and the enrolments therein presented in table no. 1.14.

TABLE 1.1

Number of Literates in Goa, Daman and Diu by Talukas and Sex, 1971

| District/Taluka | Population | Literates | | |
|--------------------------|------------|-----------|----------|----------|
| | | Persons | Males | Females |
| 1 | 2 | 3 | 4 | 5 |
| Goa, Daman and Diu | 8,57,771 | 3,83,864 | 2,34,178 | 1,49,686 |
| Goa District | 7,95,120 | 3,60,260 | 2,19,339 | 1,40,921 |
| Tiswadi | 1,05,809 | 56,167 | 33,803 | 22,364 |
| Bardez | 1,24,103 | 69,302 | 39,240 | 30,062 |
| Pernem | 52,906 | 20,366 | 13,658 | 6,708 |
| Bicholim | 58,389 | 24,909 | 16,541 | 8,368 |
| Satari | 32,515 | 8,543 | 5,876 | 2,667 |
| Ponda | 84,590 | 35,488 | 22,659 | 12,829 |
| Sanguem | 44,588 | 13,782 | 9,328 | 4,454 |
| Canacona | 29,486 | 10,022 | 6,128 | 3,894 |
| Quepem | 41,547 | 14,964 | 8,982 | 5,982 |
| Salcete | 1,55,676 | 75,780 | 42,136 | 33,644 |
| Mormugao | 65,511 | 30,937 | 20,988 | 9,949 |
| Daman District | 38,739 | 15,448 | 9,889 | 5,559 |
| Daman | 38,739 | 15,448 | 9,889 | 5,559 |
| Diu District | 23,912 | 8,156 | 4,950 | 3,206 |
| Diu | 23,912 | 8,156 | 4,950 | 3,206 |

Source: — Census of India, 1971 Goa, Daman & Diu.

TABLE 1.2

General Literacy Rates in Goa, Daman and Diu by Talukas 1971 and 1961

| District/Taluka | Rate per thousand | | | | | | Rank in | |
|--------------------------|-------------------|------|---------|------|---------|------|---------|------|
| | Males | | Females | | Persons | | 1971 | 1961 |
| | 1971 | 1961 | 1971 | 1961 | 1971 | 1961 | 1971 | 1961 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Goa, Daman and Diu | 543 | 390 | 351 | 230 | 448 | 308 | — | — |
| Goa District | 546 | 394 | 358 | 236 | 453 | 312 | — | — |
| Tiswadi | 620 | 496 | 436 | 336 | 531 | 414 | 2 | 2 |
| Bardez | 658 | 530 | 466 | 340 | 558 | 425 | 1 | 1 |
| Pernem | 533 | 368 | 246 | 91 | 385 | 222 | 8 | 7 |
| Bicholim | 554 | 328 | 293 | 115 | 427 | 222 | 5 | 7 |
| Satari | 358 | 147 | 165 | 56 | 263 | 102 | 13 | 12 |
| Ponda | 522 | 392 | 312 | 149 | 426 | 225 | 6 | 6 |
| Sanguem | 400 | 217 | 210 | 88 | 309 | 157 | 12 | 11 |
| Canacona | 417 | 270 | 263 | 149 | 340 | 208 | 11 | 10 |
| Quepem | 425 | 285 | 293 | 148 | 360 | 216 | 9 | 9 |
| Salcete | 560 | 444 | 418 | 318 | 487 | 376 | 3 | 4 |
| Mormugao | 558 | 473 | 357 | 277 | 472 | 385 | 4 | 3 |
| Daman District | 519 | 323 | 283 | 118 | 399 | 217 | — | — |
| Daman | 519 | 323 | 283 | 118 | 399 | 217 | 7 | 8 |
| Diu District | 459 | 351 | 244 | 177 | 341 | 251 | — | — |
| Diu | 459 | 351 | 244 | 177 | 341 | 251 | 10 | 5 |

Sources: Census of India, 1961 & 1971, Goa, Daman & Diu.

TABLE 1.3

General Literacy Rates in India by Sex, 1961 and 1971

| S. No. | States/Union Territory | Rate per thousand | | | Rate per thousand | | |
|--------|---------------------------|-------------------|---------|---------|-------------------|---------|---------|
| | | 1961 | | | 1971 | | |
| | | Males | Females | Persons | Males | Females | Persons |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | STATES | 401 | 153 | 283 | 395 | 187 | 295 |
| 1. | Andhra Pradesh | 350 | 140 | 246 | 332 | 158 | 246 |
| 2. | Assam | 443 | 196 | 330 | 372 | 193 | 287 |
| 3. | Bihar | 352 | 82 | 218 | 306 | 87 | 199 |
| 4. | Gujarat | 487 | 228 | 362 | 461 | 248 | 358 |
| 5. | Haryana (a) | | | | 373 | 149 | 269 |
| 6. | Himachal Pradesh | 315 | 73 | 200 | 432 | 202 | 320 |
| 7. | Jammu & Kashmir | 198 | 51 | 130 | 268 | 93 | 186 |
| 8. | Kerala | 649 | 456 | 551 | 666 | 543 | 604 |
| 9. | Madhya Pradesh | 322 | 81 | 205 | 327 | 109 | 221 |
| 10. | Maharashtra | 493 | 198 | 351 | 510 | 264 | 392 |
| 11. | Manipur | 535 | 189 | 360 | 460 | 195 | 329 |
| 12. | Meghalaya | NR | NR | NR | 341 | 246 | 295 |
| 13. | Mysore | 423 | 167 | 298 | 416 | 210 | 315 |
| 14. | Nagaland | 272 | 130 | 204 | 350 | 187 | 274 |
| 15. | Orissa | 403 | 101 | 252 | 383 | 139 | 262 |
| 16. | Punjab | 389 | 169 | 288 | 404 | 259 | 337 |
| 17. | Rajasthan | 281 | 70 | 181 | 287 | 85 | 191 |
| 18. | Tamil Nadu | 516 | 211 | 364 | 518 | 269 | 395 |
| 19. | Tripura | 353 | 124 | 243 | 402 | 212 | 310 |
| 20. | Uttar Pradesh | 319 | 83 | 207 | 315 | 107 | 218 |
| 21. | West Bengal | 466 | 203 | 345 | 428 | 224 | 332 |
| | UNION TERRITORIES | | | | | | |
| 1. | Andaman & Nicobar Islands | 488 | 245 | 401 | 516 | 311 | 436 |
| 2. | Arunachal Pradesh | 146 (b) | 17 (b) | 86 (b) | 178 | 37 | 113 |
| 3. | Chandigarh (a) | | | | 670 | 544 | 616 |
| 4. | Dadra and Nagar-Haveli | 177 | 50 | 116 | 222 | 78 | 150 |
| 5. | Delhi | 704 | 509 | 620 | 637 | 478 | 566 |
| 6. | Goa, Daman and Diu | 446 | 260 | 349 | 543 | 351 | 448 |
| 7. | L. M. and A. Islands | 420 | 128 | 272 | 565 | 306 | 437 |
| 8. | Pondichery | 589 | 287 | 437 | 573 | 346 | 460 |
| 9. | Sikkim | 224 | 49 | 142 | (c) | (c) | (c) |

Note: a) In 1961 -- Haryana and Chandigarh were included in Punjab.

b) In 1971 -- North East Frontier Agency is included in Arunachal Pradesh.

c) In 1971 -- Sikkim is outside the Jurisdiction of Indian Union.

Source: Census of India, 1961 & 1971, Goa, Daman & Diu.

TABLE 1.4

General Literacy Rates in Goa, Daman and Diu by Rural and Urban, Talukas and Sex, 1971

| District/Taluka | Rate per thousand | | | | | |
|--------------------------|-------------------|---------|---------|-------|---------|---------|
| | Rural | | | Urban | | |
| | Males | Females | Persons | Males | Females | Persons |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Goa, Daman and Diu | 504 | 311 | 406 | 644 | 472 | 563 |
| Goa District | 510 | 320 | 414 | 645 | 478 | 568 |
| Tiswadi | 566 | 352 | 460 | 662 | 504 | 586 |
| Bardez | 648 | 451 | 544 | 703 | 553 | 631 |
| Pernem | 529 | 240 | 380 | 604 | 350 | 473 |
| Bicholim | 539 | 268 | 407 | 644 | 437 | 542 |
| Satari | 326 | 132 | 230 | 683 | 509 | 599 |
| Ponda | 506 | 293 | 402 | 677 | 504 | 596 |
| Sanguem | 379 | 187 | 288 | 569 | 379 | 475 |
| Canacona | 404 | 251 | 227 | 639 | 524 | 607 |
| Quepem | 415 | 282 | 350 | 572 | 430 | 497 |
| Salcete | 514 | 387 | 446 | 651 | 495 | 577 |
| Mormugao | 450 | 278 | 368 | 603 | 402 | 523 |
| Daman District | 429 | 191 | 306 | 626 | 400 | 513 |
| Daman | 429 | 191 | 306 | 626 | 400 | 513 |
| Diu District | 402 | 150 | 266 | 641 | 491 | 554 |
| Diu | 402 | 150 | 266 | 641 | 491 | 554 |

Source: - Census of India, 1971, Goa, Daman & Diu.

TABLE 1.5

**Distribution of Population of Goa, Daman and Diu by General
Education Standards, Age groups and Sex, 1971**

| Age group & Sex | | Educational Level | | | | Total | |
|-------------------|---------------|-------------------|---|-------------------------------|---------------------------------|--------|----------|
| | | Illiterate | Literate (without Educational Levels) | Primary or Junior Basic | Matricula- tion and above | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 — 4 | Males | 57,191 | | | | — | 57,191 |
| | Females | 54,880 | | | | — | 54,880 |
| | Persons | 1,12,071 | | | | — | 1,12,071 |
| 5 — 9 | Males | 35,927 | 20,619 | 815 | | — | 57,361 |
| | Females | 35,041 | 19,518 | 691 | | — | 55,550 |
| | Persons | 70,968 | 40,137 | 1,506 | | — | 1,12,911 |
| 10 — 14 | Males | 10,379 | 18,938 | 22,501 | | 48 | 51,866 |
| | Females | 16,629 | 15,439 | 17,724 | | 40 | 49,882 |
| | Persons | 27,008 | 34,427 | 40,225 | | 88 | 1,01,748 |
| 15 — 19 | Males | 7,862 | 4,485 | 27,575 | | 3,640 | 43,562 |
| | Females | 13,786 | 4,792 | 19,026 | | 2,407 | 40,011 |
| | Persons | 21,648 | 9,277 | 46,601 | | 6,047 | 83,573 |
| 20 — 24 | Males | 9,182 | 5,730 | 16,081 | | 10,129 | 41,122 |
| | Females | 17,041 | 4,565 | 9,138 | | 4,766 | 35,510 |
| | Persons | 26,223 | 10,295 | 25,219 | | 14,895 | 76,632 |
| 25 — 34 | Males | 22,374 | 12,103 | 19,620 | | 10,845 | 64,942 |
| | Females | 40,482 | 8,217 | 10,154 | | 4,170 | 63,023 |
| | Persons | 62,856 | 20,320 | 29,774 | | 15,015 | 1,27,965 |
| 35 — | Males | 54,078 | 22,869 | 28,706 | | 9,420 | 1,15,073 |
| | Females | 98,980 | 12,846 | 13,397 | | 2,443 | 1,27,666 |
| | Persons | 1,53,058 | 35,715 | 42,103 | | 11,863 | 2,42,739 |
| Age not stated | Males | 43 | 28 | 13 | | 13 | 97 |
| | Females | 32 | — | 2 | | 1 | 35 |
| | Persons | 75 | 28 | 15 | | 14 | 132 |
| All ages | Males | 1,97,036 | 84,772 | 1,15,311 | | 34,095 | 4,31,214 |
| | Females | 2,76,871 | 65,727 | 70,132 | | 13,827 | 4,26,557 |
| | Persons | 4,73,907 | 1,50,499 | 1,85,443 | | 47,922 | 8,57,771 |

Source: — Census of India, 1971. Goa, Daman & Diu.

TABLE 1.6

**Percentage Distribution of Population of Goa, Daman and Diu by
General Education Standards, Age groups and Sex, 1971**

| Age group & Sex | | Educational Level | | | | Total |
|-------------------|---------------|-------------------|--|-------------------------------|----------------------------------|--------|
| | | Illiterate | Literate (without Educational Level) | Primary or Junior Basic | Matricu- late and above | |
| 1 | | 2 | 3 | 4 | 5 | 6 |
| 0 — 4 | Males | 29.02 | — | — | — | 13.26 |
| | Females | 19.82 | — | — | — | 12.87 |
| | Persons | 23.65 | — | — | — | 13.07 |
| 5 — 9 | Males | 18.23 | 24.32 | 0.71 | — | 13.30 |
| | Females | 12.66 | 30.15 | 0.99 | — | 13.02 |
| | Persons | 14.98 | 26.87 | 0.81 | — | 13.16 |
| 10 — 14 | Males | 5.27 | 22.34 | 19.51 | 0.14 | 12.03 |
| | Females | 6.01 | 23.57 | 25.27 | 0.29 | 11.69 |
| | Persons | 5.70 | 22.88 | 21.69 | 0.18 | 11.86 |
| 15 — 19 | Males | 3.99 | 5.29 | 23.91 | 10.67 | 10.10 |
| | Females | 4.98 | 7.29 | 27.13 | 17.40 | 9.38 |
| | Persons | 4.57 | 6.16 | 25.13 | 12.62 | 9.74 |
| 20 — 24 | Males | 4.66 | 6.76 | 13.95 | 29.71 | 9.54 |
| | Females | 6.15 | 6.95 | 13.03 | 34.47 | 8.32 |
| | Persons | 5.53 | 6.84 | 13.60 | 31.08 | 8.93 |
| 25 — 34 | Males | 11.36 | 14.28 | 17.02 | 31.81 | 15.06 |
| | Females | 14.62 | 12.50 | 14.48 | 30.16 | 14.78 |
| | Persons | 13.26 | 13.50 | 16.06 | 31.33 | 14.92 |
| 35 + | Males | 27.45 | 26.98 | 24.89 | 27.63 | 26.69 |
| | Females | 35.75 | 19.54 | 19.10 | 17.67 | 29.93 |
| | Persons | 32.30 | 23.73 | 22.70 | 24.76 | 28.30 |
| Age not stated | Males | 0.02 | 0.03 | 0.01 | 0.04 | 0.02 |
| | Females | 0.01 | — | 0.00 | 0.01 | 0.01 |
| | Persons | 0.01 | 0.02 | 0.01 | 0.03 | 0.02 |
| All ages | Males | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| | Females | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| | Persons | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Source: -- Census of India, 1971, Goa, Daman & Diu.

TABLE 1.7

**Distribution of Rural Population of Goa, Daman and Diu by
General Education Standards, Age groups and Sex, 1971**

| Age group/Sex | Educational Level | | | | Total |
|----------------------------|-------------------|---|-------------------------------|---------------------------------|----------|
| | Illiterate | Literate (without Edu.- -Level | Primary or Junior Basic | Matricu- lation and above | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 0 — 4 Males | 42,721 | — | — | — | 42,721 |
| Females | 41,088 | — | — | — | 41,088 |
| Persons | 83,809 | — | — | — | 83,809 |
| 5 — 9 Males | 27,910 | 15,063 | 471 | — | 43,444 |
| Females | 27,422 | 14,500 | 398 | — | 42,320 |
| Persons | 55,332 | 29,563 | 869 | — | 85,764 |
| 10 — 14 Males | 8,748 | 11,644 | 15,775 | 21 | 39,188 |
| Females | 14,067 | 11,795 | 11,453 | 20 | 37,335 |
| Persons | 22,815 | 26,439 | 27,228 | 41 | 76,523 |
| 15 — 19 Males | 6,280 | 3,578 | 19,612 | 1,794 | 31,264 |
| Females | 11,182 | 3,750 | 12,987 | 1,207 | 29,126 |
| Persons | 17,462 | 7,328 | 32,599 | 3,001 | 60,390 |
| 20 — 24 Males | 7,002 | 4,425 | 10,462 | 5,321 | 27,210 |
| Females | 13,420 | 3,307 | 5,767 | 2,343 | 24,837 |
| Persons | 20,422 | 7,732 | 16,229 | 7,664 | 52,047 |
| 25 — 34 Males | 17,107 | 8,855 | 11,715 | 4,961 | 42,638 |
| Females | 32,330 | 5,911 | 5,960 | 1,676 | 45,877 |
| Persons | 49,437 | 14,766 | 17,675 | 6,637 | 88,515 |
| 35 + Males | 44,401 | 17,733 | 18,256 | 3,990 | 84,380 |
| Females | 81,135 | 9,468 | 7,743 | 1,140 | 99,486 |
| Persons | 1,25,536 | 27,201 | 25,999 | 5,130 | 1,83,866 |
| Age not stated Males | 30 | 20 | 7 | 7 | 64 |
| Females | 19 | — | — | — | 19 |
| Persons | 49 | 20 | 7 | 7 | 83 |
| All ages Males | 1,54,199 | 64,318 | 76,298 | 16,094 | 3,10,909 |
| Females | 2,20,663 | 48,731 | 44,308 | 6,386 | 3,20,088 |
| Persons | 3,74,862 | 1,13,049 | 1,20,606 | 22,480 | 6,30,997 |

Source: — Census of India, 1971, Goa, Daman & Diu,

TABLE 1.8

**Percentage distribution of Rural Population of Goa, Daman and Diu by
General Education Standards, Age group and Sex, 1971**

| Age group/Sex | Educational Level | | | | Total |
|----------------------------|-------------------|--|-------------------------------|---------------------------------|--------|
| | Illiterate | Literate (without Edu.- Level | Primary or Junior Basic | Matricu- lation and above | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 0 — 4 Males | 27.71 | — | — | — | 13.74 |
| Females | 18.62 | — | — | — | 12.84 |
| Persons | 22.36 | — | — | — | 13.28 |
| 5 — 9 Males | 18.10 | 23.42 | 0.62 | — | 13.97 |
| Females | 12.43 | 29.76 | 0.90 | — | 13.22 |
| Persons | 14.76 | 26.15 | 0.72 | — | 13.59 |
| 10 — 14 Males | 5.67 | 22.77 | 20.68 | 0.13 | 12.61 |
| Females | 6.37 | 24.19 | 25.85 | 0.31 | 11.66 |
| Persons | 6.08 | 23.39 | 22.57 | 0.18 | 12.13 |
| 15 — 19 Males | 4.07 | 5.56 | 25.70 | 11.15 | 10.06 |
| Females | 5.07 | 7.70 | 29.31 | 18.90 | 9.10 |
| Persons | 4.66 | 6.48 | 27.03 | 13.35 | 9.57 |
| 20 — 24 Males | 4.54 | 6.88 | 13.71 | 33.06 | 9.75 |
| Females | 6.08 | 6.79 | 13.01 | 36.69 | 7.76 |
| Persons | 5.45 | 6.84 | 13.46 | 34.09 | 8.25 |
| 25 — 34 Males | 11.09 | 13.77 | 15.35 | 30.83 | 13.71 |
| Females | 14.65 | 12.13 | 13.45 | 26.65 | 14.33 |
| Persons | 13.19 | 13.06 | 14.65 | 29.53 | 14.03 |
| 35 + Males | 28.80 | 27.57 | 23.93 | 24.79 | 27.14 |
| Females | 36.77 | 19.43 | 17.48 | 17.85 | 31.08 |
| Persons | 33.49 | 24.06 | 21.56 | 22.82 | 29.14 |
| Age not stated Males | 0.02 | 0.03 | 0.01 | 0.04 | 0.02 |
| Females | 0.01 | — | — | — | 0.01 |
| Persons | 0.01 | 0.02 | 0.01 | 0.03 | 0.01 |
| All ages Males | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Females | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Persons | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Source — Census of India, 1971, Goa, Daman & Diu.

TABLE 1.9

**Distribution of Urban Population of Goa, Daman and Diu by
General Education Standards, Age group and Sex, 1971**

| Age group/Sex | Educational Level | | | | Total |
|----------------------------|-------------------|---|-------------------------------|---------------------------------|----------|
| | Illiterate | Literate (without Edu.- -Level | Primary or Junior Basic | Matricu- lation and above | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 0 — 4 Males | 14,470 | — | — | — | 14,470 |
| Females | 13,792 | — | — | — | 13,792 |
| Persons | 28,262 | — | — | — | 28,262 |
| 5 — 9 Males | 8,017 | 5,556 | 344 | — | 13,917 |
| Females | 7,619 | 5,318 | 293 | — | 13,230 |
| Persons | 15,636 | 10,874 | 637 | — | 27,147 |
| 10 — 14 Males | 1,631 | 4,294 | 6,726 | 27 | 12,678 |
| Females | 2,562 | 3,694 | 6,271 | 20 | 12,547 |
| Persons | 4,193 | 7,988 | 12,997 | 47 | 25,225 |
| 15 — 19 Males | 1,582 | 907 | 7,963 | 1,846 | 12,298 |
| Females | 2,604 | 1,042 | 6,039 | 1,200 | 10,885 |
| Persons | 4,186 | 1,949 | 14,002 | 3,046 | 23,183 |
| 20 — 24 Males | 2,180 | 1,305 | 5,619 | 4,808 | 13,912 |
| Females | 3,621 | 1,258 | 3,371 | 2,423 | 10,673 |
| Persons | 5,801 | 2,563 | 8,990 | 7,231 | 24,585 |
| 25 — 34 Males | 5,267 | 3,248 | 7,905 | 5,884 | 22,304 |
| Females | 8,152 | 2,306 | 4,194 | 2,494 | 17,146 |
| Persons | 13,419 | 5,554 | 12,099 | 8,378 | 39,450 |
| 35 + Males | 9,677 | 5,136 | 10,450 | 5,430 | 30,693 |
| Females | 17,845 | 3,378 | 5,654 | 1,303 | 28,180 |
| Persons | 27,522 | 8,514 | 16,104 | 6,733 | 68,873 |
| Age not stated Males | 13 | 8 | 6 | 6 | 33 |
| Females | 13 | — | 2 | 1 | 16 |
| Persons | 26 | 8 | 8 | 7 | 49 |
| All ages Males | 42,837 | 20,454 | 39,013 | 18,001 | 1,20,305 |
| Females | 56,208 | 16,996 | 25,824 | 7,441 | 1,06,469 |
| Persons | 99,045 | 37,450 | 64,837 | 25,442 | 2,26,774 |

Source: — Census of India, 1971. Goa, Daman & Diu.

TABLE 1.10

**Percentage distribution of Urban Population of Goa, Daman and Diu by
General Education Standards, Age group and Sex, 1971**

| Age group/Sex | Educational Level | | | | Total |
|----------------------------|-------------------|---|-------------------------------|---------------------------------|--------|
| | Illiterate | Literate (without Edu.- Level) | Primary or Junior Basic | Matricu- lation and above | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 0 — 4 Males | 33.78 | — | — | — | 12.03 |
| Females | 24.54 | — | — | — | 12.95 |
| Persons | 28.53 | — | — | — | 12.46 |
| 5 — 9 Males | 18.72 | 27.16 | 0.88 | — | 11.57 |
| Females | 13.56 | 31.29 | 1.13 | — | 12.43 |
| Persons | 15.79 | 29.04 | 0.98 | — | 11.97 |
| 10 — 14 Males | 3.81 | 20.99 | 17.24 | 0.15 | 10.54 |
| Females | 4.56 | 21.73 | 24.23 | 0.27 | 11.79 |
| Persons | 4.23 | 21.33 | 20.05 | 0.19 | 11.13 |
| 15 — 19 Males | 3.69 | 4.44 | 20.41 | 10.25 | 10.22 |
| Females | 4.63 | 6.13 | 23.39 | 16.13 | 10.22 |
| Persons | 4.23 | 5.21 | 21.60 | 11.97 | 10.22 |
| 20 — 24 Males | 5.09 | 6.33 | 14.40 | 26.71 | 11.56 |
| Females | 6.44 | 7.40 | 13.05 | 32.56 | 10.02 |
| Persons | 5.86 | 6.84 | 13.86 | 28.42 | 10.84 |
| 25 — 34 Males | 12.29 | 15.38 | 20.26 | 32.69 | 18.54 |
| Females | 14.50 | 13.37 | 16.24 | 33.52 | 16.10 |
| Persons | 13.55 | 14.83 | 18.66 | 32.93 | 17.46 |
| 35 + Males | 22.59 | 25.11 | 26.79 | 30.17 | 25.51 |
| Females | 31.75 | 19.88 | 21.90 | 17.51 | 26.47 |
| Persons | 27.79 | 22.73 | 24.84 | 26.46 | 25.96 |
| Age not stated Males | 0.03 | 0.04 | 0.02 | 0.03 | 0.03 |
| Females | 0.02 | — | 0.04 | 0.01 | 0.02 |
| Persons | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 |
| All ages Males | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Females | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Persons | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Source: — Census of India, 1971, Goa, Daman & Diu

TABLE 1.11

**Distribution of Urban Population of Goa, Daman and Diu by
Branches of Professional Education (Degree or Diploma equal to Degree),
Age group and Sex, 1971**

| Age group/Sex | | Technical/Degree or Diploma Equal to Degree or Post graduate Degree | | | | | Total |
|----------------|---------------|---|----------|-------------------------------------|----------|--------|-------|
| | | Engineering and Technology | Medicine | Agriculture Veterinary and Dairying | Teaching | Others | |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 |
| 10 to 14 | Males | — | — | — | — | — | — |
| | Females | — | — | — | — | — | — |
| | Persons | — | — | — | — | — | — |
| 15 to 19 | Males | — | — | — | — | — | — |
| | Females | — | — | — | — | — | — |
| | Persons | — | — | — | — | — | — |
| 20 to 24 | Males | 52 | 34 | 7 | 2 | — | 95 |
| | Females | 1 | 22 | — | 12 | — | 35 |
| | Persons | 53 | 56 | 7 | 14 | — | 130 |
| 25 to 34 | Males | 288 | 142 | 20 | 78 | — | 528 |
| | Females | 4 | 72 | — | 76 | — | 152 |
| | Persons | 292 | 214 | 20 | 154 | — | 680 |
| 35 & above | Males | 197 | 305 | 16 | 78 | 1 | 597 |
| | Females | — | 32 | — | 54 | — | 86 |
| | Persons | 197 | 337 | 16 | 132 | 1 | 683 |
| Age not stated | Males | — | — | — | — | — | — |
| | Females | — | — | — | — | — | — |
| | Persons | — | — | — | — | — | — |
| All ages | Males | 537 | 481 | 43 | 158 | 1 | 1220 |
| | Females | 5 | 126 | — | 142 | — | 273 |
| | Persons | 542 | 607 | 43 | 300 | 1 | 1493 |

Source: - Census of India, 1971, Goa, Daman & Diu.

TABLE 1.12

**Progress of Social/Adult Education in Goa, Dama n and Diu,
1964-65 to 1977-78**

| Year | Number of Schools Cen- tres/Institu- tions | Number of Adults on Roll | Number of Adults made literate |
|---------------|---|-----------------------------|--------------------------------------|
| 1 | 2 | 3 | 4 |
| 1964-65 | 227 | 4,649 | 750 |
| 1965-66 | 253 | 5,608 | 1,250 |
| 1966-67 | 70 | 2,806 | 2,400 |
| 1967-68 | 83 | 1,835 | 694 |
| 1968-69 | 134 | 4,020 | 1,221 |
| 1969-70 | 26 | 616 | 278 |
| 1970-71 | 66 | 2,216 | 512 |
| 1971-72 | 88 | 2,707 | 928 |
| 1972-73 | 105 | 3,373 | 2,189 |
| 1973-74 | 428 | 14,139 | 4,899 |
| 1974-75 | — | — | — |
| 1975-76 | 78 | 2,183 | 674 |
| 1976-77 | 76 | 2,303 | 839 |
| 1977-78 | 76 | 2,220 | N. A. |

Source: -- Directorate of Education, Panaji.

TABLE 1.13

**Progress of Social/Adult Education in Goa, Daman and Diu by
Talukas and Sex, 1977-78**

| District/Taluka | Number of Schools/Cen- tres and Ins- titutions | Number of Adults on Roll | | |
|--------------------------|---|--------------------------|-------|-------|
| | | Men | Women | Total |
| 1 | 2 | 3 | 4 | 5 |
| Goa, Daman and Diu | 76 | 1,637 | 583 | 2,220 |
| Goa District | 76 | 1,637 | 583 | 2,220 |
| Tiswadi | 7 | 96 | 73 | 169 |
| Bardez | 5 | 35 | 117 | 152 |
| Pernem | 4 | 83 | 60 | 143 |
| Bicholim | 9 | 270 | — | 270 |
| Satari | 15 | 529 | 14 | 543 |
| Ponda | 3 | 30 | 60 | 90 |
| Sanguem | 9 | 192 | 60 | 252 |
| Canacona | 17 | 319 | 160 | 479 |
| Salcete | — | — | — | — |
| Mormugao | 3 | 53 | 39 | 92 |
| Quepen | 1 | 30 | — | 30 |
| Daman District | — | — | — | — |
| Daman | — | — | — | — |
| Diu District | — | — | — | — |
| Diu | — | — | — | — |

Source: -- Directorate of Education, Panaji.

TABLE 1.14

Total enrolment in Educational Institutions by Sex and their percentage to the Population in Goa, Daman and Diu, 1964-65 to 1977-78

| Year | Number of Institutions | Total Enrolment | | | Percentage to population | | |
|---------------|------------------------|-----------------|----------|----------|--------------------------|--------|-------|
| | | Boys | Girls | Total | Male | Female | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1964-65 | 1,220 | 75,486 | 48,172 | 1,23,658 | 20.01 | 13.04 | 16.97 |
| 1965-66 | 1,524 | 82,821 | 53,951 | 1,36,872 | 20.30 | 14.23 | 18.22 |
| 1966-67 | 1,300 | 84,105 | 54,722 | 1,38,827 | 21.88 | 14.06 | 17.95 |
| 1967-68 | 1,255 | 87,690 | 59,532 | 1,47,222 | 22.10 | 14.91 | 18.50 |
| 1968-69 | 1,507 | 1,00,468 | 67,795 | 1,68,263 | 24.54 | 16.57 | 20.56 |
| 1969-70 | 1,364 | 1,03,293 | 74,610 | 1,77,903 | 24.49 | 17.80 | 21.16 |
| 1970-71 | 1,353 | 1,15,423 | 82,269 | 1,97,692 | 26.84 | 19.35 | 23.11 |
| 1971-72 | 1,384 | 1,19,196 | 85,246 | 2,04,442 | 27.13 | 19.63 | 23.40 |
| 1972-73 | 1,416 | 1,21,975 | 87,954 | 2,09,929 | 27.19 | 19.84 | 23.53 |
| 1973-74 | 1,437 | 1,28,506 | 95,549 | 2,24,055 | 28.05 | 21.09 | 24.59 |
| 1974-75 | 1,427 | 1,34,409 | 1,01,738 | 2,36,147 | 28.74 | 22.00 | 25.39 |
| 1975-76 | 1,548 | 1,32,142 | 98,689 | 2,30,831 | 27.71 | 20.97 | 24.36 |
| 1976-77 | 1,569 | 1,36,714 | 1,03,909 | 2,40,623 | 28.18 | 21.68 | 24.95 |
| 1977-78 | 1,522 | 1,36,161 | 1,06,006 | 2,42,167 | 27.60 | 21.71 | 24.67 |

Source. — Directorate of Education, Panaji.

SECTION - 2

General School Stage Education

Statistics on the growth of general school education in Goa, Daman and Diu are presented in this section. Information on number of institutions, enrolment, out-turn and teacher-pupil ratios of the general school education system in this territory has been provided in this section.

The general school education system comprises primary, middle and high/higher secondary stages besides the pre-primary stage. The duration of school education varies in different States of the Indian Union and some parts even within some States. If the higher secondary classes are ignored, till recently the main system of general school education in this territory was of 11 years duration.

Besides the above 3 stages of general school education facilities are also available at the pre-primary stage. The pre-primary education is imparted in nursery, kindergarten, montessori, balwadi, balmandir and shishu vihar types of schools. The pre-primary education caters to children in the age-groups 3-6 years and is more concerned with the healthy development of the child — physically, mentally and socially — than with the imparting of knowledge and skill. The progress of pre-primary education enrolment in Goa, Daman and Diu is shown in table no. 2.12.

There are no separate institutions for individual stages of general school education. For example, primary stage education is imparted in primary schools, middle schools and high/higher secondary schools. Similarly, middle stage general school education is provided both in middle schools and high higher secondary schools.

The data are generally presented separately for classes I-V, VI-VIII and IX-XI. Wherever possible, data are presented separately at a parti-

cular stage in particular group of classes and in particular type of school such as enrolment at primary stage, enrolment in classes I-V and enrolment of primary schools (table 2.13) as the three concepts are different from one another. Further, the progress of general school education in rural areas alone of this territory by age and sex has also been brought out in some tables.

TABLE 2.1

**Growth in the Number of General School Stage Education Institutions
in Goa, Daman and Diu, 1962-63 to 1977-78**

| Year | Nursery Schools | Primary Schools | Middle Schools | High/Hi- gher-Se- conderv School |
|-------------|--------------------|--------------------|-------------------|---|
| 1 | 2 | 3 | 4 | 5 |
| 1962 - 63 * | 1 | 564 | 70 | 49 |
| 1963 - 64 * | 4 | 707 | 58 | 81 |
| 1964 - 65 | 6 | 797 | 83 | 92 |
| 1965 - 66 | 131 | 856 | 140 | 130 |
| 1966 - 67 | 131 | 767 | 188 | 127 |
| 1967 - 68 | 87 | 715 | 193 | 133 |
| 1968 - 69 | 139 | 739 | 225 | 170 |
| 1969 - 70 | 112 | 775 | 204 | 181 |
| 1970 - 71 | 110 | 765 | 204 | 182 |
| 1971 - 72 | 113 | 775 | 195 | 193 |
| 1972 - 73 | 111 | 797 | 183 | 203 |
| 1973 - 74 | 112 | 834 | 155 | 209 |
| 1974 - 75 | 129 | 872 | 155 | 223 |
| 1975 - 76 | 189 | 891 | 142 | 225 |
| 1976 - 77 | 218 | 891 | 131 | 235 |
| 1977 - 78 | 191 | 900 | 136 | 241 |

* Note: Figures refer to calendar year.

Source: — Directorate of Education, Panaji.

TABLE 2.2

**Percentage distribution of different School Sections in Goa, Daman and
Diu according to their being located in Primary, Middle
and Secondary Schools 1977-78**

| Item | Rural | Urban | Total |
|---|-------|-------|-------|
| 1 | 2 | 3 | 4 |
| A. Primary School Sections: | | | |
| 1. Total Number of Primary Sections | 1029 | 105 | 1134 |
| 2. Primary Schools as percentage of total number of primary sections in the area .. | 51.15 | 61.90 | 79.36 |
| 3. Primary Section of schools having primary and middle Sections as % of total number of Primary sections in the area ... | 11.27 | 10.48 | 11.20 |
| 4. Primary sections of schools having primary, middle and secondary sections as % of total number of primary sections in the area | 7.58 | 27.62 | 9.44 |
| B. Middle School Sections: | | | |
| 1. Total number of middle sections | 294 | 66 | 360 |
| 2. Schools having middle classes only as % of the middle sections in the area | 2.72 | 1.51 | 2.50 |
| 3. Middle Sections of Schools having primary and middle sections only as % of middle sections in the area | 39.46 | 16.67 | 35.28 |
| 4. Middle Sections of Schools having middle and Secondary section only as % of middle sections in the area | 31.29 | 37.88 | 32.50 |
| 5. Middle sections of schools having primary, middle and secondary Sections as % of middle schools in the area | 26.53 | 43.94 | 29.72 |
| C. Secondary School Sections: | | | |
| 1. Total number of Secondary Sections | 179 | 54 | 233 |
| 2. Schools having secondary classes only as % of secondary sections in the area | 5.03 | | 3.86 |
| 3. Secondary sections of schools having middle and secondary section only as % of secondary sections in the area | 51.40 | 46.30 | 50.22 |
| 4. Secondary Sections of schools having primary, middle and secondary sections as % of secondary schools in the area | 13.57 | 53.70 | 45.92 |

TABLE 2.3

**Percentage distribution of different School Sections in Goa, Daman
and Diu by Enrolment Size and Rural and Urban, 1977-78**

| Enrolment Size | Rural | Urban | Total |
|------------------------------------|---------------|--------------|---------------|
| 1 | 2 | 3 | 4 |
| A. Primary: | 1029 (100.00) | 105 (100.00) | 1134 (100.00) |
| 0 - 10 | — (—) | — (—) | — (—) |
| 10 - 40 | 133 (12.92) | — (—) | 133 (11.73) |
| 40 - 80 | 558 (54.23) | 3 (2.86) | 561 (49.47) |
| 80 - 100 | 99 (9.62) | 24 (22.86) | 123 (10.85) |
| 100 - 120 | 85 (8.26) | 28 (26.67) | 113 (9.96) |
| 120 - 160 | 101 (9.82) | 27 (25.71) | 128 (11.29) |
| Over 160 | 53 (5.15) | 22 (21.90) | 76 (6.70) |
| B. Middle: | 294 (100.00) | 66 (100.00) | 360 (100.00) |
| 0 - 10 | — (—) | — (—) | — (—) |
| 10 - 30 | 1 (0.34) | — (—) | 1 (0.28) |
| 30 - 40 | 19 (6.46) | — (—) | 19 (5.28) |
| 40 - 60 | 28 (9.52) | — (—) | 28 (7.78) |
| 60 - 80 | 29 (9.86) | 1 (1.51) | 30 (8.33) |
| 80 - 100 | 19 (6.46) | 3 (4.54) | 22 (6.11) |
| 100 - 120 | 41 (13.95) | 11 (16.67) | 52 (14.45) |
| 120 - 160 | 42 (14.29) | 15 (22.73) | 57 (15.83) |
| Over 160 | 115 (39.12) | 36 (54.55) | 151 (41.94) |
| C. Secondary Section: | 179 (100.00) | 54 (100.00) | 233 (100.00) |
| 0 - 100 | 79 (44.13) | — (—) | 79 (33.91) |
| 100 - 140 | 52 (29.05) | 18 (33.33) | 70 (30.04) |
| 140 - 180 | 17 (9.50) | 14 (25.93) | 31 (13.30) |
| 180 - 240 | 13 (7.26) | 9 (16.67) | 22 (9.44) |
| 240 - 280 | 6 (3.35) | 2 (3.70) | 8 (3.63) |
| 280 - 320 | 8 (4.47) | 4 (7.41) | 12 (5.15) |
| 320 - 360 | 3 (1.68) | — (—) | 3 (1.29) |
| 360 - 400 | 1 (0.56) | 1 (1.85) | 2 (0.86) |
| 400 - 440 | — (—) | 1 (1.85) | 1 (0.43) |
| 440 - 480 | — (—) | 1 (1.85) | 1 (0.43) |
| 480 - 520 | — (—) | 3 (5.56) | 3 (1.29) |
| Over 520 | — (—) | 1 (1.85) | 1 (0.43) |

Source: -- Directorate of Education, Panaji.

TABLE 2.4

Distribution of Primary Schools or Sections by Talukas and Enrolment, 1977-78

| District/Taluka | Below 30 | 30-49 | 50-69 | 70-99 | 100-139 | 140-179 | 180-239 | 240-319 | 320-399 | 400 & above | Total |
|--------------------------|----------|-------|-------|-------|---------|---------|---------|---------|---------|-------------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Goa, Daman and Diu | 133 | 221 | 269 | 194 | 113 | 128 | 38 | 27 | 9 | 2 | 1,134 |
| Goa District | 122 | 216 | 255 | 186 | 111 | 124 | 37 | 27 | 9 | 2 | 1,089 |
| Tiswadi | 4 | 6 | 13 | 12 | 14 | 26 | 5 | 1 | 3 | — | 84 |
| Bardez | 10 | 12 | 24 | 27 | 26 | 20 | 5 | 2 | 2 | — | 128 |
| Pernem | 10 | 32 | 29 | 2 | 2 | 12 | 1 | 4 | — | — | 92 |
| Bicholim | 8 | 26 | 21 | 17 | 8 | 3 | 2 | 3 | — | — | 88 |
| Satari | 28 | 25 | 25 | 10 | 3 | 3 | 2 | 1 | — | — | 97 |
| Ponda | 20 | 21 | 39 | 38 | 13 | 8 | 1 | 5 | 1 | — | 146 |
| Sanguem | 14 | 20 | 31 | 22 | 3 | 11 | 3 | 2 | — | — | 106 |
| Canacona | 9 | 19 | 15 | 11 | 8 | 3 | 3 | — | — | — | 68 |
| Quepem | 8 | 21 | 18 | 12 | 11 | 4 | 1 | — | — | — | 75 |
| Salcete | 8 | 23 | 31 | 34 | 16 | 25 | 11 | 9 | 3 | 2 | 162 |
| Mormugao | 3 | 11 | 9 | 1 | 7 | 9 | 3 | — | — | — | 43 |
| Daman District | 8 | 3 | 10 | 5 | 1 | 2 | 1 | — | — | — | 30 |
| Daman | 8 | 3 | 10 | 5 | 1 | 2 | 1 | — | — | — | 30 |
| Diu District | 3 | 2 | 4 | 3 | 1 | 2 | — | — | — | — | 15 |
| Diu | 3 | 2 | 4 | 3 | 1 | 2 | — | — | — | — | 15 |

Source: — Directorate of Education, Panaji.

TABLE 2.5

Percentage Distribution of Primary Schools or Sections by Talukas and Enrolment, 1977-78

| District/Taluka | Percentage of Primary Sections with Enrolment | | | | | | | | | | Total |
|--------------------------|---|-------|-------|-------|---------|---------|---------|---------|---------|-------------|--------|
| | Below 20 | 30-49 | 50-69 | 70-99 | 100-139 | 140-179 | 180-239 | 240-319 | 320-399 | 400 & above | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Goa, Daman and Diu | 11.72 | 19.48 | 23.72 | 17.11 | 9.96 | 11.29 | 3.36 | 2.38 | 0.80 | 0.18 | 100.00 |
| Goa District | 11.20 | 19.83 | 23.42 | 17.08 | 10.19 | 11.39 | 3.40 | 2.48 | 0.83 | 0.18 | 100.00 |
| Tiswadi | 4.76 | 7.14 | 15.48 | 14.29 | 16.67 | 30.95 | 5.95 | 1.19 | 3.57 | — | 100.00 |
| Bardez | 7.81 | 9.38 | 18.75 | 21.09 | 20.31 | 15.63 | 3.91 | 1.56 | 1.56 | — | 100.00 |
| Pernem | 10.87 | 34.78 | 31.52 | 2.17 | 2.17 | 13.05 | 1.09 | 4.35 | — | — | 100.00 |
| Bicholim | 9.09 | 29.55 | 23.86 | 19.32 | 9.09 | 3.41 | 2.27 | 3.41 | — | — | 100.00 |
| Satari | 28.87 | 25.77 | 25.77 | 10.31 | 3.09 | 3.09 | 2.07 | 1.03 | — | — | 100.00 |
| Ponda | 13.70 | 14.38 | 26.71 | 26.03 | 8.90 | 5.48 | 0.69 | 3.42 | 0.69 | — | 100.00 |
| Sanguem | 13.21 | 18.87 | 29.25 | 20.75 | 2.83 | 10.37 | 2.83 | 1.89 | — | — | 100.00 |
| Canacona | 13.24 | 27.94 | 22.06 | 16.18 | 11.76 | 4.41 | 4.41 | — | — | — | 100.00 |
| Quepem | 10.67 | 28.00 | 24.00 | 16.00 | 14.67 | 5.33 | 1.33 | — | — | — | 100.00 |
| Salcete | 4.94 | 14.20 | 19.14 | 20.99 | 9.88 | 15.43 | 6.79 | 5.55 | 1.85 | 1.23 | 100.00 |
| Mormugao | 6.98 | 25.58 | 20.33 | 2.32 | 16.28 | 20.93 | 6.98 | — | — | — | 100.00 |
| Daman District | 26.67 | 10.00 | 33.34 | 16.67 | 3.33 | 6.66 | 3.33 | — | — | — | 100.00 |
| Daman | 26.67 | 10.00 | 33.34 | 16.67 | 3.33 | 6.66 | 3.33 | — | — | — | 100.00 |
| Diu District | 20.00 | 13.33 | 26.67 | 20.00 | 6.67 | 13.33 | — | — | — | — | 100.00 |
| Diu | 20.00 | 13.33 | 26.67 | 20.00 | 6.67 | 13.33 | — | — | — | — | 100.00 |

Source: — Directorate of Education, Panaji.

TABLE 2.6

Distribution of Middle Schools/Sections by Talukas and Enrolment, 1977-78

| District/Taluka | Number of middle sections, with Enrolment | | | | | | | | | | Total |
|--------------------------|---|-------|-------|-------|---------|---------|---------|---------|---------|-------------|-------|
| | Below 30 | 30-49 | 50-69 | 70-99 | 100-139 | 140-179 | 180-239 | 240-319 | 320-399 | 400 & above | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Goa, Daman and Diu | 1 | 19 | 28 | 52 | 58 | 57 | 50 | 43 | 31 | 21 | 360 |
| Goa District | 1 | 18 | 26 | 49 | 51 | 51 | 46 | 42 | 31 | 21 | 336 |
| Tiswadi | — | 2 | 4 | 5 | 7 | 6 | 4 | 6 | 5 | 5 | 44 |
| Bardez | — | 1 | 3 | 9 | 8 | 10 | 8 | 12 | 8 | 1 | 60 |
| Pernem | — | 7 | 4 | 7 | 6 | 5 | 4 | 1 | 2 | — | 36 |
| Bicholim | — | 4 | 5 | 6 | 3 | 2 | — | 2 | 1 | 3 | 26 |
| Satari | — | — | 2 | 3 | 4 | 2 | — | 1 | — | — | 12 |
| Ponda | — | — | 1 | 5 | 3 | 6 | 8 | 3 | 3 | 3 | 32 |
| Sanguem | — | — | 1 | 1 | 2 | 4 | 1 | 2 | 1 | — | 12 |
| Canacona | — | 1 | 1 | 6 | 4 | 3 | 3 | 1 | — | — | 19 |
| Quepem | — | — | 2 | 1 | 3 | 2 | 3 | — | — | 4 | 15 |
| Salcete | 1 | 2 | 3 | 4 | 8 | 9 | 13 | 8 | 9 | 4 | 61 |
| Mormugao | — | 1 | — | 2 | 3 | 2 | 2 | 6 | 2 | 1 | 19 |
| Daman District | — | 1 | — | 2 | 6 | 4 | 3 | 1 | — | — | 17 |
| Daman | — | 1 | — | 2 | 6 | 4 | 3 | 1 | — | — | 17 |
| Diu District | — | — | 2 | 1 | 1 | 2 | 1 | — | — | — | 7 |
| Diu | — | — | 2 | 1 | 1 | 2 | 1 | — | — | — | 7 |

Source: — Directorate of Education, Panaji.

TABLE 2.7

Percentage Distribution of Middle School/Sections by Talukas and Enrolment, 1977-78

| District/Taluka | Percentage of middle sections with enrolment | | | | | | | | | | Total |
|--------------------------|--|-------|-------|-------|--------|---------|---------|---------|---------|-------------|--------|
| | Below 20 | 20-39 | 40-59 | 60-79 | 80-119 | 120-159 | 160-199 | 200-279 | 280-399 | 400 & above | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Goa, Daman and Diu | 0.28 | 5.28 | 7.78 | 14.45 | 16.11 | 15.83 | 13.89 | 11.94 | 8.61 | 5.83 | 100.00 |
| Goa District | 0.30 | 5.36 | 7.74 | 14.58 | 15.18 | 15.18 | 13.69 | 12.50 | 9.22 | 6.25 | 100.00 |
| Tiswadi | — | 4.55 | 9.09 | 11.36 | 15.91 | 13.64 | 9.09 | 13.64 | 11.36 | 11.36 | 100.00 |
| Bardez | — | 1.67 | 5.00 | 15.00 | 13.33 | 16.67 | 13.33 | 20.00 | 13.33 | 1.67 | 100.00 |
| Pernem | — | 19.44 | 11.11 | 19.44 | 16.67 | 13.89 | 11.11 | 2.78 | 5.56 | — | 100.00 |
| Bicholim | — | 15.38 | 19.23 | 23.08 | 11.54 | 7.69 | — | 7.69 | 3.85 | 11.54 | 100.00 |
| Satari | — | — | 16.67 | 25.00 | 33.33 | 16.67 | — | 8.33 | — | — | 100.00 |
| Ponda | — | — | 3.13 | 15.63 | 9.38 | 13.75 | 25.00 | 9.37 | 9.37 | 9.37 | 100.00 |
| Sanguem | — | — | 8.33 | 8.33 | 16.67 | 33.34 | 8.33 | 16.67 | 8.33 | — | 100.00 |
| Canacona | — | 5.26 | 5.26 | 31.58 | 21.06 | 15.79 | 15.79 | 5.26 | — | — | 100.00 |
| Quepem | — | — | 13.33 | 6.67 | 20.00 | 13.33 | 20.00 | — | — | 26.67 | 100.00 |
| Salcete | 1.64 | 3.28 | 4.92 | 6.56 | 13.12 | 14.75 | 21.31 | 13.11 | 14.75 | 6.56 | 100.00 |
| Mormugao | — | 5.26 | — | 10.52 | 15.79 | 10.53 | 10.53 | 31.58 | 10.53 | 5.26 | 100.00 |
| Daman District | — | 5.88 | — | 11.77 | 35.29 | 23.53 | 17.65 | 5.88 | — | — | 100.00 |
| Daman | — | 5.88 | — | 11.77 | 35.29 | 23.53 | 17.65 | 5.88 | — | — | 100.00 |
| Diu District | — | — | 28.57 | 14.28 | 14.29 | 28.57 | 14.29 | — | — | — | 100.00 |
| Diu | — | — | 28.57 | 14.28 | 14.29 | 28.57 | 14.29 | — | — | — | 100.00 |

Source: — Directorate of Education, Panaji.

TABLE 2.8

Distribution of High/Higher Secondary Schools or Sections by Talukas and Enrolment, 1977-78

| District/Taluka | Below 100 | 100-139 | 140-179 | 180-239 | 240-319 | 320-399 | 400-479 | 480-519 | 520 & Total | Total |
|--------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|-------------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Goa, Daman and Diu | 79 | 70 | 39 | 30 | 20 | 5 | 2 | 3 | 1 | 249 |
| Goa District | 76 | 65 | 39 | 29 | 20 | 5 | 2 | 3 | — | 239 |
| Tiswadi | 11 | 10 | 3 | 4 | 5 | — | 1 | 2 | — | 36 |
| Bardez | 15 | 13 | 10 | 5 | 4 | — | 1 | — | — | 48 |
| Pernem | 7 | 4 | 1 | 2 | — | — | — | — | — | 14 |
| Bicholim | — | 3 | 4 | 1 | 2 | 1 | — | — | — | 11 |
| Satari | 3 | 2 | — | — | — | — | — | — | — | 5 |
| Ponda | 9 | 8 | 4 | 3 | 1 | 2 | — | — | — | 27 |
| Sanguem | 6 | 4 | 1 | 1 | — | — | — | — | — | 12 |
| Canacona | 7 | 1 | 2 | 1 | — | — | — | — | — | 11 |
| Quepem | 1 | 2 | 1 | 1 | 2 | 1 | — | 1 | — | 9 |
| Salcete | 15 | 14 | 11 | 7 | 5 | 1 | — | — | — | 53 |
| Mormugao | 2 | 4 | 2 | 4 | 1 | — | — | — | — | 13 |
| Daman District | 1 | 2 | — | 1 | — | — | — | — | 1 | 5 |
| Daman | 1 | 2 | — | 1 | — | — | — | — | 1 | 5 |
| Diu District | 2 | 3 | — | — | — | — | — | — | — | 5 |
| Diu | 2 | 3 | — | — | — | — | — | — | — | 5 |

Source: — Directorate of Education, Panaji.

TABLE 2.9

Percentage Distribution of High/Higher Secondary Schools or Sections by Talukas and Enrolment, 1977-78

| District/Taluka | Percentage of High/Hr. Secondary Sections with Enrolment | | | | | | | | | |
|--------------------------|--|---------|---------|---------|---------|---------|---------|---------|-------------|--------|
| | Below 100 | 100-139 | 140-179 | 180-239 | 240-319 | 320-399 | 400-479 | 480-519 | 520 & above | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Goa, Daman and Diu | 31.73 | 28.11 | 15.66 | 12.05 | 8.03 | 2.01 | 0.80 | 1.21 | 0.40 | 100.00 |
| Goa District | 31.80 | 27.20 | 16.32 | 12.13 | 8.37 | 2.09 | 0.84 | 1.25 | — | 100.00 |
| Tiswadi | 30.56 | 27.78 | 8.33 | 11.11 | 13.89 | — | 2.78 | 5.55 | — | 100.00 |
| Bardez | 31.25 | 27.08 | 20.83 | 10.42 | 8.33 | — | 2.09 | — | — | 100.00 |
| Pernem | 50.00 | 28.57 | 7.14 | 14.29 | — | — | — | — | — | 100.00 |
| Bicholim | — | 27.27 | 36.37 | 9.09 | 18.18 | 9.09 | — | — | — | 100.00 |
| Satari | 60.00 | 40.00 | — | — | — | — | — | — | — | 100.00 |
| Ponda | 33.33 | 29.63 | 14.82 | 11.11 | 3.70 | 7.41 | — | — | — | 100.00 |
| Sanguem | 50.00 | 33.34 | 8.33 | 8.33 | — | — | — | — | — | 100.00 |
| Canacona | 63.64 | 9.09 | 18.18 | 9.09 | — | — | — | — | — | 100.00 |
| Quepem | 11.11 | 22.23 | 11.11 | 11.11 | 22.22 | 11.11 | — | 11.11 | — | 100.00 |
| Salcete | 28.30 | 26.42 | 20.75 | 13.21 | 9.43 | 1.89 | — | — | — | 100.00 |
| Mormugao | 15.39 | 30.77 | 15.38 | 30.77 | 7.69 | — | — | — | — | 100.00 |
| Daman District | 20.00 | 40.00 | — | 20.00 | — | — | — | — | 20.00 | 100.00 |
| Daman | 20.00 | 40.00 | — | 20.00 | — | — | — | — | 20.00 | 100.00 |
| Diu District | 40.00 | 60.00 | — | — | — | — | — | — | — | 100.00 |
| Diu | 40.00 | 60.00 | — | — | — | — | — | — | — | 100.00 |

Source: — Directorate of Education, Panaji.

TABLE 2.10

**Percentage Distribution of Different School Sections in
Goa, Daman and Diu by Rural and Urban, according to
No. of teachers in 1977-78**

| Number of Teachers | Rural | | Urban | | Total | |
|------------------------------------|-------------|---------------|------------|---------------|-------------|---------------|
| | Number | Percent | Number | Percent | Number | Percent |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| A. Primary Sections: | | | | | | |
| One teacher (including zero) . . . | 209 | 20.73 | 10 | 7.94 | 219 | 19.31 |
| Two teachers | 501 | 49.70 | 21 | 16.67 | 522 | 46.03 |
| Three teachers | 119 | 11.81 | 20 | 15.87 | 139 | 12.26 |
| Four teachers | 78 | 7.74 | 18 | 14.28 | 96 | 8.47 |
| Five and more teachers | 101 | 10.02 | 57 | 45.24 | 158 | 13.93 |
| Total | 1008 | 100.00 | 126 | 100.00 | 1134 | 100.00 |
| B. Middle Sections: | | | | | | |
| One teacher (including zero) . . . | 31 | 11.03 | 3 | 3.80 | 34 | 9.44 |
| Two teachers | 41 | 14.59 | 4 | 5.06 | 45 | 12.50 |
| Three teachers | 39 | 13.88 | 9 | 11.39 | 48 | 13.33 |
| Four teachers | 39 | 13.88 | 8 | 10.13 | 47 | 13.06 |
| Five and more teachers | 131 | 46.62 | 55 | 69.62 | 186 | 51.67 |
| Total | 281 | 100.00 | 79 | 100.00 | 360 | 100.00 |
| C. Secondary Sections: | | | | | | |
| Up to 5 teachers | 47 | 26.41 | 12 | 21.82 | 59 | 25.26 |
| 6 to 8 teachers | 63 | 35.39 | 17 | 30.91 | 80 | 34.33 |
| 9 to 11 teachers | 45 | 25.28 | 11 | 20.00 | 56 | 25.26 |
| 12 to 14 teachers | 11 | 6.18 | 5 | 9.09 | 16 | 6.11 |
| 15 and more teachers | 12 | 6.74 | 10 | 18.18 | 22 | 9.04 |
| Total | 178 | 100.00 | 55 | 100.00 | 233 | 100.00 |

Source: -- Directorate of Education, Panaji.

TABLE 2.11

Enrolment in Primary, Middle and High/Higher Secondary classes in Goa, Daman and Diu along with percentage of respective Age group by sex, 1968-69 to 1977-78

| Stage and Group | 1968-69 | 1969-70 | 1970-71 | 1971-72 | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Primary (6 — 10) | | | | | | | | | | |
| Enrolment in classes (I to V): | | | | | | | | | | |
| Boys | 61,670 | 68,060 | 67,848 | 70,587 | 73,136 | 77,848 | 79,799 | 76,068 | 78,049 | 79,294 |
| Girls | 46,020 | 54,503 | 54,455 | 54,735 | 57,434 | 62,468 | 65,197 | 61,264 | 63,321 | 65,095 |
| Total | 1,07,690 | 1,22,563 | 1,22,303 | 1,25,322 | 1,30,570 | 1,40,316 | 1,44,996 | 1,37,332 | 1,41,370 | 1,44,389 |
| % to the Age - group: | | | | | | | | | | |
| Boys | 113.57 | 125.34 | 124.95 | 129.99 | 134.68 | 143.36 | 146.95 | 140.08 | 143.47 | 146.02 |
| Girls | 87.65 | 103.81 | 103.72 | 104.25 | 109.39 | 118.98 | 124.18 | 116.69 | 120.61 | 123.99 |
| Total | 100.83 | 114.75 | 114.51 | 117.34 | 122.25 | 131.38 | 135.76 | 128.58 | 131.38 | 135.19 |
| Middle (11 — 13) | | | | | | | | | | |
| Enrolment in classes (VI - VIII): | | | | | | | | | | |
| Boys | 18,594 | 17,941 | 23,342 | 23,066 | 22,059 | 23,273 | 25,273 | 26,375 | 27,000 | 28,886 |
| Girls | 10,064 | 10,332 | 14,391 | 15,484 | 14,720 | 16,165 | 17,353 | 18,182 | 19,273 | 21,389 |
| Total | 28,658 | 28,273 | 37,733 | 38,550 | 36,779 | 39,438 | 42,626 | 44,557 | 46,273 | 50,275 |
| % to the Age - group: | | | | | | | | | | |
| Boys | 61.98 | 59.80 | 77.80 | 76.88 | 73.53 | 77.57 | 84.24 | 87.91 | 90.00 | 96.28 |
| Girls | 35.06 | 36.00 | 50.14 | 53.95 | 51.28 | 56.32 | 60.46 | 63.35 | 67.15 | 74.52 |
| Total | 48.82 | 48.16 | 64.28 | 65.67 | 62.65 | 67.18 | 72.61 | 75.90 | 78.82 | 85.64 |
| Secondary (14 — 16) | | | | | | | | | | |
| Enrolment in classes (IX - XI): | | | | | | | | | | |
| Boys | 9,419 | 9,107 | 12,433 | 13,089 | 13,844 | 13,510 | 14,607 | 10,825 | 13,216 | 14,081 |
| Girls | 5,162 | 5,406 | 7,393 | 8,227 | 8,737 | 9,304 | 9,873 | 7,310 | 9,320 | 10,009 |
| Total | 14,581 | 14,513 | 19,826 | 21,316 | 22,581 | 22,814 | 24,480 | 18,135 | 22,536 | 24,090 |
| % to the Age - group: | | | | | | | | | | |
| Boys | 33.28 | 32.18 | 43.93 | 46.25 | 48.91 | 47.73 | 51.61 | 38.25 | 46.69 | 49.75 |
| Girls | 19.47 | 20.40 | 27.89 | 31.04 | 32.96 | 35.10 | 37.25 | 27.58 | 35.16 | 37.76 |
| Total | 26.60 | 26.48 | 36.17 | 38.89 | 41.20 | 41.63 | 44.67 | 33.09 | 41.12 | 43.95 |

Source: — Directorate of Education, Panaji.

TABLE 2.12

**Progress of Pre-primary Education Enrolment in
Goa, Daman and Diu, 1964-65 to 1977-78**

| Year | Total Enrolment at Pre-primary Stage | Total Enrolment in Pre-primary Schools | Enrolment in the age group below 6 years in all stages of general School Education |
|-----------------|--------------------------------------|--|--|
| 1 | 2 | 3 | 4 |
| 1964 - 65 | 4,167 | 604 | 3,518 |
| 1965 - 66 | 6,716 | 5,904 | 5,535 |
| 1966 - 67 | 6,859 | 6,313 | 7,761 |
| 1967 - 68 | 3,970 | 3,042 | 5,666 |
| 1968 - 69 | 5,819 | 4,694 | 8,650 |
| 1969 - 70 | 5,083 | 3,969 | 9,438 |
| 1970 - 71 | 8,301 | 5,538 | 8,704 |
| 1971 - 72 | 8,850 | 5,629 | 12,206 |
| 1972 - 73 | 11,921 | 5,865 | 12,584 |
| 1973 - 74 | 11,913 | 6,450 | 16,623 |
| 1974 - 75 | 12,816 | 6,385 | N. A. |
| 1975 - 76 | 15,326 | 9,769 | N. A. |
| 1976 - 77 | 16,094 | 10,774 | N. A. |
| 1977 - 78 | N. A. | N. A. | N. A. |

Source: — Directorate of Education, Panaji.

TABLE 2.13

**Progress of Primary Education Enrolment in
Goa, Daman and Diu, 1964-65 to 1977-78**

| Year | Enrolment at primary Stage | Enrolment in classes I-V | Enrolment in primary Schools | Enrolment in the age group 6-11 years in all Stages of general School Education |
|-----------|----------------------------------|-----------------------------|------------------------------------|--|
| 1 | 2 | 3 | 4 | 5 |
| 1964 - 65 | 80,348 | 88,648 | 69,776 | 54,907 |
| 1965 - 66 | 85,286 | 94,651 | 69,386 | 57,039 |
| 1966 - 67 | 84,566 | 95,919 | 70,964 | 56,595 |
| 1967 - 68 | 86,759 | 1,00,113 | 48,504 | 63,266 |
| 1968 - 69 | 92,709 | 1,07,690 | 51,093 | 72,819 |
| 1969 - 70 | 1,06,500 | 1,22,563 | 70,806 | 84,650 |
| 1970 - 71 | 1,04,457 | 1,22,303 | 67,850 | 74,616 |
| 1971 - 72 | 1,01,704 | 1,25,322 | 71,751 | 91,821 |
| 1972 - 73 | 1,12,835 | 1,30,570 | 66,189 | 80,009 |
| 1973 - 74 | 1,21,519 | 1,40,316 | 77,219 | 85,122 |
| 1974 - 75 | 1,25,373 | 1,44,996 | 78,080 | N. A. |
| 1975 - 76 | 1,16,412 | 1,37,332 | 73,676 | N. A. |
| 1976 - 77 | 1,17,727 | 1,41,370 | 74,907 | N. A. |
| 1977 - 78 | 1,18,642 | 1,44,389 | 75,448 | N. A. |

Source: — Directorate of Education, Panaji.

TABLE 2.14

**Progress of Middle School Education Enrolment in
Goa, Daman and Diu, 1964-65 to 1977-78**

| Year | Enrolment at middle Stage | Enrolment in classes (VI-VIII) | Enrolment in Middle Schools | Enrolment in the age-group 11-14 years (in all stage) of General School Edu- cation |
|-----------------|------------------------------|--------------------------------------|-----------------------------------|---|
| 1 | 2 | 3 | 4 | 5 |
| 1964 - 65 | 21,997 | 16,803 | 13,083 | 32,285 |
| 1965 - 66 | 22,721 | 18,430 | 10,169 | 34,219 |
| 1966 - 67 | 26,189 | 19,938 | 10,246 | 36,343 |
| 1967 - 68 | 30,762 | 23,491 | 33,181 | 36,800 |
| 1968 - 69 | 36,005 | 28,658 | 37,916 | 38,329 |
| 1969 - 70 | 37,627 | 28,273 | 35,442 | 41,650 |
| 1970 - 71 | 44,958 | 37,733 | 35,352 | 53,783 |
| 1971 - 72 | 42,306 | 38,550 | 33,635 | 52,938 |
| 1972 - 73 | 44,397 | 36,779 | 39,321 | 51,666 |
| 1973 - 74 | 47,087 | 39,438 | 34,770 | 47,579 |
| 1974 - 75 | 49,801 | 42,626 | 36,585 | N. A. |
| 1975 - 76 | 52,549 | 44,557 | 31,245 | N. A. |
| 1976 - 77 | 56,393 | 46,273 | 30,942 | N. A. |
| 1977 - 78 | 61,696 | 50,275 | 30,006 | N. A. |

Source: -- Directorate of Education, Panaji.

TABLE 2.15

**Progress of High/Higher Secondary Education Enrolment in
Goa, Daman and Diu, 1964-65 to 1977-78**

| Year | Enrolment at High/Higher Secondary Stage | Enrolment in classes (IX-XI) & (IX-XII) | Enrolment in High/Higher Secondary Schools | Enrolment in the age-group 14-17-years (in all stage) of General School Education |
|-----------|--|---|--|---|
| 1 | 2 | 3 | 4 | 5 |
| 1964 - 65 | 10,296 | 7,190 | 33,582 | 23,738 |
| 1965 - 66 | 14,031 | 8,957 | 43,646 | 29,062 |
| 1966 - 67 | 14,693 | 10,033 | 46,150 | 31,004 |
| 1967 - 68 | 18,521 | 12,433 | 56,481 | 34,428 |
| 1968 - 69 | 20,269 | 14,581 | 64,354 | 35,835 |
| 1969 - 70 | 21,222 | 14,513 | 66,452 | 36,387 |
| 1970 - 71 | 30,447 | 19,826 | 80,085 | 50,322 |
| 1971 - 72 | 31,507 | 21,316 | 85,539 | 23,561 |
| 1972 - 73 | 32,698 | 22,581 | 84,420 | 31,189 |
| 1973 - 74 | 33,962 | 22,814 | 90,579 | 33,676 |
| 1974 - 75 | 36,928 | 24,480 | 97,437 | N. A. |
| 1975 - 76 | 31,063 | 18,135 | 95,103 | N. A. |
| 1976 - 77 | 36,059 | 22,536 | 1,04,330 | N. A. |
| 1977 - 78 | 38,416 | 24,090 | 1,12,345 | N. A. |

Source:— Directorate of Education, Panaji.

TABLE 2.16

**Progress of General School Education in Rural areas of
Goa, Daman and Diu by stages, 1976-77 and 1977-78**

| Item | 1976-77 | | 1977-78 | |
|--------------------------|-----------------|------------------------|-----------------|------------------------|
| | Rural | % of Rural to Total | Rural | % of Rural to Total |
| 1 | 2 | 3 | 4 | 5 |
| A — Institutions | | | | |
| Pre-Primary | 198 | 90.82 | 191 | 100.00 |
| Primary | 841 | 94.38 | 836 | 92.88 |
| Middle | 115 | 87.78 | 122 | 89.70 |
| High/Hr. Secondary | 169 | 74.44 | 176 | 75.53 |
| Total | 1,323 | — | 1,325 | — |
| B — Enrolment | | | | |
| Pre-Primary | 9,835 | 91.28 | 5,514 | 100.00 |
| Primary | 64,935 | 85.91 | 63,372 | 83.99 |
| Middle | 22,712 | 73.40 | 23,731 | 79.08 |
| High/Hr. Secondary | 65,782 | 61.92 | 72,556 | 34.58 |
| Total | 1,63,264 | — | 1,65,173 | — |

Source: — Directorate of Education Panaji.

TABLE 2.17

Distribution of Class-wise Enrolment in Goa, Daman and Diu by Rural/Urban and Sex, 1977-78

| Class | Rural | | | Urban | | | Total | | |
|--------------------------|---------------|---------------|-----------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| A | | | | | | | | | |
| Classes I to V | 64,222 | 51,422 | 1,15,644 | 15,072 | 13,673 | 28,745 | 79,294 | 65,095 | 1,44,389 |
| I | | | | | | | | | |
| II | 52,320 | 42,692 | 95,012 | 12,278 | 11,352 | 23,630 | 64,598 | 54,044 | 1,18,642 |
| III | | | | | | | | | |
| IV | | | | | | | | | |
| V | 11,902 | 8,730 | 20,632 | 2,794 | 2,321 | 5,115 | 14,696 | 11,051 | 25,747 |
| Total | 64,222 | 51,422 | 1,15,644 | 15,072 | 13,673 | 28,745 | 79,294 | 65,095 | 1,44,389 |
| B | | | | | | | | | |
| Classes VI to VIII | 20,501 | 14,967 | 35,468 | 8,385 | 6,422 | 14,807 | 28,886 | 21,389 | 50,275 |
| VI | 8,186 | 5,993 | 14,179 | 3,348 | 2,569 | 5,917 | 11,534 | 8,562 | 20,096 |
| VII | 6,451 | 4,729 | 11,180 | 2,641 | 2,032 | 4,673 | 9,092 | 6,761 | 15,853 |
| VIII | 5,864 | 4,245 | 10,109 | 2,396 | 1,821 | 4,217 | 8,260 | 60,66 | 14,326 |
| Total | 20,501 | 14,967 | 35,468 | 8,385 | 6,422 | 14,807 | 28,886 | 21,389 | 50,275 |

Source: — Directorate of Education, Panaji.

Age — Composition of Enrolment in class-I in

| Age (in years) | 1964-65 | | 1965-66 | | 1966-67 | |
|---|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|
| | Number of children | Percentage to total | Number of children | Percentage to total | Number of children | Percentage to total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Below - 5 | 211 | 0.58 | 244 | 0.66 | 211 | 0.58 |
| 5 - 6 | 1,431 | 3.93 | 1,425 | 3.83 | 1,687 | 4.63 |
| 6 - 7 | 6,650 | 18.25 | 6,656 | 17.90 | 6,910 | 18.95 |
| 7 - 8 | 8,603 | 23.61 | 8,966 | 24.11 | 9,991 | 27.41 |
| 8 - 9 | 7,191 | 19.73 | 7,202 | 19.37 | 7,948 | 21.80 |
| 9 - 10 | 5,037 | 13.82 | 5,379 | 14.47 | 4,202 | 11.53 |
| 10 - 11 | 3,243 | 8.89 | 3,136 | 8.43 | 1,791 | 4.91 |
| 11 - 12 | 1,891 | 5.19 | 1,768 | 4.75 | 1,673 | 4.59 |
| Above - 12 | 2,183 | 6.00 | 2,411 | 6.48 | 2,043 | 5.60 |
| Total Enrolment in Class I | 36,440 | 100.00 | 37,187 | 100.00 | 36,456 | 100.00 |

2.18

Goa, Daman and Diu, 1964-65 to 1971-72

| 1967-68 | | 1968-69 | | 1969-70 | | 1970-71 | | 1971-72 | |
|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|
| Number of children | Percentage to total | Number of children | Percentage to total | Number of children | Percentage to total | Number of children | Percentage to total | Number of children | Percentage to total |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 12 | 0.03 | 13 | 0.03 | 18 | 0.04 | 4 | 0.01 | — | — |
| 1,520 | 4.26 | 2,530 | 6.19 | 3,440 | 7.53 | 3,524 | 7.95 | 2,939 | 6.49 |
| 9,746 | 27.30 | 10,562 | 25.81 | 12,002 | 26.29 | 8,369 | 18.87 | 13,087 | 28.90 |
| 8,669 | 24.28 | 8,226 | 20.12 | 9,268 | 20.30 | 10,339 | 23.32 | 10,686 | 23.60 |
| 6,863 | 19.22 | 8,974 | 21.95 | 10,126 | 22.18 | 9,899 | 22.32 | 8,104 | 17.89 |
| 4,113 | 11.52 | 5,136 | 12.57 | 5,237 | 11.47 | 6,305 | 14.22 | 5,445 | 12.02 |
| 2,233 | 6.26 | 2,728 | 6.67 | 2,827 | 6.19 | 3,263 | 7.36 | 2,175 | 4.80 |
| 1,228 | 3.44 | 1,409 | 3.45 | 1,314 | 2.88 | 1,398 | 3.15 | 1,588 | 3.51 |
| 1,318 | 3.69 | 1,300 | 3.18 | 1,422 | 3.12 | 1,241 | 2.80 | 1,265 | 2.79 |
| 35,702 | 100.00 | 40,878 | 100.00 | 45,654 | 100.00 | 44,342 | 100.00 | 45,289 | 100.00 |

Source: — Directorate of Education, Panaji

TABLE 2.19

Enrolment in General School Education by stages in Goa, Daman and Diu, 1964-65 to 1977-78

| Year | Primary (class I-V) | | | Middle (VI-VIII) | | | Higher secondary (IX-XII) | | | Total | | |
|---------------|---------------------|--------|----------|------------------|--------|--------|---------------------------|--------|--------|----------|--------|----------|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1964-65 | 53,078 | 35,570 | 88,648 | 10,828 | 5,975 | 16,803 | 4,581 | 2,609 | 7,190 | 68,487 | 44,154 | 1,12,641 |
| 1965-66 | 56,235 | 38,416 | 94,651 | 11,595 | 6,835 | 18,430 | 5,722 | 3,235 | 8,957 | 73,552 | 48,486 | 1,22,038 |
| 1966-67 | 56,434 | 39,485 | 95,919 | 12,828 | 7,110 | 19,938 | 6,542 | 3,494 | 10,036 | 75,804 | 50,089 | 1,25,893 |
| 1967-68 | 57,436 | 42,677 | 1,00,113 | 14,784 | 8,707 | 23,491 | 7,964 | 4,474 | 12,438 | 80,184 | 55,858 | 1,36,042 |
| 1968-69 | 61,670 | 46,020 | 1,07,690 | 18,594 | 10,064 | 28,658 | 9,419 | 5,162 | 14,581 | 89,683 | 61,246 | 1,50,929 |
| 1969-70 | 68,060 | 51,503 | 1,22,563 | 17,941 | 10,332 | 28,273 | 9,107 | 5,406 | 14,513 | 95,108 | 70,241 | 1,65,349 |
| 1970-71 | 67,848 | 54,455 | 1,22,303 | 23,342 | 14,391 | 37,733 | 12,433 | 7,393 | 19,826 | 1,03,623 | 76,239 | 1,79,862 |
| 1971-72 | 70,587 | 54,735 | 1,25,322 | 23,066 | 15,484 | 38,550 | 13,989 | 8,227 | 21,316 | 1,06,742 | 78,446 | 1,85,188 |
| 1972-73 | 73,136 | 57,434 | 1,30,570 | 22,059 | 14,720 | 36,779 | 13,844 | 8,737 | 22,581 | 1,09,039 | 80,891 | 1,89,930 |
| 1973-74 | 77,848 | 62,468 | 1,40,316 | 23,273 | 16,165 | 39,438 | 13,510 | 9,304 | 22,814 | 1,14,631 | 87,937 | 2,02,568 |
| 1974-75 | 79,799 | 65,197 | 1,44,996 | 25,273 | 17,353 | 42,626 | 14,697 | 9,873 | 24,480 | 1,19,679 | 92,423 | 2,12,102 |
| 1975-76 | 76,068 | 61,264 | 1,37,332 | 26,375 | 18,182 | 44,557 | 10,825 | 7,310 | 18,135 | 1,13,268 | 86,756 | 2,00,024 |
| 1976-77 | 78,049 | 63,321 | 1,41,370 | 27,000 | 19,273 | 46,273 | 13,216 | 9,320 | 22,536 | 1,18,265 | 91,914 | 2,10,179 |
| 1977-78 | 79,294 | 65,095 | 1,44,389 | 28,886 | 21,389 | 50,275 | 14,081 | 10,009 | 24,090 | 1,22,261 | 96,493 | 2,18,754 |

Source: — Directorate of Education, Panaji.

TABLE 2.20

**Enrolment in Classes I to V in Goa, Daman & Diu and
Percentage Annual Increase by Sex, 1964-65 to 1977-78**

| Year | Enrolment in classes | | | | | | Total | Annual increase |
|---------------|----------------------|--------|--------|--------|--------|----------|-------|--------------------|
| | I | II | III | IV | V | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | | |
| Boys: | | | | | | | | |
| 1964-65 | 20,811 | 11,668 | 8,047 | 6,420 | 5,232 | 53,078 | — | |
| 1965-66 | 21,209 | 11,180 | 10,087 | 7,807 | 5,952 | 56,235 | 5.9 | |
| 1966-67 | 20,445 | 10,468 | 9,933 | 8,238 | 7,350 | 56,434 | 0.4 | |
| 1967-68 | 19,678 | 11,438 | 9,478 | 8,542 | 8,300 | 57,436 | 1.8 | |
| 1968-69 | 22,186 | 11,996 | 9,822 | 8,635 | 9,031 | 61,670 | 7.4 | |
| 1969-70 | 25,319 | 13,389 | 10,380 | 8,939 | 9,532 | 68,060 | 10.4 | |
| 1970-71 | 24,235 | 13,552 | 10,831 | 8,775 | 10,455 | 67,848 | -0.3 | |
| 1971-72 | 24,319 | 13,995 | 11,839 | 9,895 | 10,639 | 70,587 | 4.0 | |
| 1972-73 | 26,656 | 13,639 | 12,210 | 9,911 | 10,710 | 73,136 | 3.6 | |
| 1973-74 | 26,729 | 15,562 | 12,999 | 11,401 | 11,157 | 77,848 | 6.4 | |
| 1974-75 | 21,143 | 20,724 | 15,373 | 11,137 | 11,422 | 79,799 | 2.5 | |
| 1975-76 | * | 35,918 | 15,972 | 11,969 | 12,209 | 76,068 | -4.7 | |
| 1976-77 | * | * | 51,416 | 13,029 | 13,604 | 78,049 | +2.6 | |
| 1977-78 | * | * | * | 64,598 | 14,696 | 79,294 | +1.6 | |
| Girls: | | | | | | | | |
| 1964-65 | 15,629 | 7,691 | 5,447 | 3,732 | 3,068 | 35,570 | — | |
| 1965-66 | 15,978 | 7,607 | 6,636 | 4,782 | 3,413 | 38,416 | 8.0 | |
| 1966-67 | 16,011 | 7,601 | 6,794 | 5,076 | 4,003 | 39,485 | 2.8 | |
| 1967-68 | 16,024 | 8,421 | 7,061 | 6,117 | 5,054 | 42,677 | 8.1 | |
| 1968-69 | 8,593 | 8,085 | 7,332 | 6,060 | 5,950 | 46,020 | 7.8 | |
| 1969-70 | 20,335 | 11,129 | 9,887 | 6,621 | 6,531 | 54,503 | 18.4 | |
| 1970-71 | 20,107 | 11,511 | 8,165 | 7,281 | 7,391 | 54,455 | -0.1 | |
| 1971-72 | 19,895 | 10,835 | 8,835 | 7,535 | 7,635 | 54,735 | 0.5 | |
| 1972-73 | 22,295 | 10,938 | 9,709 | 7,467 | 7,025 | 57,434 | 4.9 | |
| 1973-74 | 22,816 | 12,738 | 10,771 | 8,509 | 7,640 | 62,468 | 8.8 | |
| 1974-75 | 18,110 | 18,145 | 11,639 | 9,102 | 8,201 | 65,197 | 4.4 | |
| 1975-76 | * | 30,794 | 12,613 | 9,146 | 8,711 | 61,264 | -6.1 | |
| 1976-77 | * | * | 42,771 | 10,511 | 10,039 | 63,321 | 3.4 | |
| 1977-78 | * | * | * | 54,044 | 11,051 | 65,095 | 2.8 | |
| Total: | | | | | | | | |
| 1964-65 | 36,440 | 19,362 | 14,394 | 10,152 | 8,300 | 88,648 | — | |
| 1965-66 | 37,187 | 18,787 | 16,723 | 12,589 | 9,365 | 94,651 | 6.8 | |
| 1966-67 | 36,456 | 18,069 | 16,727 | 13,314 | 11,353 | 95,919 | 1.3 | |
| 1967-68 | 35,702 | 19,859 | 16,539 | 14,659 | 13,354 | 1,00,113 | 4.4 | |
| 1968-69 | 40,779 | 20,081 | 17,154 | 14,695 | 14,981 | 1,07,690 | 7.6 | |
| 1969-70 | 45,654 | 25,018 | 20,268 | 15,560 | 16,063 | 1,22,563 | 13.8 | |
| 1970-71 | 44,342 | 25,063 | 18,996 | 16,056 | 17,846 | 1,22,303 | -0.2 | |
| 1971-72 | 44,114 | 24,830 | 20,674 | 17,430 | 18,274 | 1,25,322 | 2.4 | |
| 1972-73 | 48,961 | 24,577 | 21,919 | 17,378 | 17,735 | 1,30,570 | 4.2 | |
| 1973-74 | 49,539 | 28,300 | 23,770 | 19,910 | 18,797 | 1,40,316 | 7.5 | |
| 1974-75 | 39,253 | 38,869 | 27,012 | 20,239 | 19,629 | 1,44,996 | 3.3 | |
| 1975-76 | * | 66,712 | 28,585 | 21,115 | 20,920 | 1,37,332 | -5.3 | |
| 1976-77 | * | * | 94,187 | 23,540 | 23,643 | 1,41,370 | 2.9 | |
| 1977-78 | * | * | * | * | 25,747 | 1,44,389 | 2.1 | |

The un-graded pattern was introduced from 1975-76.

Source: — Directorate of Education, Panaji.

TABLE 2.21

**Enrolment in Classes VI to VIII in Goa, Daman & Diu and
Percentage Annual Increase by Sex, 1964-65 to 1977-78**

| Year | Enrolment in classes | | | | Percentage Annual increase |
|---------------|----------------------|--------|--------|--------|----------------------------|
| | VI | VII | VIII | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Boys: | | | | | |
| 1964-65 | 5,376 | 3,540 | 1,912 | 10,828 | — |
| 1965-66 | 4,660 | 3,680 | 3,255 | 11,595 | 7.1 |
| 1966-67 | 5,376 | 4,147 | 3,305 | 12,828 | 10.6 |
| 1967-68 | 6,183 | 4,788 | 3,813 | 14,784 | 15.2 |
| 1968-69 | 7,600 | 6,453 | 4,541 | 18,594 | 25.8 |
| 1969-70 | 7,832 | 5,915 | 4,194 | 17,941 | -3.5 |
| 1970-71 | 8,904 | 7,808 | 6,630 | 23,342 | 30.1 |
| 1971-72 | 8,739 | 7,632 | 6,695 | 23,066 | -1.2 |
| 1972-73 | 8,637 | 7,296 | 6,126 | 22,059 | -4.4 |
| 1973-74 | 9,074 | 7,583 | 6,616 | 23,273 | -5.5 |
| 1974-75 | 9,666 | 8,253 | 7,354 | 25,273 | -8.6 |
| 1975-76 | 9,968 | 8,554 | 7,853 | 26,375 | -4.4 |
| 1976-77 | 10,216 | 8,758 | 8,026 | 27,000 | -2.4 |
| 1977-78 | 11,534 | 9,092 | 8,260 | 28,886 | -7.0 |
| Girls: | | | | | |
| 1964-65 | 2,897 | 1,884 | 1,194 | 5,975 | — |
| 1965-66 | 2,739 | 2,277 | 1,819 | 6,835 | 14.4 |
| 1966-67 | 2,999 | 2,314 | 1,797 | 7,110 | 4.0 |
| 1967-68 | 3,640 | 2,797 | 2,270 | 8,707 | 22.5 |
| 1968-69 | 4,672 | 2,899 | 2,493 | 10,064 | 15.6 |
| 1969-70 | 4,905 | 2,912 | 2,515 | 10,332 | 2.7 |
| 1970-71 | 5,492 | 4,908 | 3,991 | 14,391 | 39.3 |
| 1971-72 | 5,932 | 4,931 | 4,621 | 15,484 | 7.6 |
| 1972-73 | 5,849 | 4,880 | 3,991 | 14,720 | -5.0 |
| 1973-74 | 6,173 | 5,460 | 4,532 | 16,165 | +9.8 |
| 1974-75 | 6,647 | 5,612 | 5,094 | 17,353 | +7.3 |
| 1975-76 | 7,090 | 6,017 | 5,075 | 18,182 | +4.8 |
| 1976-77 | 7,373 | 6,403 | 5,497 | 19,273 | +6.0 |
| 1977-78 | 8,562 | 6,761 | 6,066 | 21,389 | +11.0 |
| Total: | | | | | |
| 1964-65 | 8,273 | 5,424 | 3,106 | 16,803 | — |
| 1965-66 | 7,399 | 5,957 | 5,074 | 18,430 | 9.7 |
| 1966-67 | 8,375 | 6,461 | 5,102 | 19,938 | 8.2 |
| 1967-68 | 9,823 | 7,585 | 6,083 | 23,491 | 17.8 |
| 1968-69 | 12,272 | 9,352 | 7,034 | 28,658 | 22.0 |
| 1969-70 | 12,737 | 8,827 | 6,709 | 28,273 | -1.3 |
| 1970-71 | 14,396 | 12,716 | 10,621 | 37,733 | +33.5 |
| 1971-72 | 14,671 | 12,563 | 11,316 | 38,550 | +3.2 |
| 1972-73 | 14,486 | 12,176 | 10,117 | 36,779 | -4.6 |
| 1973-74 | 15,247 | 13,043 | 11,148 | 39,438 | +7.2 |
| 1974-75 | 16,313 | 13,865 | 12,448 | 42,626 | +8.3 |
| 1975-76 | 17,058 | 14,571 | 12,928 | 44,557 | +4.5 |
| 1976-77 | 17,589 | 15,161 | 13,523 | 46,273 | +3.9 |
| 1977-78 | 20,096 | 15,853 | 14,326 | 50,275 | +8.6 |

Source: — Directorate of Education, Panaji.

TABLE 2.22

**Enrolment in Classes IX to XI in Goa, Daman & Diu and
Percentage Annual Increase by Sex, 1964-65 to 1977-78**

| Year | IX | X | XI | Total | Percentage Annual increase |
|---------------|--------|-------|-------|--------|----------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| Boys: | | | | | |
| 1964-65 | 1,806 | 1,660 | 1,115 | 4,581 | — |
| 1965-66 | 2,513 | 1,892 | 1,287 | 5,722 | 24.9 |
| 1966-67 | 2,931 | 2,223 | 1,388 | 6,542 | 14.3 |
| 1967-68 | 3,241 | 2,830 | 1,890 | 7,964 | 21.7 |
| 1968-69 | 3,603 | 3,151 | 2,665 | 9,419 | 18.3 |
| 1969-70 | 3,704 | 2,912 | 2,491 | 9,103 | -3.3 |
| 1970-71 | 5,200 | 1,115 | 3,118 | 12,433 | 36.5 |
| 1971-72 | 5,396 | 4,495 | 3,198 | 13,089 | 5.3 |
| 1972-73 | 5,612 | 4,778 | 3,151 | 13,844 | 5.8 |
| 1973-74 | 4,384 | 5,371 | 3,755 | 13,510 | -2.4 |
| 1974-75 | 5,788 | 3,474 | 5,345 | 14,607 | 8.1 |
| 1975-76 | 6,516 | 4,031 | 278 | 10,825 | -35.9 |
| 1976-77 | 6,694 | 4,259 | 1,364 | 12,317 | +13.8 |
| 1977-78 | 6,914 | 4,370 | 1,670 | 12,954 | +5.2 |
| Girls: | | | | | |
| 1964-65 | 1,042 | 937 | 630 | 2,609 | — |
| 1965-66 | 1,400 | 1,076 | 759 | 3,235 | 24.0 |
| 1966-67 | 1,415 | 1,281 | 789 | 3,494 | 8.0 |
| 1967-68 | 1,906 | 1,464 | 1,104 | 4,474 | 28.0 |
| 1968-69 | 2,242 | 1,695 | 1,225 | 5,162 | 15.4 |
| 1969-70 | 2,291 | 1,722 | 1,393 | 5,406 | 4.7 |
| 1970-71 | 3,040 | 2,536 | 1,817 | 7,393 | 36.8 |
| 1971-72 | 3,439 | 2,863 | 1,925 | 8,227 | 11.2 |
| 1972-73 | 3,498 | 3,134 | 2,105 | 8,737 | 6.2 |
| 1973-74 | 3,066 | 3,713 | 2,525 | 9,304 | 6.5 |
| 1974-75 | 3,952 | 2,299 | 3,622 | 9,873 | 6.1 |
| 1975-76 | 4,424 | 2,814 | 72 | 7,310 | -36.0 |
| 1976-77 | 4,817 | 3,023 | 842 | 8,682 | +18.8 |
| 1977-78 | 4,984 | 3,125 | 1,152 | 9,261 | +6.7 |
| Total: | | | | | |
| 1964-65 | 2,848 | 2,597 | 1,745 | 7,190 | — |
| 1965-66 | 3,943 | 2,968 | 2,046 | 8,957 | 24.6 |
| 1966-67 | 4,346 | 3,504 | 2,186 | 10,036 | 12.0 |
| 1967-68 | 5,150 | 4,294 | 2,994 | 12,438 | 23.9 |
| 1968-69 | 5,845 | 4,846 | 3,890 | 14,581 | 17.2 |
| 1969-70 | 5,995 | 4,634 | 3,884 | 14,513 | -0.5 |
| 1970-71 | 8,240 | 6,651 | 4,935 | 19,826 | 36.6 |
| 1971-72 | 8,835 | 7,358 | 5,123 | 21,316 | 7.5 |
| 1972-73 | 9,110 | 7,912 | 5,559 | 22,581 | 5.9 |
| 1973-74 | 7,450 | 9,084 | 6,280 | 22,814 | 1.0 |
| 1974-75 | 9,740 | 5,773 | 8,967 | 24,480 | 7.3 |
| 1975-76 | 10,910 | 6,845 | 350 | 18,135 | -35.9 |
| 1976-77 | 11,511 | 7,282 | 2,206 | 20,999 | +15.8 |
| 1977-78 | 11,898 | 7,495 | 2,822 | 22,215 | +5.8 |

Source: — Directorate of Education, Panaji

TABLE 2.23

**Total Enrolment and Percentage Distribution of Pupils in Classes I to V in Goa, Daman and Diu by
Age - groups, 1964-65 to 1971-72**

| Year | Below 6 years | 6-11 years | Above 11 years | Grand Total | Percentage of Enrolment in the age-groups to total Enrolment | | | |
|---------------|------------------|---------------|-------------------|----------------|---|---------------|-------------------|--------|
| | | | | | Below 6 years | 6-11 Years | Above 11 years | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1964-65 | 1749 | 54235 | 32664 | 88648 | 1.97 | 61.18 | 36.85 | 100.00 |
| 1965-66 | 1718 | 56781 | 36152 | 94651 | 1.82 | 59.99 | 38.19 | 100.00 |
| 1966-67 | 1951 | 56103 | 37865 | 95919 | 2.03 | 58.49 | 39.48 | 100.00 |
| 1967-68 | 1548 | 62511 | 36054 | 100113 | 1.55 | 62.44 | 36.01 | 100.00 |
| 1968-69 | 2552 | 72247 | 32768 | 107567 | 2.37 | 67.17 | 30.46 | 100.00 |
| 1969-70 | 3486 | 82312 | 36765 | 122563 | 2.84 | 67.16 | 30.00 | 100.00 |
| 1970-71 | 3546 | 73957 | 45073 | 122576 | 2.89 | 60.34 | 36.77 | 100.00 |
| 1971-72 | 2982 | 76308 | 49290 | 128580 | 2.32 | 59.35 | 38.33 | 100.00 |

Source: — Directorate of Education, Panaji.

TABLE 2.24

Total Enrolment and Percentage Distribution of Pupils in Classes VI to VIII in Goa, Daman and Diu by Age - groups, 1964-65 to 1971-72

| Year | Below 11 years | 11-14 years | Above 14 years | Grand Total | Percentage of Enrolment in the age — groups to total Enrolment | | | |
|---------------|----------------|-------------|----------------|-------------|--|-------------|----------------|--------|
| | | | | | Below 11 years | 11-14 years | Above 14 years | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1964-65 | 671 | 6457 | 9675 | 16803 | 3.99 | 38.43 | 57.58 | 100.00 |
| 1965-66 | 258 | 5665 | 12507 | 18430 | 1.40 | 30.74 | 67.86 | 100.00 |
| 1966-67 | 492 | 6148 | 13298 | 19938 | 2.47 | 30.83 | 66.70 | 100.00 |
| 1967-68 | 755 | 8802 | 13934 | 23491 | 3.21 | 37.47 | 59.32 | 100.00 |
| 1968-69 | 522 | 9830 | 17702 | 28054 | 1.86 | 35.04 | 63.10 | 100.00 |
| 1969-70 | 314 | 9950 | 16814 | 27078 | 1.16 | 36.75 | 62.09 | 100.00 |
| 1970-71 | 1496 | 12928 | 23209 | 37633 | 3.98 | 34.35 | 61.67 | 100.00 |
| 1971-72 | 1422 | 14396 | 23720 | 39538 | 3.60 | 36.41 | 59.99 | 100.00 |

Source: — Directorate of Education, Panaji.

TABLE 2.25

Total Enrolment and Percentage Distribution of Pupils in Classes IX to XI in Goa, Daman and Diu by Age - groups, 1964-65 to 1971-72

| Year | Below 14 years | 14-17 years | Above 17-years | Grand total | Percentage Enrolment in the Age-groups to total Enrolment | | | |
|---------------|-------------------|-------------|-------------------|----------------|--|-------------|-------------------|--------|
| | | | | | Below 14 years | 14-17 years | Above 17 years | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1964-65 | 158 | 3075 | 3647 | 7190 | 6.50 | 42.76 | 50.74 | 100.00 |
| 1965-66 | 176 | 4084 | 4397 | 8657 | 5.31 | 45.60 | 49.09 | 100.00 |
| 1966-67 | 198 | 4410 | 5128 | 10036 | 4.96 | 43.94 | 51.10 | 100.00 |
| 1967-68 | 711 | 5193 | 6504 | 12408 | 5.96 | 41.75 | 52.29 | 100.00 |
| 1968-69 | 666 | 5386 | 7848 | 13900 | 4.79 | 38.75 | 56.46 | 100.00 |
| 1969-70 | 351 | 5232 | 8030 | 13613 | 2.42 | 36.05 | 61.53 | 100.00 |
| 1970-71 | 651 | 7646 | 11529 | 19826 | 3.28 | 38.57 | 58.15 | 100.00 |
| 1971-72 | 84 | 5039 | 16739 | 21862 | 0.38 | 23.05 | 76.57 | 100.00 |

Source: -- Directorate of Education, Panaji.

TABLE 2.26

Enrolment in Classes I - V in Goa, Daman and Diu by Talukas and Sex, 1972-73 to 1977-78

| District/Talukas | 1972-73 | | 1973-74 | | 1974-75 | | 1975-76 | | 1976-77 | | 1977-78 | |
|--------------------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| | Boys | Total | Boys | Total | Boys | Total | Boys | Total | Boys | Total | Boys | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Goa, Daman and Diu | 73,136 | 1,30,570 | 77,848 | 1,40,316 | 79,316 | 1,44,996 | 76,068 | 1,37,332 | 78,049 | 1,41,370 | 79,299 | 1,44,389 |
| Goa District | 67,528 | 1,20,997 | 72,111 | 1,30,503 | 72,955 | 1,33,684 | 69,444 | 1,26,451 | 71,957 | 1,30,714 | 73,160 | 1,33,582 |
| Tiswadi | 8,967 | 15,888 | 9,391 | 17,228 | 9,639 | 17,736 | 9,181 | 1,70,52 | 9,504 | 16,957 | 9,270 | 17,263 |
| Bardez | 10,659 | 19,863 | 11,266 | 20,264 | 11,688 | 21,889 | 11,393 | 21,236 | 11,442 | 21,482 | 11,676 | 21,717 |
| Pernem | 4,970 | 9,069 | 5,487 | 10,184 | 4,861 | 9,901 | 5,118 | 9,688 | 5,045 | 9,518 | 5,081 | 9,657 |
| Bicholim | 5,807 | 10,316 | 5,791 | 10,308 | 5,953 | 10,820 | 5,526 | 9,911 | 5,850 | 10,513 | 5,749 | 10,485 |
| Satari | 3,042 | 4,919 | 2,992 | 4,925 | 2,955 | 4,946 | 2,680 | 4,362 | 2,832 | 4,611 | 2,862 | 4,774 |
| Ponda | 7,826 | 13,762 | 8,375 | 14,811 | 8,832 | 15,803 | 7,871 | 14,075 | 8,343 | 15,017 | 8,368 | 15,293 |
| Sanguem | 3,677 | 6,064 | 4,020 | 7,016 | 3,687 | 6,192 | 3,147 | 5,456 | 3,116 | 5,427 | 3,328 | 5,802 |
| Canacona | 2,437 | 4,316 | 2,432 | 4,335 | 2,498 | 4,477 | 2,463 | 4,410 | 2,718 | 4,936 | 2,784 | 4,899 |
| Quepem | 3,540 | 6,213 | 3,815 | 6,625 | 4,146 | 7,312 | 3,611 | 6,211 | 3,874 | 6,712 | 3,805 | 6,553 |
| Salcete | 12,304 | 22,782 | 13,674 | 25,497 | 13,739 | 25,449 | 13,367 | 24,709 | 13,918 | 25,837 | 14,419 | 26,487 |
| Mormugao | 4,299 | 7,805 | 4,868 | 8,950 | 4,957 | 9,159 | 5,087 | 9,341 | 5,315 | 9,704 | 5,818 | 10,652 |
| Daman District | 3,325 | 5,858 | 3,341 | 5,962 | 3,936 | 7,204 | 3,543 | 6,032 | 3,523 | 6,364 | 3,610 | 6,537 |
| Daman | 3,325 | 5,858 | 3,341 | 5,962 | 3,936 | 7,204 | 3,543 | 6,032 | 3,523 | 6,364 | 3,610 | 6,537 |
| Diu District | 2,283 | 3,715 | 2,396 | 3,851 | 2,425 | 4,108 | 3,081 | 4,849 | 2,569 | 4,292 | 2,529 | 4,270 |
| Diu | 2,283 | 3,715 | 2,396 | 3,851 | 2,425 | 4,108 | 3,081 | 4,849 | 2,569 | 4,292 | 2,529 | 4,270 |

Source: — Directorate of Education, Panaji.

TABLE 2.27

Enrolment in Classes VI to VIII in Goa, Daman and Diu by Talukas and Sex, 1972-73 to 1977-78

| District/Talukas | 1972-73 | | 1973-74 | | 1974-75 | | 1975-76 | | 1976-77 | | 1977-78 | |
|--------------------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
| | Boys | Total | Boys | Total | Boys | Total | Boys | Total | Boys | Total | Boys | Total |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Goa, Daman and Diu | 22,060 | 36,779 | 23,273 | 39,438 | 25,285 | 42,626 | 26,373 | 44,557 | 27,000 | 46,273 | 28,886 | 50,275 |
| Goa District | 20,735 | 34,779 | 21,960 | 37,349 | 23,520 | 39,841 | 24,205 | 41,311 | 24,974 | 43,157 | 26,894 | 47,163 |
| Tiswadi | 3,641 | 6,158 | 3,591 | 6,243 | 3,777 | 6,613 | 4,098 | 7,078 | 4,322 | 7,438 | 4,416 | 7,764 |
| Bardez | 4,197 | 6,991 | 4,135 | 7,003 | 4,240 | 7,450 | 4,474 | 7,696 | 4,490 | 8,140 | 4,932 | 9,047 |
| Pernem | 1,186 | 1,665 | 1,397 | 2,036 | 1,482 | 2,112 | 1,509 | 2,263 | 1,493 | 2,297 | 1,577 | 2,472 |
| Bicholim | 1,296 | 1,991 | 1,466 | 2,265 | 1,663 | 2,593 | 1,567 | 2,557 | 1,590 | 2,534 | 1,775 | 2,851 |
| Satari | 380 | 556 | 358 | 554 | 448 | 631 | 390 | 621 | 483 | 739 | 563 | 844 |
| Ponda | 2,419 | 3,649 | 2,531 | 3,941 | 2,656 | 4,176 | 2,636 | 4,212 | 2,767 | 4,393 | 3,119 | 5,090 |
| Sanguem | 780 | 1,195 | 847 | 1,353 | 815 | 1,248 | 928 | 1,413 | 1,051 | 1,577 | 1,137 | 1,773 |
| Canacona | 568 | 969 | 556 | 937 | 720 | 1,207 | 707 | 1,185 | 728 | 1,304 | 731 | 1,305 |
| Quepem | 1,389 | 2,151 | 1,483 | 2,350 | 1,459 | 2,365 | 1,440 | 2,388 | 1,428 | 2,432 | 1,481 | 2,497 |
| Salcete | 3,828 | 7,522 | 4,287 | 8,288 | 4,857 | 9,014 | 5,031 | 9,325 | 5,144 | 9,679 | 5,328 | 10,266 |
| Mormugao | 1,051 | 1,932 | 1,309 | 2,379 | 1,404 | 2,432 | 1,425 | 2,573 | 1,477 | 2,624 | 1,835 | 3,254 |
| Daman District | 650 | 1,055 | 725 | 1,215 | 979 | 1,583 | 1,065 | 1,711 | 1,095 | 1,762 | 1,072 | 1,775 |
| Daman | 650 | 1,055 | 725 | 1,215 | 979 | 1,583 | 1,065 | 1,711 | 1,095 | 1,762 | 1,072 | 1,775 |
| Diu District | 675 | 945 | 588 | 874 | 785 | 1,202 | 1,105 | 1,535 | 931 | 1,354 | 920 | 1,337 |
| Diu | 675 | 945 | 588 | 874 | 785 | 1,202 | 1,105 | 1,535 | 931 | 1,354 | 920 | 1,337 |

Source: -- Directorate of Education, Panaji.

TABLE 2.28

Enrolment in Classes IX to XI in Goa, Daman and Diu by Talukas and Sex, 1972-73 to 1977-78

| District/Talukas | 1972-73 | | 1973-74 | | 1974-75 | | 1975-76 | | 1976-77* | | 1977-78* | |
|--------------------------|---------|--------|---------|--------|---------|--------|---------|--------|----------|--------|----------|--------|
| | Boys | Total | Boys | Total | Boys | Total | Boys | Total | Boys | Total | Boys | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Goa, Daman and Diu | 13,844 | 22,581 | 13,510 | 22,814 | 14,607 | 24,480 | 10,581 | 18,135 | 13,216 | 22,536 | 14,081 | 24,090 |
| Goa District | 13,153 | 21,644 | 12,910 | 21,917 | 14,129 | 23,242 | 9,923 | 16,932 | 12,447 | 21,470 | 13,141 | 22,800 |
| Tiswadi | 2,648 | 4,143 | 2,110 | 3,732 | 2,393 | 4,210 | 1,869 | 3,299 | 2,380 | 4,173 | 2,449 | 4,305 |
| Bardez | 2,857 | 4,695 | 2,797 | 4,691 | 2,700 | 4,636 | 2,012 | 3,182 | 2,429 | 4,302 | 2,388 | 4,325 |
| Pernem | 655 | 851 | 760 | 1,000 | 793 | 1,036 | 557 | 750 | 661 | 890 | 675 | 919 |
| Bicholim | 789 | 1,243 | 857 | 1,298 | 993 | 1,430 | 635 | 985 | 784 | 1,208 | 781 | 1,216 |
| Safari | 192 | 278 | 132 | 219 | 140 | 243 | 91 | 175 | 129 | 218 | 175 | 262 |
| Ponda | 1,347 | 1,957 | 1,454 | 2,223 | 1,560 | 2,377 | 1,065 | 1,656 | 1,319 | 2,056 | 1,523 | 2,379 |
| Sanguem | 407 | 597 | 366 | 573 | 398 | 652 | 319 | 509 | 521 | 843 | 545 | 848 |
| Canacona | 412 | 697 | 431 | 751 | 434 | 721 | 277 | 495 | 349 | 586 | 362 | 594 |
| Quepem | 935 | 1,428 | 944 | 1,482 | 955 | 1,505 | 704 | 1,091 | 727 | 1,141 | 704 | 1,135 |
| Salcete | 2,331 | 4,691 | 2,412 | 4,741 | 2,639 | 5,134 | 1,882 | 3,798 | 2,543 | 4,977 | 2,770 | 5,408 |
| Mormugao | 580 | 1,064 | 647 | 1,207 | 687 | 1,290 | 512 | 992 | 605 | 1,076 | 769 | 1,409 |
| Daman District | 442 | 614 | 477 | 642 | 538 | 725 | 543 | 757 | 427 | 623 | 523 | 748 |
| Daman | 442 | 614 | 477 | 642 | 538 | 725 | 543 | 757 | 427 | 623 | 523 | 748 |
| Diu District | 249 | 323 | 123 | 255 | 380 | 513 | 359 | 446 | 342 | 440 | 417 | 542 |
| Diu | 249 | 323 | 123 | 255 | 380 | 513 | 359 | 446 | 342 | 440 | 417 | 542 |

Source: — Directorate of Education, Panaji.

* Includes enrolment of class XII due to introduction of 10+2+3 pattern.

TABLE 2.29

Out-turn of Primary, Middle and High/Higher Secondary Examination in Goa, Daman and Diu, 1964-65 to 1977-78

| Year | Primary | Middle | Matriculation and Equivalent Examinations | Higher Secondary |
|---------------|---------|--------|---|------------------|
| 1 | 2 | 3 | 4 | 5 |
| 1964-65 | N. A. | N. A. | 969 | 21 |
| 1965-66 | N. A. | N. A. | 1,514 | 38 |
| 1966-67 | N. A. | N. A. | 1,975 | 91 |
| 1967-68 | N. A. | N. A. | 2,178 | 35 |
| 1968-69 | N. A. | N. A. | 2,489 | 29 |
| 1969-70 | N. A. | N. A. | 3,074 | 25 |
| 1970-71 | N. A. | N. A. | 3,635 | 22 |
| 1971-72 | N. A. | N. A. | 3,915 | 27 |
| 1972-73 | N. A. | N. A. | 4,336 | 16 |
| 1973-74 | N. A. | N. A. | 5,354 | 18 |
| 1974-75 | N. A. | N. A. | 6,590 | 21 |
| 1975-76 | N. A. | N. A. | 4,914 | 22 |
| 1976-77 | N. A. | N. A. | 5,027 | 1293* |
| 1977-78 | N. A. | N. A. | 5,483 | 1416 |

* First examination of Higher Secondary New pattern was held in 1976-77.

Source: — Directorate of Education, Panaji

TABLE 2.30

**Teacher-Pupil Ratios for General School Stage Education in
Goa, Daman & Diu, 1965-66 to 1977-78**

| Year | Teacher Pupil Ratios in | | |
|-----------------|-------------------------|-----------------|----------------------|
| | Primary Sections | Middle Sections | High/Higher Sections |
| 1 | 2 | 3 | 4 |
| 1965 - 66 | 1:34 | 1:26 | 1:22 |
| 1966 - 67 | 1:31 | 1:27 | 1:22 |
| 1967 - 68 | 1:29 | 1:28 | 1:25 |
| 1968 - 69 | 1:32 | 1:26 | 1:22 |
| 1969 - 70 | 1:32 | 1:26 | 1:21 |
| 1970 - 71 | 1:32 | 1:27 | 1:22 |
| 1971 - 72 | 1:37 | 1:26 | 1:20 |
| 1972 - 73 | 1:38 | 1:26 | 1:19 |
| 1973 - 74 | 1:37 | 1:25 | 1:19 |
| 1974 - 75 | 1:35 | 1:25 | 1:19 |
| 1975 - 76 | 1:31 | 1:26 | 1:16 |
| 1976 - 77 | 1:30 | 1:28 | 1:16 |
| 1977 - 78 | 1:30 | 1:30 | 1:17 |

Source: — Directorate of Education, Panaji.

TABLE 2.31

Progress in General School Education in Selected States of India, 1971-72 and 1972-73

| States/U. T.'s | No. of Institutions | | | | | | | |
|-------------------------|---|---------|--------------------------------|---------|---------------------------------|---------|---------------------|---------|
| | High/Hr. Sec. Schools (including Post-basic & Multi-Purposes) | | Middle/Senior basic schools | | Primary/Junior Basic Schools | | Pre-Primary Schools | |
| | 1971-72 | 1972-73 | 1971-72 | 1972-73 | 1971-72 | 1972-73 | 1971-72 | 1972-73 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| States: | | | | | | | | |
| Andhra Pradesh | 2,990 | 3,059 | 3,376 | 3,536 | 36,826 | 36,805 | 83 | 80 |
| Assam | 1,354 | 1,436 | 3,083 | 3,208 | 18,040 | 19,213 | 62 | 65 |
| Bihar | 2,672 | 2,750 | 8,495 | 8,899 | 47,713 | 49,291 | 12 | 7 |
| Gujarat | 2,382 | 2,473 | 10,789 | 11,091 | 10,803 | 10,740 | 925 | 936 |
| Haryana | 1,071 | 1,094 | 750 | 768 | 4,418 | 4,818 | 5 | 5 |
| Himachal Pradesh | 440 | 474 | 828 | 860 | 3,755 | 3,861 | 11 | 12 |
| Jammu and Kashmir | 577 | 643 | 1,540 | 1,649 | 5,363 | 5,405 | — | — |
| Kerala | 1,398 | 1,405 | 2,551 | 2,547 | 6,888 | 6,889 | 156 | 156 |
| Madhya Pradesh | 1,728 | 1,828 | 6,696 | 7,568 | 39,867 | 44,150 | 329 | 396 |
| Maharashtra | 5,663 | 5,872 | 16,738 | 16,664 | 29,054 | 29,740 | 757 | 869 |
| Manipur | 123 | 160 | 384 | 454 | 2,472 | 3,342 | 1 | 1 |
| Meghalaya | 112 | 119 | 266 | 299 | 2,617 | 2,683 | 73 | 86 |
| Mysore | 1,737 | 1,880 | 10,983 | 11,109 | 21,926 | 21,948 | 907 | 1,097 |
| Nagaland | 61 | 67 | 218 | 237 | 907 | 940 | — | — |
| Orissa | 1,727 | 1,769 | 4,338 | 4,457 | 29,289 | 31,375 | — | — |
| Punjab | 1,337 | 1,415 | 1,609 | 1,193 | 7,368 | 8,196 | 3 | 3 |

Progress in General School Education in Selected States of India, 1971-72 and 1972-73

(Contd.)

| States/U. T's | No. of Institutions | | | | | | | |
|------------------------------|--|---------------|--------------------------------|---------------|---------------------------------|-----------------|------------------------|--------------|
| | High/Higher Sec. Schools (including Post-basic & Multi-Purposes) | | Middle/Senior basic Schools | | Primary/Junior Basic Schools | | Pre-Primary Schools | |
| | 1971-72 | 1972-73 | 1971-72 | 1972-73 | 1971-72 | 1972-73 | 1971-72 | 1972-73 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Rajasthan | 1,240 | 1,255 | 2,246 | 3,270 | 19,507 | 19,778 | 29 | 29 |
| Tamilnadu | 2,699 | 2,767 | 5,840 | 5,817 | 26,385 | 26,625 | 46 | 53 |
| Tripura | 99 | 104 | 236 | 246 | 1,428 | 1,454 | 393 | 423 |
| Uttar Pradesh | 3,623 | 3,898 | 9,282 | 9,761 | 62,581 | 62,890 | 129 | 129 |
| W. Bengal | 4,251 | 4,347 | 2,974 | 2,998 | 36,554 | 37,796 | 183 | 183 |
| Union Territories: | | | | | | | | |
| A. and N. Island | 9 | 12 | 22 | 21 | 130 | 141 | 4 | 4 |
| Arunachal Pradesh | 18 | 18 | 45 | 45 | 503 | 503 | .. | .. |
| Chandigarh | 24 | 28 | 21 | 21 | 46 | 42 | 5 | 9 |
| Dadra and Nagar Haveli | 4 | 4 | 24 | 25 | 130 | 130 | .. | .. |
| Delhi | 514 | 537 | 402 | 401 | 1,411 | 1,462 | 38 | 38 |
| Goa, Daman and Diu | 199 | 203 | 195 | 183 | 781 | 797 | 42 | 117 |
| L. M. and A. Islands | 5 | 6 | 8 | 7 | 19 | 20 | 7 | 7 |
| Mizoram | 70 | 91 | 184 | 207 | 425 | 470 | 23 | 54 |
| Pondicherry | 47 | 50 | 82 | 82 | 267 | 287 | 49 | 47 |
| India | 38,174 | 39,764 | 93,665 | 97,623 | 4,17,473 | 4,31,791 | 4,272 | 4,806 |

Source: — Ministry of Education, & S. W. New Delhi.

TABLE 2.32

No. of Students Enrolled in Pre-Primary Stages in Selected States in India, 1970-71 and 1971-72

| States/U. T's | Pre-Primary Stage | | | | | |
|-------------------------|-------------------|--------|--------|---------|--------|--------|
| | 1970-71 | | | 1971-72 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 8,835 | 6,816 | 15,651 | 8,297 | 6,844 | 15,141 |
| Assam | 1,680 | 1,697 | 3,377 | 1,611 | 1,569 | 3,180 |
| Bihar | 1,295 | 950 | 2,245 | 1,147 | 901 | 2,048 |
| Gujarat | 28,183 | 24,536 | 52,719 | 34,193 | 30,220 | 64,413 |
| Haryana | 46 | 36 | 82 | 208 | 101 | 309 |
| Himachal Pradesh | 600 | 400 | 1,000 | 932 | 888 | 1,820 |
| Jammu and Kashmir | 200 | 600 | 800 | 2,000 | 4,429 | 6,429 |
| Kerala | 3,760 | 3,747 | 7,507 | 4,499 | 4,871 | 9,370 |
| Madhy. Pradesh | 17,569 | 14,496 | 32,065 | 19,880 | 16,545 | 36,425 |
| Maharashtra | 31,014 | 24,798 | 55,812 | 46,311 | 35,041 | 81,352 |
| Manipur | 250 | 130 | 380 | 209 | 103 | 312 |
| Meghalaya | — | — | — | 3,602 | 3,385 | 6,987 |
| Mysore | 29,306 | 24,914 | 54,220 | 34,625 | 29,252 | 63,877 |
| Nagaland | — | — | — | — | — | — |
| Orissa | — | — | — | — | — | — |
| Punjab | 341 | 204 | 545 | 803 | 464 | 1,267 |
| Rajasthan | 2,479 | 1,448 | 3,927 | 2,639 | 2,716 | 5,355 |

No. of Students Enrolled in Pre-Primary Stages in Selected States in India, 1970-71 and 1971-72 (Contd.)

| States/U. T's | Pre-Primary Stage | | | | | |
|------------------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 1970-71 | | | 1971-72 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Tamilnadu | 2,631 | 2,610 | 5,241 | 3,099 | 2,967 | 6,066 |
| Tripura | 8,100 | 7,900 | 16,000 | 9,853 | 9,771 | 19,624 |
| Uttar Pradesh | 17,000 | 12,000 | 29,000 | 29,776 | 15,615 | 45,391 |
| W. Bengal | 8,281 | 7,114 | 15,395 | 8,783 | 7,266 | 16,049 |
| Union Territories: | | | | | | |
| A. and N. Island | 125 | 116 | 241 | 164 | 132 | 296 |
| Arunachal Pradesh | 8,013 | 2,184 | 10,197 | 78 | 35 | 113 |
| Chandigarh | 907 | 662 | 1,569 | 1,107 | 823 | 1,930 |
| Dadra and Nagar Haveli | 97 | 87 | 184 | 92 | 87 | 179 |
| Delhi | 4,240 | 3,580 | 7,820 | 7,424 | 6,930 | 14,354 |
| Goa, Daman and Diu | 4,481 | 3,820 | 8,301 | 4,157 | 3,416 | 7,573 |
| L. M. and A. Islands | 282 | 249 | 531 | 287 | 251 | 538 |
| Mizoram | — | — | — | 471 | 565 | 1,036 |
| Pondicherry | 1,981 | 1,745 | 3,726 | 1,718 | 1,617 | 3,335 |
| India | 1,81,696 | 1,46,839 | 3,28,535 | 2,27,965 | 1,86,804 | 4,14,769 |

Source: — Ministry of Education, * S. W. New Delhi.

TALBE 2.33

No. of Students enrolled in Primary Stage (Classes I to V) in Selected States of India, 1971-72 and 1972-73

| States/U. T's | Primary Stages (I to V classes) | | | | | |
|-------------------------|---------------------------------|-----------|-----------|-----------|-----------|-----------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 23,51,822 | 15,49,734 | 39,01,556 | 23,90,853 | 16,00,613 | 39,91,466 |
| Assam | 9,05,968 | 5,99,235 | 15,05,203 | 9,44,215 | 6,32,982 | 15,77,197 |
| Bihar | 32,24,663 | 11,08,481 | 43,33,144 | 33,14,832 | 11,35,361 | 44,50,193 |
| Gujarat | 20,04,171 | 12,15,283 | 32,19,454 | 20,77,045 | 12,76,284 | 33,53,329 |
| Haryana | 6,52,710 | 2,70,826 | 9,23,536 | 7,00,785 | 2,99,742 | 10,00,527 |
| Himachal Pradesh | 2,36,292 | 1,47,124 | 3,83,416 | 2,46,659 | 1,58,173 | 4,04,832 |
| Jammu and Kashmir | 2,63,503 | 1,22,535 | 3,86,038 | 2,62,598 | 1,27,438 | 3,90,036 |
| Kerala | 17,92,634 | 15,89,547 | 33,82,181 | 17,81,748 | 16,24,139 | 34,05,887 |
| Madhya Pradesh | 24,41,973 | 10,03,258 | 34,45,231 | 31,13,003 | 15,64,035 | 46,77,038 |
| Maharashtra | 36,24,717 | 24,34,673 | 60,59,390 | 37,48,881 | 25,55,338 | 63,04,219 |
| Manipur | 1,16,987 | 76,244 | 1,93,231 | 1,30,729 | 89,661 | 2,20,390 |
| Meghalaya | 81,356 | 75,177 | 1,56,533 | 87,215 | 79,518 | 1,66,733 |
| Mysore | 20,44,166 | 14,72,514 | 35,16,680 | 21,07,205 | 15,35,028 | 36,42,233 |
| Nagaland | 55,313 | 39,195 | 94,508 | 54,815 | 39,633 | 94,448 |
| Orissa | 12,52,933 | 6,80,662 | 19,33,595 | 13,51,776 | 7,47,520 | 20,99,296 |
| Punjab | 8,46,915 | 5,89,430 | 14,36,345 | 9,57,196 | 6,94,671 | 16,51,867 |

No. of Students enrolled in Primary Stage (Classes I to V) in Selected States of India, 1971-72 and 1972-73 (Contd.)

| States/U. T's | Primary Stages (I to V classes) | | | | | |
|------------------------------|---------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Rajasthan | 13,30,294 | 3,79,131 | 17,09,425 | 14,65,006 | 4,26,256 | 18,91,262 |
| Tamilnadu | 29,34,784 | 22,21,210 | 51,55,994 | 29,93,204 | 22,90,808 | 52,84,012 |
| Tripura | 1,03,649 | 69,246 | 1,72,895 | 1,16,656 | 78,613 | 1,95,269 |
| Uttar Pradesh | 70,56,934 | 41,95,624 | 1,12,52,558 | 73,59,431 | 43,39,702 | 1,16,99,133 |
| W. Bengal | 30,22,215 | 18,50,254 | 48,72,469 | 31,62,861 | 19,21,024 | 50,83,885 |
| Union Territories: | | | | | | |
| A. and N. Island | 7,520 | 5,848 | 13,368 | 8,029 | 6,383 | 14,412 |
| Arunachal Pradesh | 21,657 | 4,516 | 26,173 | 21,119 | 7,022 | 28,141 |
| Chandigarh | 12,220 | 10,329 | 22,549 | 12,873 | 10,646 | 23,519 |
| Dadra and Nagar Haveli | 5,460 | 2,398 | 7,858 | 6,361 | 3,156 | 9,517 |
| Delhi | 2,54,877 | 2,10,604 | 4,65,481 | 2,64,282 | 2,18,448 | 4,82,730 |
| Goa, Daman and Diu | 70,386 | 53,602 | 1,23,988 | 71,636 | 56,434 | 1,28,070 |
| L. M. and A. Islands | 2,891 | 1,944 | 4,835 | 2,830 | 1,875 | 4,705 |
| Mizoram | 30,961 | 29,621 | 60,582 | 31,918 | 32,159 | 64,077 |
| Pondicherry | 34,857 | 25,571 | 60,428 | 35,843 | 26,363 | 62,206 |
| India | 3,67,84,828 | 2,20,33,816 | 5,88,18,644 | 3,88,21,604 | 2,35,79,025 | 6,24,00,629 |

Source: — Ministry of Education & S. W. New Delhi.

TABLE 2.34

**No. of Students Enrolled in Middle Stages (Classes VI to VIII) in
Selected States of India, 1971-72 and 1972-73**

| States/U. T's | Middle Stages (classes VI to VIII) | | | | | |
|-------------------------|------------------------------------|----------|-----------|----------|----------|-----------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 4,85,194 | 2,09,291 | 6,94,485 | 5,15,123 | 2,31,163 | 7,46,286 |
| Assam | 2,60,493 | 1,46,431 | 4,06,924 | 2,74,454 | 1,55,549 | 4,30,003 |
| Bihar | 7,55,748 | 1,49,886 | 9,05,634 | 7,97,192 | 1,74,572 | 9,71,764 |
| Gujarat | 4,93,843 | 2,52,986 | 7,46,829 | 5,11,845 | 2,65,357 | 7,77,202 |
| Haryana | 2,66,616 | 75,722 | 3,42,338 | 2,62,182 | 80,113 | 3,42,795 |
| Himachal Pradesh | 93,981 | 30,752 | 1,24,733 | 92,911 | 32,126 | 1,25,037 |
| Jammu and Kashmir | 86,434 | 33,154 | 1,19,588 | 91,893 | 33,657 | 1,25,550 |
| Kerala | 5,80,429 | 4,97,957 | 10,78,386 | 6,10,042 | 5,27,566 | 11,37,608 |
| Madhya Pradesh | 5,60,633 | 1,78,995 | 7,39,628 | 5,71,733 | 1,88,362 | 7,60,095 |
| Maharashtra | 10,13,268 | 4,69,989 | 14,83,257 | 9,99,885 | 4,87,749 | 14,87,634 |
| Manipur | 23,891 | 12,531 | 36,422 | 27,610 | 13,398 | 41,008 |
| Meghalaya | 12,717 | 9,885 | 22,602 | 13,613 | 10,129 | 23,742 |
| Mysore | 4,57,558 | 2,28,180 | 6,85,738 | 4,75,311 | 2,42,305 | 7,17,616 |
| Nagaland | 12,069 | 7,753 | 19,822 | 11,948 | 8,182 | 20,130 |
| Orissa | 2,38,070 | 78,895 | 3,16,965 | 2,46,813 | 86,276 | 3,33,089 |
| Punjab | 3,02,089 | 1,58,555 | 4,60,644 | 3,06,026 | 1,65,490 | 4,71,516 |
| Rajasthan | 3,67,691 | 72,647 | 4,40,338 | 3,84,278 | 81,322 | 4,65,600 |

**No. of Students Enrolled in Middle Stages (Classes VI to VIII) in
Selected States of India, 1971-72 and 1972-73 (Concl'd.)**

| States/U. T's | Middle Stages (classes VI to VIII) | | | | | |
|------------------------------|------------------------------------|------------------|--------------------|------------------|------------------|--------------------|
| | 1970-71 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Tamilnadu | 8,20,786 | 4,44,868 | 12,65,654 | 8,37,879 | 4,66,065 | 13,03,944 |
| Tripura | 25,121 | 16,306 | 41,427 | 26,516 | 17,208 | 43,724 |
| Uttar Pradesh | 18,57,389 | 4,37,886 | 22,95,275 | 19,27,769 | 4,86,725 | 24,14,494 |
| W. Bengal | 7,42,481 | 3,96,861 | 11,39,342 | 7,77,458 | 4,12,123 | 11,89,581 |
| Union Territories: | | | | | | |
| A. and N. Island | 2,041 | 1,307 | 3,348 | 2,293 | 1,496 | 3,789 |
| Arunachal Pradesh | 1,309 | 175 | 1,484 | 1,878 | 425 | 2,303 |
| Chandigarh | 5,818 | 4,805 | 10,623 | 6,039 | 4,836 | 10,875 |
| Dadra and Nagar Haveli | 629 | 281 | 910 | 657 | 297 | 954 |
| Delhi | 1,28,755 | 96,209 | 2,24,964 | 1,33,905 | 98,229 | 2,32,134 |
| Goa, Daman and Diu | 24,226 | 16,259 | 40,485 | 24,559 | 16,720 | 41,729 |
| L. M. and A. Islands | 712 | 292 | 1,004 | 841 | 312 | 1,153 |
| Mizoram | 10,219 | 7,405 | 17,624 | 9,983 | 7,686 | 17,669 |
| Pondicherry | 10,924 | 6,268 | 17,192 | 11,748 | 6,753 | 18,501 |
| India | 96,41,134 | 40,42,531 | 1,36,83,665 | 99,54,384 | 43,02,691 | 1,42,57,075 |

Source: — Ministry of Education & S. W. New Delhi.

TABLE 2.35

**No. of Students enrolled in High/Higher Secondary Stages (Classes IX and above)
in Selected States in India, 1971-72 and 1972-73**

| States/U. T's | High/Hr. Secondary | | | | | |
|-------------------------|--------------------|----------|----------|----------|----------|----------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 2,26,424 | 80,203 | 3,06,627 | 2,23,822 | 84,571 | 3,08,393 |
| Assam | 1,76,959 | 81,116 | 2,58,075 | 1,82,952 | 86,796 | 2,69,748 |
| Bihar | 4,92,182 | 53,502 | 5,45,684 | 4,96,994 | 62,270 | 5,59,264 |
| Gujarat | 2,96,022 | 1,46,796 | 4,42,818 | 3,10,788 | 1,55,008 | 4,65,796 |
| Haryana | 1,33,476 | 37,932 | 1,71,408 | 1,42,521 | 34,554 | 1,77,075 |
| Himachal Pradesh | 42,830 | 11,670 | 54,500 | 42,257 | 11,987 | 54,244 |
| Jammu and Kashmir | 45,338 | 13,402 | 58,740 | 46,678 | 14,160 | 60,838 |
| Kerala | 2,20,000 | 1,96,498 | 4,16,498 | 2,23,713 | 2,00,580 | 4,24,293 |
| Madhya Pradesh | 2,95,260 | 80,789 | 3,76,049 | 3,03,727 | 84,191 | 3,87,918 |
| Maharashtra | 6,24,165 | 2,40,988 | 8,65,153 | 6,60,855 | 2,58,294 | 9,19,149 |
| Manipur | 8,774 | 4,225 | 12,999 | 9,334 | 4,720 | 14,054 |
| Meghalaya | 10,030 | 6,149 | 16,179 | 10,715 | 7,107 | 17,822 |
| Mysore | 1,97,707 | 86,165 | 2,83,872 | 2,02,555 | 88,127 | 2,90,682 |
| Nagaland | 6,766 | 3,894 | 10,660 | 6,667 | 4,167 | 10,834 |
| Orissa | 1,50,230 | 31,816 | 1,82,046 | 1,53,680 | 35,146 | 1,88,826 |
| Punjab | 1,28,977 | 63,685 | 1,92,662 | 1,34,860 | 68,877 | 2,03,737 |

**No. of Students enrolled in High/Higher Secondary Stages (Classes IX and above)
in Selected States in India, 1971-72 and 1972-73 (Concl'd.)**

| States/U. T's | High/Hr. Secondary | | | | | |
|------------------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Rajasthan | 1,92,778 | 35,867 | 2,28,645 | 2,01,520 | 38,263 | 2,39,783 |
| Tamilnadu | 4,67,241 | 2,25,995 | 6,93,236 | 4,68,367 | 2,28,995 | 6,97,362 |
| Tripura | 13,643 | 8,255 | 21,898 | 13,940 | 8,830 | 22,770 |
| Uttar Pradesh | 7,63,868 | 1,49,206 | 9,13,074 | 7,70,027 | 1,37,983 | 9,08,010 |
| W. Bengal | 3,90,809 | 1,70,433 | 5,61,242 | 4,03,529 | 1,74,894 | 5,78,423 |
| Union Territories: | | | | | | |
| A. and N. Island | 1,184 | 672 | 1,856 | 1,390 | 767 | 2,157 |
| Arunachal Pradesh | 192 | 26 | 218 | 414 | 67 | 481 |
| Chandigarh | 3,342 | 2,573 | 5,915 | 3,499 | 2,751 | 6,250 |
| Dadra and Nagar Haveli | 347 | 162 | 509 | 364 | 181 | 545 |
| Delhi | 93,785 | 67,975 | 1,61,760 | 98,176 | 71,158 | 1,69,334 |
| Goa, Daman and Diu | 13,089 | 8,769 | 21,858 | 13,844 | 8,737 | 22,581 |
| L. M. and A. Islands | 260 | 92 | 352 | 372 | 132 | 504 |
| Mizoram | 4,980 | 2,842 | 7,822 | 5,636 | 3,894 | 9,530 |
| Pondicherry | 6,445 | 2,843 | 9,288 | 6,571 | 2,960 | 9,531 |
| India | 50,07,103 | 18,14,540 | 68,21,643 | 51,39,776 | 18,86,167 | 70,19,943 |

Source: — Ministry of Education & S. W. New Delhi.

SECTION - 3

Vocational and Technical School Education

Courses imparting vocational and technical education at school level are sought to be covered by this Section.

The duration of the courses varies depending upon the trade or vocation and the intensity of the instructions imparted. The duration ranges from 6 months in certain arts and crafts schools to three years in engineering schools.

Vocational and Technical Schools include Technical schools, Arts & Crafts (embroidery, needle work etc., musical schools, seminaries etc.)

The statistics presented under tables 3.1 to 3.3 are compiled from the Form A — Ministry of Education for the various types of Vocational & Technical schools covering the number of institutions, their management and enrolment. The remaining tables 3.4 to 3.6 deal with the trade-wise details of intake and out-turn in the Industrial Training Institutes.

Statistics on the Engineering Diploma Courses provided by Polytechnic are dealt in section 7, whereas the teacher's training education is covered under section 9.

TABLE 3.1

Number of Vocational and Technical Schools in Goa, Daman and Diu by type, 1967-68 to 1977-78

| Type of Institutions | 1967-68 | | | 1968-69 | | | 1969-70 | | | 1970-71 | | | 1971-72 | | | 1972-73 | | |
|---|----------|-----------|-------|----------|-----------|-------|----------|-----------|-------|----------|-----------|-------|----------|-----------|-------|----------|-----------|-------|
| | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Vocational | | | | | | | | | | | | | | | | | | |
| 1. Fine Arts (Music Schools) | 4 | — | 4 | 4 | — | 4 | 4 | — | 4 | 5 | — | 5 | 5 | — | 5 | 5 | — | 5 |
| 2. Food Craft | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Technical | | | | | | | | | | | | | | | | | | |
| 3. Jr. Technical Schools | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 |
| 4. Industrial Training Institutes | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 |
| Total | 8 | — | 8 | 8 | — | 8 | 8 | — | 8 | 9 | — | 9 | 9 | — | 9 | 9 | — | 9 |

Number of Vocational and Technical Schools in Goa, Daman and Diu by type, 1967-68 to 1977-78 (Contd.)

| Types of Institutions | 1973-74 | | | 1974-75 | | | 1975-76 | | | 1976-77 | | | 1977-78 | | |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total | For boys | For Girls | Total |
| 1 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
| Vocational | | | | | | | | | | | | | | | |
| 1. Fine Arts (Music Schools) | 5 | — | 5 | 5 | — | 5 | 5 | — | 5 | 5 | — | 5 | 5 | — | 5 |
| 2. Food Craft | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 | 1 | — | 1 |
| Technical | | | | | | | | | | | | | | | |
| 3. Jr. Technical Schools | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 | 3 | — | 3 |
| 4. Industrial Training Institutions | 1 | — | 1 | 3 | — | 3 | 5 | — | 5 | 5 | — | 5 | 5 | — | 5 |
| Total | 10 | — | 10 | 12 | — | 12 | 14 | — | 14 | 14 | — | 14 | 14 | — | 14 |

Source: — Directorate of Education, Panaji.

TABLE 3.2

**Number of Vocational and Technical institutes other than Teaching in
Goa, Daman and Diu by management, 1967-68 to 1977-78**

| Institutions managed by | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 |
|--------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| 1 | 3 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1. Govt./Govt. Sponsored | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 7 | 9 | 9 | 9 |
| 2. Local Bodies | — | — | — | — | — | — | — | — | — | — | — |
| 3. Universities/Boards | — | — | — | — | — | — | — | — | — | — | — |
| 4. Private Bodies | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| a) Aided | — | — | — | — | — | — | — | — | — | — | — |
| b) Un-aided | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 12 | 14 | 14 | 14 |

Source: — Directorate of Education, Panaji.

TABLE 3.3

Enrolment in Vocational and Technical Schools in Goa, Daman and Diu, 1967-68 to 1977-78

| Type of Institutions | 1967-68 | | | 1968-69 | | | 1969-70 | | | 1970-71 | | | 1971-72 | | | 1972-73 | | |
|---|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | Boys | girls | Total | Boys | girls | Total | Boys | girls | Total | Boys | girls | Total | Boys | girls | Total | Boys | girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Vocational | | | | | | | | | | | | | | | | | | |
| 1. Fine Arts (Music Schools) | 98 | 118 | 216 | 175 | 183 | 358 | 182 | 195 | 377 | 210 | 241 | 451 | 228 | 263 | 491 | 237 | 258 | 495 |
| 2. Food Craft Institute | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Technical | | | | | | | | | | | | | | | | | | |
| 3. Junior Technical Schools ... | 326 | 15 | 341 | 558 | 22 | 580 | 465 | 15 | 480 | 141 | 2 | 446 | 470 | 14 | 484 | 391 | 6 | 397 |
| 4. Industrial Training Institu- tes (Intake) | 28 | — | 28 | 72 | — | 72 | 88 | — | 88 | 88 | — | 88 | 88 | — | 88 | 88 | — | 88 |
| Total | 452 | 133 | 585 | 805 | 205 | 1,010 | 735 | 210 | 945 | 742 | 243 | 985 | 786 | 277 | 1,063 | 716 | 264 | 980 |

Enrolment in Vocational and Technical Schools in Goa, Daman and Diu, 1967-68 to 1977-78 (Concl'd.)

| Types of Institutions | 1973-74 | | | 1974-75 | | | 1975-76 | | | 1976-77 | | | 1977-78 | | |
|---|------------|------------|--------------|--------------|------------|--------------|--------------|------------|--------------|--------------|------------|--------------|--------------|------------|--------------|
| | Boys | girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
| Vocational | | | | | | | | | | | | | | | |
| 1. Fine Arts (Music Schools) | 217 | 285 | 502 | 210 | 296 | 506 | 215 | 293 | 508 | 340 | 321 | 661 | 311 | 269 | 580 |
| 2. Food Craft Institute | 41 | 36 | 77 | 44 | 38 | 82 | 43 | 41 | 84 | 44 | 2 | 46 | 45 | 28 | 73 |
| Technical | | | | | | | | | | | | | | | |
| 3. Junior Technical Schools ... | 557 | 19 | 576 | 917 | 24 | 941 | 511 | - | 511 | 1,175 | - | 1,175 | 1,333 | 68 | 1,401 |
| 4. Industrial Training Institu- tes (Intake) | 116 | -- | 116 | 340 | -- | 340 | 448 | -- | 448 | 464 | -- | 464 | 384 | -- | 384 |
| Total | 931 | 340 | 1,271 | 1,511 | 358 | 1,869 | 1,517 | 334 | 1,851 | 2,023 | 323 | 2,346 | 2,073 | 365 | 2,438 |

Source: — Directorate of Education, Panaji.

TABLE 3.4

**Intake in Industrial Training Institutes of Goa, Daman and Diu
from 1966-67 to 1977-78**

| Year | Intake Yearwise | | |
|---------------|-------------------|-----------------------|-------|
| | Engineering Trade | Non-Engineering Trade | Total |
| 1 | 2 | 3 | 4 |
| 1966-67 | 40 | — | 40 |
| 1967-68 | 12 | 16 | 28 |
| 1968-69 | 56 | 16 | 72 |
| 1969-70 | 56 | 32 | 88 |
| 1970-71 | 56 | 32 | 88 |
| 1971-72 | 56 | 32 | 88 |
| 1972-73 | 56 | 32 | 88 |
| 1973-74 | 84 | 32 | 116 |
| 1974-75 | 308 | 32 | 340 |
| 1975-76 | 404 | 44 | 448 |
| 1976-77 | 420 | 44 | 464 |
| 1977-78 | 340 | 44 | 384 |

Source: -- Commissioner of Labour & Employment, Panaji.

TABLE 3.5

Intake of Industrial Training Institutes of Goa, Daman and Diu by Trades, 1966-67 to 1977-78

| Trades | Intake Yearwise | | | | | | | | | | | |
|--|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A. Engineering Trade: | | | | | | | | | | | | |
| Turner | 12 | — | 12 | 12 | 12 | 12 | 12 | 12 | 36 | 36 | 36 | 36 |
| Fitter | 16 | — | 16 | 16 | 16 | 16 | 16 | 16 | 64 | 64 | 64 | 48 |
| Welder | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 36 | 36 | 36 | 36 |
| Electricians | — | — | 16 | 16 | 16 | 16 | 16 | 16 | 64 | 64 | 64 | 64 |
| Mechanic (Motor) | — | — | — | — | — | — | — | 16 | 64 | 64 | 64 | — |
| Mechanist (Composite) | — | — | — | — | — | — | — | 12 | 12 | 12 | 12 | 12 |
| Mechanic (Instrument) | — | — | — | — | — | — | — | — | — | 16 | 16 | 16 |
| Mechanic (Tractor) | — | — | — | — | — | — | — | — | — | 16 | 16 | 16 |
| Mechanic (Electronics) | — | — | — | — | — | — | — | — | 16 | 16 | 16 | 16 |
| Mechanic (Diesel) | — | — | — | — | — | — | — | — | — | 32 | 32 | 32 |
| Mechanic (Radio & T. V.) | — | — | — | — | — | — | — | — | 16 | 16 | 16 | 16 |
| Plumber | — | — | — | — | — | — | — | — | — | 16 | 32 | 32 |
| Wireless Operator | — | — | — | — | — | — | — | — | — | 16 | 16 | 16 |
| Total (Engineering Trades) ... | 40 | 12 | 56 | 56 | 56 | 56 | 56 | 84 | 308 | 404 | 420 | 340 |
| B. Non-Engineering Trades: | | | | | | | | | | | | |
| Cutting and Tailoring | — | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Stenography | — | — | — | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Hand Composing and Proof reading | — | — | — | — | — | — | — | — | — | 12 | 12 | 12 |
| Total (Non-Engineering Trades) | — | 16 | 16 | 32 | 32 | 32 | 32 | 32 | 32 | 44 | 44 | 44 |
| Grand Total (A + B) | 40 | 28 | 72 | 88 | 88 | 88 | 88 | 116 | 340 | 448 | 464 | 384 |

Source: — Commissioner of Labour & Employment, Panaji.

TABLE 3.6

Out-turn of Industrial Training Institutes of Goa, Daman and Diu by Trades, 1966-67 to 1976-77

| Trades | Outturn Yearwise | | | | | | | | | | |
|---|------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
| | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A. Engineering Trade: | | | | | | | | | | | |
| Turner | — | 9 | — | 12 | 8 | 12 | 13 | 11 | 11 | 25 | 29 |
| Fitter | — | 11 | — | 10 | 5 | 7 | 13 | 14 | 15 | 20 | 62 |
| Welder | 9 | 7 | 9 | 13 | 13 | 12 | 7 | 19 | 30 | 26 | 40 |
| Electricians | — | — | — | 9 | 10 | 15 | 15 | 15 | 18 | 38 | 43 |
| Mechanic (Motor) | — | — | — | — | — | — | — | 16 | 49 | 62 | 2 |
| Mechanist (Composite) | — | — | — | — | — | — | — | — | 14 | 9 | 11 |
| Mechanic (Instrument) | — | — | — | — | — | — | — | — | — | — | 11 |
| Mechanic (Tractor) | — | — | — | — | — | — | — | — | — | 10 | 16 |
| Mechanic (Electronics) | — | — | — | — | — | — | — | — | — | 12 | 14 |
| Mechanic (Diesel) | — | — | — | — | — | — | — | — | — | 44 | 59 |
| Mechanic (Radio & T. V.) | — | — | — | — | — | — | — | — | — | 0 | 11 |
| Plumber | — | — | — | — | — | — | — | — | — | 15 | 29 |
| Wireless Operator | — | — | — | — | — | — | — | — | — | 12 | — |
| Total (Engineering Trades) ... | 9 | 27 | 9 | 44 | 36 | 46 | 48 | 75 | 137 | 282 | 327 |
| B. Non-Engineering Trades: | | | | | | | | | | | |
| Cutting and Tailoring | — | 8 | 9 | 11 | 9 | 14 | 16 | 15 | 15 | 20 | 22 |
| Stenography | — | — | — | 5 | 12 | 13 | 11 | 10 | 10 | 9 | 12 |
| Hand Composing and Proof reading | — | — | — | — | — | — | — | — | — | — | 4 |
| Total (Non-Engineering Trades) | — | 8 | 9 | 16 | 21 | 27 | 27 | 25 | 25 | 29 | 38 |
| Grand Total (A + B) | 9 | 35 | 18 | 60 | 57 | 73 | 75 | 100 | 162 | 311 | 365 |

Source: — Commissioner of Labour & Employment, Panaji.

SECTION - 4

University Education

This section deals with Education beyond Matriculation or Higher Secondary which is imparted in Colleges affiliated to the Bombay University.

At present there is only one Post-Graduate Centre in this Territory. This Government and the Planning Commission have agreed to establish an University in recent future. The U. G. C. had also agreed that the University in Goa can be established after the post graduate centre in Goa is strengthened.

This section provides the total picture regarding the number of colleges, their enrolment by faculties, teacher-pupil ratios etc.

The table 4.1 presents the growth of colleges by type of management from 1962-63 onwards. The table 4.2 presents the distribution of affiliated colleges by size of enrolment. Table 4.3 gives the number of students in colleges, percentage rise over previous years and number of students per million of population. The table 4.4 gives the number of students by stages. The table 4.5 and 4.6 gives the number of students and corresponding percentage in colleges according to faculties. The table 4.7 presents the number of women students in the Colleges. Table 4.8 gives the teacher - pupil ratios in colleges since 1963-64.

TABLE 4.1

Number of Colleges in Goa, Daman and Diu by Type of Management, 1962-63 to 1977-78

| Year | No. of Colleges by type of management | | | | Colleges exclusively meant for women |
|-----------|---------------------------------------|---------|------------|-------|--------------------------------------|
| | University | Private | Government | Total | |
| | 1 | 2 | 3 | 4 | |
| 1962 - 63 | — | 2 | — | 2 | — |
| 1963 - 64 | — | 4 | 4 | 8 | — |
| 1964 - 65 | — | 5 | 4 | 9 | 1 |
| 1965 - 66 | 1 | 5 | 4 | 10 | 1 |
| 1966 - 67 | 1 | 7 | 5 | 13 | 1 |
| 1967 - 68 | 1 | 7 | 6 | 14 | 1 |
| 1968 - 69 | 1 | 7 | 6 | 14 | 1 |
| 1969 - 70 | 1 | 7 | 6 | 14 | 1 |
| 1970 - 71 | 1 | 7 | 6 | 14 | 1 |
| 1971 - 72 | 1 | 7 | 6 | 14 | 1 |
| 1972 - 73 | 1 | 9 | 6 | 16 | 1 |
| 1973 - 74 | 1 | 12 | 6 | 19 | 1 |
| 1974 - 75 | 1 | 13 | 6 | 20 | 1 |
| 1975 - 76 | 1 | 13 | 6 | 20 | 1 |
| 1976 - 77 | 1 | 14 | 6 | 21 | 1 |
| 1977 - 78 | 1 | 14 | 6 | 21 | 1 |

Source: — Directorate of Education, Panaji.

TABLE 4.2

Distribution of Affiliated Colleges in Goa, Daman and Diu by Size of Enrolment, 1977-78

| Enrolment range | No. of Colleges within the range | Percentage of the Total | No. of Arts, Science & Commerce Colleges in the range | Percentage | No. of Professional Colleges in the range | Percentage |
|-----------------|----------------------------------|-------------------------|---|---------------|---|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Less than 100 | 1 | 4.76 | — | — | 1 | 9.09 |
| 100 to 299 | 7 | 33.33 | — | — | 7 | 63.64 |
| 300 to 499 | 5 | 23.81 | 2 | 20.00 | 3 | 27.27 |
| 500 to 999 | 3 | 14.29 | 3 | 30.00 | — | — |
| 1000 to 1999 | 5 | 23.81 | 5 | 50.00 | — | — |
| 2000 & above | — | — | — | — | — | — |
| Total | 21 | 100.00 | 10 | 100.00 | 11 | 100.00 |

Source: — Directorate of Education, Panaji

TABLE 4.3

**Number of Students in Colleges in Goa, Daman and Diu
per Million Population, 1962-63 to 1977-78**

| Year | Total Enrolment | Percentage rise over previous year | No. of students per million population |
|-----------|-----------------|---------------------------------------|---|
| 1 | 2 | 3 | 4 |
| 1962 - 63 | 916 | -- | 1,428 |
| 1963 - 64 | 1,421 | 55.1 | 2,168 |
| 1964 - 65 | 1,656 | 16.5 | 2,466 |
| 1965 - 66 | 1,931 | 16.6 | 2,796 |
| 1966 - 67 | 2,630 | 36.2 | 3,693 |
| 1967 - 68 | 3,811 | 44.9 | 5,174 |
| 1968 - 69 | 4,549 | 19.4 | 5,953 |
| 1969 - 70 | 5,331 | 17.2 | 6,706 |
| 1970 - 71 | 5,893 | 10.5 | 7,102 |
| 1971 - 72 | 6,429 | 9.1 | 7,464 |
| 1972 - 73 | 6,837 | 6.3 | 7,771 |
| 1973 - 74 | 8,325 | 21.8 | 9,266 |
| 1974 - 75 | 8,940 | 7.3 | 9,744 |
| 1975 - 76 | 9,819 | 9.8 | 10,490 |
| 1976 - 77 | 9,411 | 4.2 | 9,872 |
| 1977 - 78 | 12,048 | 28.0 | 12,418 |

Source: Directorate of Education, Panaji.

TABLE 4.4

**Number of Students in Colleges in Goa, Daman and Diu
by Stages, 1964-65 to 1977-78**

| Year | First year/ Inter | Diploma Certificate | Graduate | Post Graduate | Research | Total |
|-----------|----------------------|------------------------|----------|------------------|----------|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1964 - 65 | 1,370 | — | 286 | — | — | 1,656 |
| 1965 - 66 | 1,484 | N. A. | 376 | 65 | 6 | 1,931 |
| 1966 - 67 | 2,157 | N. A. | 381 | 91 | 1 | 2,630 |
| 1967 - 68 | 2,179 | 79 | 1,328 | 218 | 7 | 3,811 |
| 1968 - 69 | 2,457 | 258 | 1,611 | 215 | 8 | 4,549 |
| 1969 - 70 | 2,856 | 181 | 2,088 | 203 | 3 | 5,331 |
| 1970 - 71 | 3,449 | 176 | 2,011 | 251 | 6 | 5,893 |
| 1971 - 72 | 3,646 | 225 | 2,246 | 299 | 13 | 6,429 |
| 1972 - 73 | 3,978 | 11 | 8,325 | 323 | 13 | 6,837 |
| 1973 - 74 | 4,150 | 639 | 3,176 | 3,978 | 239 | 8,325 |
| 1974 - 75 | 4,523 | 843 | 3,192 | 365 | 17 | 8,876 |
| 1975 - 76 | 4,719 | 786 | 3,808 | 462 | 22 | 9,819 |
| 1976 - 77 | 4,268* | 423 | 4,219 | 464 | 37 | 9,411 |
| 1977 - 78 | 5,166* | 1,253 | 5,128 | 443 | 58 | 12,048 |

*Includes enrolment of Hr. Sec. classes attached to colleges due to introduction of 10+2+3 pattern.

Source: — Directorate of Education, Panaji.

TABLE 4.5

**Number of Students in Colleges in Goa, Daman and Diu
by Faculties, 1967-68 to 1977-78**

| Enrolment according to Faculties | | | | | | | | | |
|----------------------------------|--------|-------|---------|----------|-----------|----------------------------|----------|-----|--------|
| Year | Total | Arts | Science | Commerce | Education | Engineering/ Technology | Medicine | Law | Others |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1967 - 68 | 3,811 | 1,613 | 1,491 | 182 | 96 | 30 | 312 | — | 57 |
| 1968 - 69 | 4,549 | 1,945 | 1,685 | 245 | 99 | 39 | 318 | — | 168 |
| 1969 - 70 | 5,331 | 2,381 | 1,883 | 309 | 121 | 125 | 328 | — | 184 |
| 1970 - 71 | 5,893 | 2,659 | 1,955 | 486 | 125 | 129 | 338 | — | 201 |
| 1971 - 72 | 6,429 | 3,058 | 1,821 | 698 | 138 | 141 | 332 | — | 241 |
| 1972 - 73 | 6,837 | 3,070 | 1,819 | 992 | 137 | 159 | 376 | — | 284 |
| 1973 - 74 | 8,325 | 3,504 | 1,676 | 1,331 | 433 | 178 | 400 | 373 | 430 |
| 1974 - 75 | 8,876 | 3,786 | 1,713 | 1,537 | 642 | 201 | 298 | 260 | 436 |
| 1975 - 76 | 9,819 | 3,493 | 1,988 | 1,984 | 681 | 515 | 311 | 416 | 431 |
| 1976 - 77 | 9,411 | 3,198 | 2,036 | 2,018 | 661 | 503 | 297 | 377 | 321 |
| 1977 - 78 | 12,048 | 3,575 | 2,371 | 3,535 | 749 | 741 | 357 | 373 | 347 |

Source: --- Directorate of Education, Panaji.

TABLE 4.6

**Percentage Distribution of Students in Colleges in Goa, Daman and
Diu by Faculties, 1967-68 to 1977-78**

| Percentage distribution of Enrolment according to Faculties | | | | | | | | | |
|---|--------|-------|---------|----------|-----------|----------------------------|----------|------|--------|
| Year | Total | Arts | Science | Commerce | Education | Engineering/ Technology | Medicine | Law | Others |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1967 - 68 | 100.00 | 42.32 | 39.12 | 4.78 | 2.52 | 1.57 | 8.19 | — | 4.50 |
| 1968 - 69 | 100.00 | 42.76 | 37.04 | 5.39 | 2.18 | 1.96 | 6.99 | — | 3.69 |
| 1969 - 70 | 100.00 | 44.66 | 35.32 | 5.80 | 2.27 | 2.35 | 6.15 | — | 3.45 |
| 1970 - 71 | 100.00 | 45.12 | 33.17 | 8.25 | 2.12 | 2.19 | 5.74 | — | 3.41 |
| 1971 - 72 | 100.00 | 47.57 | 28.32 | 10.86 | 2.15 | 2.19 | 5.16 | — | 3.75 |
| 1972 - 73 | 100.00 | 44.90 | 26.61 | 14.51 | 2.00 | 2.33 | 5.50 | — | 4.15 |
| 1973 - 74 | 100.00 | 42.09 | 20.13 | 15.99 | 5.20 | 2.14 | 4.80 | 4.48 | 5.17 |
| 1974 - 75 | 100.00 | 42.65 | 19.30 | 17.32 | 7.23 | 2.30 | 3.36 | 2.93 | 4.91 |
| 1975 - 76 | 100.00 | 35.57 | 20.25 | 20.21 | 6.94 | 5.24 | 3.17 | 4.24 | 4.39 |
| 1976 - 77 | 100.00 | 33.98 | 21.63 | 21.44 | 7.02 | 5.34 | 3.16 | 4.02 | 3.41 |
| 1977 - 78 | 100.00 | 29.67 | 19.68 | 29.31 | 6.22 | 6.15 | 2.96 | 3.10 | 2.88 |

Source: — Directorate of Education, Panaji.

TABLE 4.7

**Number of Women Students in Colleges in Goa, Daman
and Diu, 1962-63 to 1977-78**

| Year | Enrolment | | % enrolment of women students |
|-----------|-----------|-------|----------------------------------|
| | Total | Women | |
| 1 | 2 | 3 | 4 |
| 1962 - 63 | 916 | 247 | 26.97 |
| 1963 - 64 | 1,421 | 408 | 28.71 |
| 1964 - 65 | 1,656 | 482 | 29.11 |
| 1965 - 66 | 1,931 | 617 | 31.95 |
| 1966 - 67 | 2,630 | 906 | 34.45 |
| 1967 - 68 | 3,811 | 1,192 | 31.28 |
| 1968 - 69 | 4,549 | 1,425 | 31.33 |
| 1969 - 70 | 5,331 | 1,666 | 31.25 |
| 1970 - 71 | 5,893 | 1,730 | 29.36 |
| 1971 - 72 | 6,429 | 1,951 | 30.35 |
| 1972 - 73 | 6,837 | 1,993 | 29.15 |
| 1973 - 74 | 8,325 | 2,542 | 30.53 |
| 1974 - 75 | 8,876 | 3,032 | 34.16 |
| 1975 - 76 | 9,819 | 3,357 | 34.19 |
| 1976 - 77 | 9,411 | 3,292 | 34.98 |
| 1977 - 78 | 12,048 | 4,742 | 39.36 |

Source: — Directorate of Education, Panaji.

TABLE 4.8

**Teacher - Pupil Ratio in Colleges of Goa, Daman and
Diu, 1963-64 to 1977-78**

| Year | Ratio |
|-----------|-------|
| 1 | 2 |
| 1963 - 64 | 1:12 |
| 1964 - 65 | 1:10 |
| 1965 - 66 | 1:10 |
| 1966 - 67 | 1:12 |
| 1967 - 68 | 1:13 |
| 1968 - 69 | 1:13 |
| 1969 - 70 | 1:15 |
| 1970 - 71 | 1:15 |
| 1971 - 72 | 1:16 |
| 1972 - 73 | 1:15 |
| 1973 - 74 | 1:15 |
| 1974 - 75 | 1:14 |
| 1975 - 76 | 1:16 |
| 1976 - 77 | 1:15 |
| 1977 - 78 | 1:18 |

Source: — Directorate of Education, Panaji.

SECTION - 5

Arts and Science Education

This section presents the statistics on number of institutions, enrolment and out-turn for Arts & Science Education at the college level. The first three tables of the section provide common set of data for Arts and Science Education institutions. The Arts and Science Colleges have been classified by type of management, sex and location. Tables 5.4 and 5.5 present out-turn of Arts and Science Education by stages. Tables 5.6 to 5.9 present the data on students and their percentage distribution in Arts and Science Colleges by stages/Talukawise. Table 5.10 present the enrolment in Arts and Science Colleges in selected states of India for 1971-72 and 1972-73

TABLE 5.1

Number of Arts and Science Colleges in Goa, Daman and Diu by Type of Management, 1962-63 to 1977-78

| Year | Management | | | | | Total |
|---------|------------|---------------|---------|---------|---|-------|
| | Govt. | Social boards | Private | | | |
| | | | Aided | Unaided | | |
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 1962-63 | — | — | 2 | — | 2 | |
| 1963-64 | — | — | 3 | — | 3 | |
| 1964-65 | — | — | 4 | — | 4 | |
| 1965-66 | — | — | 5 | — | 5 | |
| 1966-67 | 1 | — | 5 | — | 6 | |
| 1967-68 | 1 | — | 5 | — | 6 | |
| 1968-69 | 1 | — | 5 | — | 6 | |
| 1969-70 | 1 | — | 5 | — | 6 | |
| 1970-71 | 1 | — | 5 | — | 6 | |
| 1971-72 | 1 | — | 5 | — | 6 | |
| 1972-73 | 1 | — | 5 | — | 6 | |
| 1973-74 | 1 | — | 5 | — | 6 | |
| 1974-75 | 1 | — | 5 | — | 6 | |
| 1975-76 | 1 | — | 5 | — | 6 | |
| 1976-77 | 1 | — | 5 | — | 6 | |
| 1977-78 | 1 | — | 5 | — | 6 | |

Source: — Directorate of Education, Panaji.

TABLE 5.2

Number of Arts and Science Colleges in Goa, Daman and Diu and Enrolment therein by Sex, 1962-63 to 1977-78

| Year | Colleges | | | Enrolment | | |
|---------|----------|-------|-------|-----------|-------|-------|
| | Boys | Girls | Total | Boys | Girls | Total |
| | 2 | 3 | 4 | 5 | 6 | 7 |
| 1962-63 | 2 | — | 2 | 669 | 247 | 916 |
| 1963-64 | 3 | — | 3 | 945 | 390 | 1,335 |
| 1964-65 | 3 | 1 | 4 | 1,104 | 476 | 1,580 |
| 1965-66 | 4 | 1 | 5 | 1,350 | 610 | 1,960 |
| 1966-67 | 5 | 1 | 6 | 1,765 | 800 | 2,565 |
| 1967-68 | 5 | 1 | 6 | 2,038 | 1,052 | 3,090 |
| 1968-69 | 5 | 1 | 6 | 2,483 | 1,281 | 3,764 |
| 1969-70 | 5 | 1 | 6 | 2,806 | 1,377 | 4,183 |
| 1970-71 | 5 | 1 | 6 | 3,063 | 1,551 | 4,614 |
| 1971-72 | 5 | 1 | 6 | 3,112 | 1,767 | 4,879 |
| 1972-73 | 5 | 1 | 6 | 3,110 | 1,781 | 4,891 |
| 1973-74 | 5 | 1 | 6 | 3,117 | 2,077 | 5,194 |
| 1974-75 | 5 | 1 | 6 | 3,222 | 2,277 | 5,499 |
| 1975-76 | 5 | 1 | 6 | 3,213 | 2,427 | 5,640 |
| 1976-77 | 5 | 1 | 6 | 3,534 | 2,848 | 6,382 |
| 1977-78 | 5 | 1 | 6 | 3,107 | 2,807 | 5,914 |

Note: — Enrolment in Hr. Sec. classes attached to the Arts & Science colleges, is also included here.

Source: — Directorate of Education, Panaji.

TABLE 5.3

**Number of Arts and Science Colleges in Goa, Daman and Diu and
Enrolment therein by Rural and Urban, 1962-63 to 1977-78**

| Year | Rural | | | | | | Urban | | | | | |
|---------|----------|-------|-------|-----------|-------|-------|----------|-------|-------|-----------|-------|-------|
| | Colleges | | | Enrolment | | | Colleges | | | Enrolment | | |
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1962-63 | — | — | — | — | — | — | 2 | — | 2 | 669 | 247 | 916 |
| 1963-64 | — | — | — | — | — | — | 3 | — | 3 | 945 | 390 | 1,335 |
| 1964-65 | — | 1 | 1 | — | 42 | 42 | 3 | — | 3 | 1,104 | 434 | 1,538 |
| 1965-66 | — | 1 | 1 | — | 54 | 54 | 4 | — | 4 | 1,350 | 556 | 1,906 |
| 1966-67 | — | 1 | 1 | — | 85 | 85 | 5 | — | 5 | 1,765 | 715 | 2,480 |
| 1967-68 | — | 1 | 1 | — | 123 | 123 | 5 | — | 5 | 2,038 | 929 | 2,967 |
| 1968-69 | — | 1 | 1 | — | 115 | 118 | 5 | — | 5 | 2,483 | 1,163 | 3,646 |
| 1969-70 | — | 1 | 1 | — | 126 | 126 | 5 | — | 5 | 2,806 | 1,251 | 4,057 |
| 1970-71 | — | 1 | 1 | — | 141 | 141 | 5 | — | 5 | 3,063 | 1,110 | 4,473 |
| 1971-72 | — | 1 | 1 | — | 217 | 217 | 5 | — | 5 | 3,112 | 1,550 | 4,662 |
| 1972-73 | — | 1 | 1 | — | 242 | 242 | 6 | — | 6 | 3,110 | 1,539 | 4,649 |
| 1973-74 | — | 1 | 1 | — | 279 | 279 | 6 | — | 6 | 3,117 | 1,798 | 4,915 |
| 1974-75 | — | 1 | 1 | — | 281 | 284 | 6 | — | 6 | 3,222 | 1,993 | 5,215 |
| 1975-76 | — | 1 | 1 | — | 289 | 289 | 5 | — | 5 | 3,213 | 2,138 | 5,351 |
| 1976-77 | — | 1 | 1 | — | 241 | 241 | 5 | — | 5 | 3,534 | 2,607 | 6,141 |
| 1977-78 | — | 1 | 1 | — | 410 | 410 | 5 | — | 5 | 3,107 | 2,397 | 5,504 |

Source: — Directorate of Education, Panaji.

TABLE 5.4

**Out-turn of Arts Education in Goa, Daman and Diu
by Stages, 1962-63 to 1977-78**

| Year | 1st year | Intermediate | B. A. | M. A. |
|---------|----------|--------------|-------|-------|
| 1 | 2 | 3 | 4 | 5 |
| 1962-63 | 137 | 31 | Nil | Nil |
| 1963-64 | 198 | 102 | Nil | Nil |
| 1964-65 | 232 | 134 | 26 | Nil |
| 1965-66 | 353 | 139 | 86 | Nil |
| 1966-67 | 397 | 256 | 69 | 3 |
| 1967-68 | N. A. | 309 | 124 | 38 |
| 1968-69 | N. A. | 369 | 191 | 13 |
| 1969-70 | N. A. | 371 | 228 | 14 |
| 1970-71 | 922 | 546 | 270 | 24 |
| 1971-72 | 906 | 435 | 406 | 37 |
| 1972-73 | 880 | 978 | 479 | 19 |
| 1973-74 | 979 | 812 | 317 | 41 |
| 1974-75 | 1,018 | 877 | 652 | 71 |
| 1975-76 | 995 | 911 | 556 | 64 |
| 1976-77 | 531 | 910 | 784 | 56 |
| 1977-78 | N. A. | 227 | 710 | 80 |

Source: — Directorate of Education, Panaji.

TABLE 5.5

**Out-turn of Science Education in Goa, Daman and Diu
by Stages, 1962-63 to 1977-78**

| Year | 1st year | Intermediate | B. Sc. | M. Sc. |
|---------|----------|--------------|--------|--------|
| 1 | 2 | 3 | 4 | 5 |
| 1962-63 | 292 | 59 | Nil | Nil |
| 1963-64 | 333 | 220 | Nil | Nil |
| 1964-65 | 365 | 265 | 105 | Nil |
| 1965-66 | 419 | 230 | 88 | Nil |
| 1966-67 | 547 | 321 | 96 | 4 |
| 1967-68 | N. A. | 306 | 142 | 7 |
| 1968-69 | N. A. | 394 | 140 | 12 |
| 1969-70 | N. A. | 259 | 161 | 21 |
| 1970-71 | 453 | 434 | 196 | 18 |
| 1971-72 | 516 | 346 | 264 | 28 |
| 1972-73 | 383 | 476 | 193 | 17 |
| 1973-74 | 413 | 532 | 187 | 23 |
| 1974-75 | 421 | 531 | 243 | 29 |
| 1975-76 | 396 | 498 | 262 | 32 |
| 1976-77 | 168 | 575 | 209 | 25 |
| 1977-78 | N. A. | 58 | 204 | 24 |

Source: — Directorate of Education, Panaji.

TABLE 5.6

**Number of Students in Arts Education in Goa, Daman and Diu
by Stages and Talukas, 1976-77 and 1977-78**

| Talukas | Stages | | | | | | | | | |
|--------------|------------------|------------|---------------|-------------|------------|------------|-----------|-----------|-------------|-------------|
| | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 |
| | First year/Inter | Graduate | Post-Graduate | Research | Total | 10 | 11 | 10 | 11 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Tiswadi | 677 | 335 | 720 | 738 | 234 | 260 | 26 | 33 | 1657 | 1366 |
| Bardez | 252 | 72 | 390 | 414 | 9 | 3 | — | — | 651 | 489 |
| Salcete | 485 | 141 | 613 | 723 | 16 | 8 | — | — | 1114 | 875 |
| Marmagoa | 72 | — | 72 | 96 | — | — | — | — | 144 | 96 |
| Daman | 180 | 51 | 99 | 173 | — | — | — | — | 279 | 224 |
| Total | 1666 | 602 | 1894 | 2144 | 259 | 271 | 26 | 33 | 3845 | 3050 |

Note: — The enrolment of Arts Section in Arts & Commerce college Vasco, is included here

Source: — Directorate of Education, Panaji.

TABLE 5.7

**Percentage Distribution of Number of Students in Arts Education in
Goa, Daman and Diu by Stages and Talukas, 1976-77 and 1977-78**

| Talukas | Stages | | | | | | | | | |
|-----------------|------------------|---------|----------|---------|---------------|---------|----------|---------|---------|---------|
| | First year/Inter | | Graduate | | Post-Graduate | | Research | | Total | |
| | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Tiswadi | 40.84 | 55.65 | 38.01 | 34.42 | 90.35 | 95.91 | 100.00 | 100.00 | 43.09 | 44.79 |
| Bardez | 15.13 | 11.95 | 20.59 | 19.31 | 3.47 | 1.11 | -- | -- | 16.93 | 16.03 |
| Salcete | 29.11 | 23.92 | 32.37 | 33.72 | 6.18 | 2.95 | -- | -- | 28.97 | 28.69 |
| Marmagaoa | 4.32 | -- | 3.80 | 4.48 | -- | -- | -- | -- | 3.75 | 1.48 |
| Daman | 10.80 | 8.47 | 5.23 | 8.07 | -- | -- | -- | -- | 7.26 | 7.34 |
| Total | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Source: - Directorate of Education, Panaji.

TABLE 5.8

**Number of Students in Science Education in Goa, Daman and Diu
by Stages and Talukas, 1976-77 and 1977-78**

| Talukas | Stages | | | | | | | | | |
|---------------|------------------|---------|----------|---------|---------------|---------|----------|---------|---------|---------|
| | First year/Inter | | Graduate | | Post-Graduate | | Research | | Total | |
| | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Tiswadi | 282 | 90 | 169 | 321 | 52 | 43 | 16 | 20 | 519 | 479 |
| Bardez | 91 | -- | 61 | 152 | 3 | 3 | -- | -- | 155 | 155 |
| Salcete | 292 | -- | 219 | 379 | 6 | 11 | 6 | 4 | 523 | 394 |
| Daman | 59 | 12 | 12 | 73 | -- | -- | 2 | 1 | 103 | 86 |
| Total | 754 | 102 | 461 | 925 | 61 | 62 | 24 | 25 | 1300 | 1114 |

Source: - Directorate of Education, Panaji.

TABLE 5.9

**Percentage Distribution of Number of Students in Science Education in
Goa, Daman and Diu by Stages and Talukas, 1976-77 and 1977-78**

| Taluks | Stages | | | | | | | | | |
|---------------|------------------|---------|----------|---------|---------------|---------|----------|---------|---------|---------|
| | First year/Inter | | Graduate | | Post-Graduate | | Research | | Total | |
| | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 | 1976-77 | 1977-78 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Tiswadi | 37.40 | 58.24 | 36.66 | 34.70 | 85.24 | 77.42 | 66.67 | 80.00 | 39.92 | 43.00 |
| Bardez | 12.07 | -- | 13.23 | 16.43 | 4.92 | 4.84 | -- | -- | 11.92 | 13.91 |
| Salcete | 38.73 | -- | 47.51 | 40.98 | 9.84 | 17.74 | 25.00 | 16.00 | 40.23 | 35.37 |
| Daman | 11.80 | 11.76 | 2.60 | 7.89 | -- | -- | 8.33 | 4.00 | 7.93 | 7.72 |
| Total | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Source: - Directorate of Education, Panaji.

TABLE 5.10

Students enrolment in Arts and Science Colleges in Selected States of India, 1971-72 and 1972-73

| States/U. T's | Enrolment in Arts Colleges | | | | | |
|------------------------------|----------------------------|-----------------|------------------|------------------|-----------------|------------------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 79,614 | 18,776 | 98,390 | 87,996 | 23,029 | 1,11,025 |
| Assam | 32,064 | 12,471 | 44,535 | 37,510 | 15,240 | 52,750 |
| Bihar | 1,06,899 | 15,455 | 1,22,354 | 1,07,165 | 19,168 | 1,26,333 |
| Gujarat | 28,698 | 27,871 | 56,569 | 32,126 | 30,449 | 62,575 |
| Haryana | 39,356 | 11,862 | 51,414 | 43,931 | 12,921 | 56,852 |
| Himachal Pradesh | 8,185 | 2,197 | 10,382 | 8,472 | 2,303 | 10,775 |
| Jammu and Kashmir | 7,621 | 5,345 | 12,966 | 7,301 | 6,208 | 13,509 |
| Kerala | 36,503 | 32,480 | 68,983 | 35,544 | 33,106 | 68,650 |
| Madhya Pradesh | 40,469 | 16,186 | 56,655 | 42,272 | 18,034 | 60,306 |
| Maharashtra | 93,919 | 53,223 | 1,47,142 | 1,16,454 | 60,948 | 1,77,402 |
| Manipur | 5,361 | 2,052 | 7,413 | 7,394 | 3,153 | 10,547 |
| Meghalaya | 3,341 | 2,253 | 5,599 | 3,450 | 2,694 | 6,144 |
| Mysore | 63,367 | 23,021 | 86,388 | 76,810 | 27,581 | 1,04,391 |
| Nagaland | 899 | 227 | 1,126 | 1,097 | 287 | 1,384 |
| Orissa | 27,655 | 4,736 | 32,391 | 28,965 | 5,469 | 34,434 |
| Punjab | 58,599 | 29,507 | 88,106 | 59,809 | 30,391 | 90,201 |
| Rajasthan | 22,964 | 8,985 | 31,949 | 27,113 | 9,861 | 36,978 |
| Tamilnadu | 88,326 | 34,219 | 1,22,545 | 99,444 | 37,361 | 1,36,809 |
| Tripura | 3,291 | 1,834 | 5,125 | 2,898 | 2,017 | 4,915 |
| Uttar Pradesh | 3,62,610 | 99,267 | 4,61,877 | 3,27,465 | 86,341 | 4,13,807 |
| West Bengal | 90,003 | 67,750 | 1,57,753 | 93,110 | 72,297 | 1,65,407 |
| Union Territories: | | | | | | |
| A. and N. Islands | 45 | 44 | 89 | 54 | 40 | 100 |
| Arunachal Pradesh | 114 | 14 | 128 | 142 | 14 | 157 |
| Chandigarh | 6,997 | 3,818 | 10,815 | 7,041 | 4,111 | 11,155 |
| Dadra and Nagar Haveli | ... | ... | ... | ... | ... | ... |
| Delhi | 24,847 | 27,606 | 52,453 | 23,375 | 31,461 | 54,844 |
| Goa, Daman and Diu | 1,644 | 1,318 | 2,962 | 1,781 | 1,431 | 3,216 |
| L. M. and A. Islands | ... | ... | ... | 19 | ... | 23 |
| Mizoram | 701 | 173 | 874 | 883 | 351 | 1,235 |
| Pondicherry | 1,012 | 277 | 1,289 | 790 | 344 | 1,136 |
| India | 12,35,104 | 5,02,972 | 17,38,076 | 12,80,411 | 5,36,641 | 18,17,060 |

Source: — Ministry of Education & S. W. New Delhi

TABLE 5.10 (Contd.)

Students enrolment in Arts and Science Colleges in Selected States of India, 1971-72 and 1972-73

| States/UT's | Enrolment in Science Colleges | | | | | |
|------------------------------|-------------------------------|----------|----------|----------|----------|-----------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 68,150 | 17,099 | 85,249 | 65,624 | 20,059 | 85,683 |
| Assam | 11,988 | 1,427 | 13,415 | 12,873 | 1,804 | 14,677 |
| Bihar | 95,976 | 4,217 | 1,00,193 | 1,01,621 | 5,394 | 1,07,015 |
| Gujarat | 24,699 | 5,858 | 30,357 | 23,730 | 5,292 | 29,022 |
| Haryana | 9,971 | 1,325 | 11,296 | 8,429 | 1,358 | 9,787 |
| Himachal Pradesh | 2,393 | 374 | 2,767 | 2,446 | 104 | 2,850 |
| Jammu and Kashmir | 8,876 | 1,267 | 10,143 | 8,390 | 1,379 | 9,769 |
| Kerala | 51,284 | 33,564 | 84,848 | 49,491 | 33,507 | 82,998 |
| Madhya Pradesh | 31,618 | 6,970 | 38,588 | 33,687 | 8,353 | 42,040 |
| Maharashtra | 59,049 | 13,917 | 72,966 | 61,718 | 14,525 | 76,243 |
| Manipur | 1,596 | 365 | 1,961 | 2,064 | 557 | 2,621 |
| Meghalaya | 1,137 | 309 | 1,446 | 1,512 | 484 | 1,996 |
| Mysore | 53,958 | 13,349 | 67,307 | 51,386 | 14,260 | 65,646 |
| Nagaland | 170 | 14 | 184 | 214 | 17 | 231 |
| Orissa | 13,608 | 1,955 | 15,563 | 14,698 | 2,154 | 16,852 |
| Punjab | 13,992 | 2,654 | 16,646 | 12,984 | 2,552 | 15,536 |
| Rajasthan | 19,377 | 2,951 | 22,328 | 19,747 | 3,154 | 22,901 |
| Tamilnadu | 36,081 | 12,390 | 48,471 | 36,794 | 13,989 | 50,783 |
| Tripura | 820 | 71 | 891 | 810 | 74 | 884 |
| Uttar Pradesh | 1,65,907 | 28,916 | 1,94,823 | 2,33,768 | 42,828 | 2,76,596 |
| West Bengal | 73,426 | 14,223 | 87,649 | 78,857 | 14,754 | 93,611 |
| Union Territories: | | | | | | |
| A. and N. Islands | 20 | — | 36 | 22 | 17 | 39 |
| Arunachal Pradesh | ... | ... | ... | ... | ... | ... |
| Chandigarh | 3,780 | 991 | 4,771 | 3,672 | 1,059 | 4,731 |
| Dadra and Nagar Haveli | ... | ... | ... | ... | ... | ... |
| Delhi | 7,266 | 2,550 | 9,816 | 7,012 | 2,836 | 9,848 |
| Goa, Daman and Diu | 1,442 | 421 | 1,863 | 1,430 | 389 | 1,819 |
| L. M. and A. Islands | ... | ... | ... | 27 | 4 | 31 |
| Mizoram | ... | ... | ... | — | — | — |
| Pondicherry | 1,136 | 450 | 1,586 | 1,219 | 543 | 1,762 |
| India | 7,57,720 | 1,67,443 | 9,25,163 | 8,34,225 | 1,91,716 | 10,25,971 |

Source: — Ministry of Education & S. W. New Delhi.

SECTION - 6

Commerce Education

This section presents education statistics for commerce available at the college level. The Statistics pertains to items like number of institutions, enrolment and out-turn.

Commerce education began in Goa, Daman and Diu during 1966-67. Table 6.1 presents, the number of Commerce colleges and enrolment by stages. Table 6.2 gives the number of colleges and their enrolment and out-turn by sex. Table 6.3 gives the out-turn of Commerce education by stages. Table 6.4 gives the pass percentages in different examinations of Commerce education. Table No. 6.5 and 6.6 present the progress in Commerce College education and enrolment in selected States of India.

TABLE 6.1

**Number of Commerce Colleges in Goa, Daman and Diu and
Enrolment therein by stages, 1966-67 to 1977-78**

| Year | Number of Colleges | Enrolment | | | | Total |
|---------|-----------------------|-------------------------|----------|------------------|----------|-------|
| | | First Year/ Inter | Graduate | Post graduate | Research | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1966-67 | 1 | 100 | — | — | — | 100 |
| 1967-68 | 1 | 182 | — | — | — | 182 |
| 1968-69 | 1 | 210 | 35 | — | — | 245 |
| 1969-70 | 1 | 256 | 53 | — | — | 309 |
| 1970-71 | 1 | 385 | 101 | — | — | 486 |
| 1971-72 | 1 | 521 | 139 | — | — | 660 |
| 1972-73 | 2 | 835 | 157 | — | — | 992 |
| 1973-74 | 3 | 1,018 | 283 | 30 | — | 1,331 |
| 1974-75 | 4 | 1,110 | 380 | 47 | — | 1,537 |
| 1975-76 | 4 | 1,305 | 494 | 46 | — | 1,845 |
| 1976-77 | 4 | 796 | 903 | 61 | — | 1,760 |
| 1977-78 | 4 | 227 | 1,613 | 58 | — | 1,898 |

Source: -- Directorate of Education, Panaji.

TABLE 6.2

**Number of Commerce Colleges in Goa, Daman and Diu and
their enrolment and out-turn by sex, 1970-71 to 1977-78**

| Year | Number of Colleges | Enrolment | | | Out-turn | | |
|---------|-----------------------|-----------|-------|-------|----------|-------|-------|
| | | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1970-71 | 1 | 456 | 30 | 486 | 18 | 2 | 20 |
| 1971-72 | 1 | 617 | 43 | 660 | 62 | 8 | 70 |
| 1972-73 | 2 | 988 | 54 | 992 | 49 | 3 | 52 |
| 1973-74 | 3 | 1,209 | 122 | 1,331 | 62 | 5 | 67 |
| 1974-75 | 4 | 1,299 | 238 | 1,537 | 89 | 6 | 95 |
| 1975-76 | 4 | 1,513 | 332 | 1,845 | 142 | 16 | 158 |
| 1976-77 | 4 | 1,431 | 329 | 1,760 | 164 | 37 | 201 |
| 1977-78 | 4 | 1,454 | 444 | 1,898 | 242 | 70 | 312 |

Source: -- Directorate of Education, Panaji

TABLE 6.3

**Out-turn of Commerce Education in Goa, Daman and Diu
by Stages, 1970-71 to 1977-78**

| Year | First year | Inter | Graduate | Post-graduate |
|---------------|------------|-------|----------|---------------|
| 1 | 2 | 3 | 4 | 5 |
| 1970-71 | 190 | 70 | 20 | — |
| 1971-72 | 320 | 93 | 70 | — |
| 1972-73 | 345 | 185 | 52 | — |
| 1973-74 | 353 | 169 | 67 | — |
| 1974-75 | 374 | 156 | 95 | 4 |
| 1975-76 | 377 | 159 | 158 | 5 |
| 1976-77 | 357 | 155 | 201 | 9 |
| 1977-78 | N. A. | 36 | 312 | — |

Source: — Directorate of Education, Panaji.

TABLE 6.4

**Percentage of Passing in different Examinations of Commerce
Education in Goa, Daman and Diu, 1970-71 to 1977-78**

| Year | Pass Percentage | |
|---------------|----------------------|----------|
| | First year/ Inter | Graduate |
| 1 | 2 | 3 |
| 1970-71 | 53.94 | 33.33 |
| 1971-72 | 60.91 | 72.92 |
| 1972-73 | 46.86 | 67.53 |
| 1973-74 | 37.26 | 61.47 |
| 1974-75 | 35.10 | 59.65 |
| 1975-76 | 36.26 | 60.16 |
| 1976-77 | 37.53 | 69.79 |
| 1977-78 | N. A. | 59.66 |

Source: — Directorate of Education, Panaji.

TABLE 6.5

**Progress in Commerce Colleges Education in Selected States of India
1971-72 and 1972-73**

| States/U. T's | Number of Institutions | |
|------------------------------|---|------------|
| | Degree/Post-Graduate/ Under Graduate | |
| | 1971-72 | 1972-73 |
| 1 | 2 | 3 |
| States: | | |
| Andhra Pradesh | 2 | 3 |
| Assam | 4 | 4 |
| Bihar | 2 | 2 |
| Gujarat | 36 | 36 |
| Haryana | — | — |
| Himachal Pradesh | — | — |
| Jammu and Kashmir | 1 | 1 |
| Kerala | — | — |
| Madhya Pradesh | 7 | 7 |
| Maharashtra | 57 | 62 |
| Manipur | — | — |
| Meghalaya | 1 | 1 |
| Mysore | 19 | 21 |
| Nagaland | — | — |
| Orissa | 1 | 1 |
| Punjab | 1 | 1 |
| Rajasthan | 4 | 5 |
| Tamilnadu | 1 | 1 |
| Tripura | — | — |
| Uttar Pradesh | 1 | 2 |
| West Bengal | 122 | 123 |
| Union Territories: | | |
| A. and N. Islands | — | — |
| Arunachal Pradesh | — | — |
| Chandigarh | — | — |
| Dadra and Nagar Haveli | — | — |
| Delhi | 3 | 3 |
| Goa, Daman and Diu | 1 | 2 |
| L. M. and A. Islands | — | — |
| Mizoram | — | — |
| Pondicherry | — | — |
| India | 263 | 275 |

Source: — Ministry of Education & S. W. New Delhi.

TABLE 6.6
Students enrolment in Commerce Colleges in Selected States
of India, 1971-72 and 1972-73

| States/U. T's | Enrolment in commerce colleges | | | | | |
|------------------------------|--------------------------------|---------------|-----------------|-----------------|---------------|-----------------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 1,499 | 15 | 1,514 | 1,582 | 15 | 1,597 |
| Assam | 2,875 | 11 | 2,886 | 3,191 | 10 | 3,201 |
| Bihar | 7,080 | — | 7,080 | 8,677 | .. | 8,677 |
| Gujarat | 29,832 | 3,217 | 33,049 | 33,463 | 4,251 | 37,714 |
| Haryana | — | — | — | .. | .. | .. |
| Himachal Pradesh | .. | .. | .. | .. | .. | .. |
| Jammu and Kashmir | 270 | .. | 270 | 319 | .. | 319 |
| Kerala | .. | .. | .. | .. | .. | .. |
| Madhya Pradesh | 4,333 | 180 | 4,513 | 4,137 | 146 | 4,283 |
| Maharashtra | 36,910 | 5,737 | 42,647 | 42,467 | 6,066 | 48,533 |
| Manipur | .. | .. | .. | .. | .. | .. |
| Meghalaya | 248 | 23 | 271 | 260 | 25 | 285 |
| Mysore | 12,401 | 910 | 13,311 | 13,591 | 837 | 14,428 |
| Nagaland | .. | .. | .. | .. | .. | .. |
| Orissa | 31 | 1 | 32 | 132 | .. | 132 |
| Punjab | 420 | 3 | 423 | 438 | 5 | 443 |
| Rajasthan | 1,998 | 9 | 2,007 | 2,299 | 39 | 2,338 |
| Tamilnadu | 102 | .. | 102 | 116 | .. | 116 |
| Tripura | .. | .. | .. | .. | .. | .. |
| Uttar Pradesh | 12 | .. | 12 | 81 | .. | 81 |
| West Bengal | 61,490 | 7,947 | 69,437 | 65,244 | 8,025 | 73,269 |
| Union Territories: | | | | | | |
| A. and N. Islands | .. | .. | .. | .. | .. | .. |
| Arunachal Pradesh | .. | .. | .. | .. | .. | .. |
| Chandigarh | .. | .. | .. | .. | .. | .. |
| Dadra and Nagar Haveli | .. | .. | .. | .. | .. | .. |
| Delhi | 1,458 | 135 | 1,593 | 1,876 | 109 | 1,985 |
| Goa, Daman and Diu | 617 | 43 | 660 | 959 | 72 | 1,031 |
| L. M. and A. Islands | .. | .. | .. | .. | .. | .. |
| Mizoram | .. | .. | .. | .. | .. | .. |
| Pondicherry | .. | .. | .. | .. | .. | .. |
| India | 1,61,576 | 18,231 | 1,79,807 | 1,78,832 | 19,600 | 1,98,432 |

Source: — Ministry of Education & S. W., New Delhi.

SECTION - 7

Engineering and Technological Education

The present section gives detailed Statistics for the Degree and Diploma Courses in technical education in Goa, Daman and Diu. The degree course is conducted at the only Engineering College in this Territory. The duration for the first degree Course is of 4 years after the Intermediate in Science. Similarly, the Diploma Course is conducted at the only one Polytechnic in this Territory. The duration of the course is of 3 years after High School Examination. The course is offered largely in the fields of Civil, Mechanical and Electrical Engineering.

Table 7.1 presents the intake and out turn of the Engineering College. Table 7.2 shows the figures of intake and outturn of the Engineering Diploma institution. Table 7.3 presents the data of outturn of Engineering graduates by specialities.

Table 7.4 gives the outturn of Engineering Diploma Holders by specialities. Tables 7.5 and 7.6 present the number and enrolment therein of Engineering Technology and Architecture Colleges in selected States of India.

TABLE 7.1

**Number of Engineering Colleges (Degree Courses) in Goa, Daman and
Diu, with figures of intake and out-turn, 1967-68 to 1977-78**

| Year | Number of Colleges | Sanctioned Intake | Actual Intake | Out-turn |
|---------------|-----------------------|----------------------|------------------|----------|
| 1 | 2 | 3 | 4 | 5 |
| 1967-68 | 1 | 60 | 60 | -- |
| 1968-69 | 1 | 60 | 59 | — |
| 1969-70 | 1 | 60 | 58 | -- |
| 1970-71 | 1 | 60 | 40 | 27 |
| 1971-72 | 1 | 60 | 47 | 27 |
| 1972-73 | 1 | 60 | 35 | 30 |
| 1973-74 | 1 | 60 | 52 | 53 |
| 1974-75 | 1 | 60 | 63 | 27 |
| 1975-76 | 1 | 60 | 60 | 29 |
| 1976-77 | 1 | 60 | 60 | 38 |
| 1977-78 | 1 | 60 | 95 | 54 |

Source: — Directorate of Education, Panaji.

TABLE 7.2

**Number of Engineering Diploma Institutions in Goa, Daman and Diu
with figures of Intake and out-turn, 1963-64 to 1977-78**

| Year | Number of Institutions | Sanctioned Intake | Actual Intake | Out-turn |
|---------------|---------------------------|----------------------|------------------|----------|
| 1 | 2 | 3 | 4 | 5 |
| 1963-64 | 1 | 120 | 110 | — |
| 1964-65 | 1 | 120 | 65 | — |
| 1965-66 | 1 | 120 | 60 | 7 |
| 1966-67 | 1 | 120 | 91 | 18 |
| 1967-68 | 1 | 120 | 189 | 7 |
| 1968-69 | 1 | 120 | 151 | 13 |
| 1969-70 | 1 | 120 | 58 | 16 |
| 1970-71 | 1 | 120 | 113 | 19 |
| 1971-72 | 1 | 120 | 73 | 50 |
| 1972-73 | 1 | 120 | 73 | 22 |
| 1973-74 | 1 | 120 | 62 | 18 |
| 1974-75 | 1 | 120 | 123 | 48 |
| 1975-76 | 1 | 130 | 140 | 33 |
| 1976-77 | 1 | 140 | 137 | 45 |
| 1977-78 | 1 | 140 | 132 | 73 |

Source: — Directorate of Education, Panaji.

TABLE 7.3

**Out-turn of Engineering Graduates in Goa, Daman and Diu
by specialities 1970-71 to 1977-78**

| Subject | 1970-71 | 1971-72 | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Civil | 9 | 7 | 11 | 23 | 11 | 11 | 18 | 15 |
| Mechanical | 10 | 13 | 12 | 16 | 9 | 11 | 15 | 22 |
| Electrical | 9 | 7 | 7 | 14 | 7 | 7 | 5 | 17 |
| Others | — | — | — | — | — | — | — | — |
| Total | 27 | 27 | 30 | 53 | 27 | 29 | 38 | 54 |

Source: — Directorate of Education, Panaji.

TABLE 7.4

Sanctioned intake and out-turn of Engineering Diploma Holders in
Goa, Daman and Diu by Specialities, 1970-71 to 1977-78

| Subject | 1970-71 | | 1971-72 | | 1972-73 | | 1973-74 | | 1974-75 | | 1975-76 | | 1976-77 | | 1977-78 | |
|--------------------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|
| | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn | Intake Sanctioned | Out-turn |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| Civil | 40 | 2 | 40 | 5 | 40 | 2 | 40 | 6 | N. A. | N. A. | N. A. | 5 | N. A. | 7 | N. A. | 23 |
| Mechanical | 40 | 12 | 40 | 34 | 40 | 16 | 40 | 7 | N. A. | N. A. | N. A. | 22 | N. A. | 30 | N. A. | 37 |
| Electrical | 40 | 5 | 40 | 11 | 40 | 4 | 40 | 5 | N. A. | N. A. | N. A. | 6 | N. A. | 8 | N. A. | 13 |
| Total | 120 | 19 | 120 | 50 | 120 | 22 | 120 | 18 | 120 | 48 | 130 | 33 | 140 | 45 | 140 | 73 |

Source: -- Directorate of Education, Panaji.

TABLE 7.5

**Progress of Engineering, Technology & Architecture Colleges
in Selected States of India, 1971-72 and 1972-73**

| States/U. T's | No. of Engineering, Technological & Architecture College | |
|------------------------------|---|------------|
| | Degree/Post-Graduates and Under-Graduates | |
| | 1971-72 | 1972-73 |
| 1 | 2 | 3 |
| States: | | |
| Andhra Pradesh | 57 | 62 |
| Assam | 16 | 16 |
| Bihar | 47 | 49 |
| Gujarat | 43 | 44 |
| Haryana | 29 | 29 |
| Himachal Pradesh | 11 | 11 |
| Jammu and Kashmir | 2 | 3 |
| Kerala | 24 | 24 |
| Madhya Pradesh | 40 | 40 |
| Maharashtra | 94 | 93 |
| Manipur | 2 | 2 |
| Meghalaya | 1 | 1 |
| Mysore | 62 | 66 |
| Nagaland | — | 1 |
| Orissa | 10 | 10 |
| Punjab | 47 | 47 |
| Rajasthan | 23 | 23 |
| Tamilnadu | 45 | 45 |
| Tripura | 2 | 2 |
| Uttar Pradesh | 103 | 103 |
| West Bengal | 56 | 56 |
| Union Territories: | | |
| A. and N. Islands | — | — |
| Arunachal Pradesh | — | — |
| Chandigarh | 6 | 6 |
| Dadra and Nagar Haveli | — | — |
| Delhi | 15 | 15 |
| Goa, Daman and Diu | 2 | 2 |
| L. M. and A. Islands | — | — |
| Mizoram | — | — |
| Pondicherry | 1 | 1 |
| India | 738 | 751 |

Source: — Ministry of Education & S. W., New Delhi.

TABLE 7.6

Students Enrolment in Engineering, Technology and Architecture Degree Colleges in Selected States of India, 1970-71 and 1971-72

| States/U. T's | Students Enrolment | | | | | |
|------------------------------|--------------------|------------|---------------|-----------------|---------------|-----------------|
| | 1970-71 | | | 1971-72 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 6,901 | 40 | 6,941(a) | 15,008 | 1,273 | 16,281 |
| Assam | 1,142 | 14 | 1,156 | 3,670 | 91 | 3,761 |
| Bihar | 6,702 | 8 | 6,710 | 17,400 | 2 | 17,402 |
| Gujarat | 6,378 | 29 | 6,407(a) | 17,130 | 386 | 17,516 |
| Haryana | — | — | — | 7,719 | 796 | 8,515 |
| Himachal Pradesh | 379 | 7 | 386 | 1,454 | 115 | 1,569 |
| Jammu and Kashmir | 748 | 6 | 754(c) | 866 | 5 | 871 |
| Kerala | 3,376 | 138 | 3,514 | 6,871 | 719 | 7,590 |
| Madhya Pradesh | 7,132 | 41 | 7,173 | 13,879 | 238 | 14,117 |
| Maharashtra | 5,773 | 134 | 5,907 | 33,404 | 900 | 34,304 |
| Manipur | 431 | 4 | 435 | 415 | 6 | 421 |
| Meghalaya | — | — | — | 55 | 2 | 57 |
| Mysore | 10,175 | 48 | 10,223 | 19,928 | 965 | 20,893 |
| Nagaland | — | — | — | — | — | — |
| Orissa | 1,821 | 6 | 1,827 | 3,082 | 4 | 3,086 |
| Punjab | N. A. | N. A. | N. A. | 9,947 | 1,445 | 11,392 |
| Rajasthan | 3,230 | 20 | 3,250 | 4,355 | 1 | 4,356 |
| Tamilnadu | 10,720 | 31 | 10,751(b) | 15,974 | 798 | 16,772 |
| Tripura | 111 | — | 111 | 173 | — | 173 |
| Uttar Pradesh | 13,138 | 219 | 13,407(a) | 27,845 | 1,117 | 28,962 |
| West Bengal | 6,680 | 70 | 6,750(b) | 15,238 | 218 | 15,456 |
| Union Territories: | | | | | | |
| A. and N. Islands | — | — | — | — | — | — |
| Arunachal Pradesh | — | — | — | — | — | — |
| Chandigarh | 1,379 | 16 | 1,395 | 1,976 | 534 | 2,510 |
| Dadra and Nagar Haveli | — | — | — | — | — | — |
| Delhi | 1,340 | 33 | 1,373 | 5,695 | 1,925 | 7,620 |
| Goa, Daman and Diu | 124 | 1 | 125 | 298 | — | 298 |
| L. M. and A. Islands | — | — | — | — | — | — |
| Mizoram | — | — | — | — | — | — |
| Pondicherry | — | — | — | 172 | — | 172 |
| India | 87,730 | 865 | 88,595 | 2,22,554 | 11,540 | 2,34,094 |

a) Relates to 1969-70
b) Estimated enrolment
c) Relates to 1968-69

Source: — Ministry of Education & S. W., New Delhi.

SECTION - 8

Health and Medical Education

This section provides the data relating to Health and Medical Education. Table 8.1 gives the figures of intake and outturn of Medical College existing in Goa. Table 8.2 presents the data on outturn of M. B. B. S. Doctors and post graduate Doctors. Table 8.3, 8.4 and 8.5 indicate wastage in Medical Education.

Table 8.6 gives the statistics separately for Degree and Diploma Course, of Pharmaceutical institutions. The statistics relates to the number of institutions, their intake and outturn. The data cover the period from 1963-64 to 1977-78.

Table 8.7 gives the data about Institutions, Enrolment and outturn in Nursing Courses in Goa, Daman and Diu.

Tables 8.8 and 8.9 presents number of Medical Colleges and their enrolment in selecteed States of India.

TABLE 8.1

**Number of Medical Colleges in Goa, Daman and Diu with figures of
intake and out-turn, 1963-64 to 1977-78**

| Year | No. of Medical College | Intake | Out-turn of MBBS. |
|---------------|------------------------------|--------|----------------------|
| 1 | 2 | 3 | 4 |
| 1963-64 | 1 | 63 | — |
| 1964-65 | 1 | 63 | — |
| 1965-66 | 1 | 66 | — |
| 1966-67 | 1 | 66 | — |
| 1967-68 | 1 | 66 | — |
| 1968-69 | 1 | 65 | 56 |
| 1969-70 | 1 | 65 | 59 |
| 1970-71 | 1 | 64 | 73 |
| 1971-72 | 1 | 66 | 73 |
| 1972-73 | 1 | 66 | 50 |
| 1973-74 | 1 | 65 | 83 |
| 1974-75 | 1 | 69 | 60 |
| 1975-76 | 1 | 70 | 84 |
| 1976-77 | 1 | 60 | 58 |
| 1977-78 | 1 | 60 | 65 |

Note: — Out-turn of final M. B. B. S — the figures are of the exam. of April & October of each respective year.

Source: — Goa Medical College, Panaji

TABLE 8.2

**Out-turn of M. B. B. S. Doctors and Post-graduate Doctors in Goa,
Daman and Diu, 1968-69 to 1977-78**

| Year | Out-turn of final M. B. B. S. | | | Out-turn of Post Graduate | | |
|------------------------------------|-------------------------------|--------|-------|---------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| | 2 | 3 | 4 | 5 | 6 | 7 |
| 1968-69: | | | | | | |
| Exam. of April 1968 & October 1968 | 41 | 15 | 56 | — | — | — |
| 1969-70: | | | | | | |
| Exam. of April 1969 & October 1969 | 41 | 18 | 59 | — | — | — |
| 1970-71: | | | | | | |
| Exam. of April 1970 & October 1970 | 60 | 13 | 73 | — | — | — |
| 1971-72: | | | | | | |
| Exam. of April 1971 & October 1971 | 58 | 15 | 73 | — | — | — |
| 1972-73: | | | | | | |
| Exam. of April 1972 & October 1972 | 38 | 12 | 50 | — | — | — |
| 1973-74: | | | | | | |
| Exam. of April 1973 & October 1973 | 66 | 17 | 83 | 6 | 3 | 9 |
| 1974-75: | | | | | | |
| Exam. of April 1974 & October 1974 | 46 | 14 | 60 | 6 | 2 | 8 |
| 1975-76: | | | | | | |
| Exam. of April 1975 & October 1975 | 70 | 14 | 84 | 8 | 6 | 14 |
| 1976-77: | | | | | | |
| Exam. of April 1976 & October 1976 | 48 | 10 | 58 | 12 | 5 | 17 |
| 1977-78: | | | | | | |
| Exam. of April 1977 & October 1977 | 52 | 13 | 65 | 7 | 4 | 11 |

Source: — Goa Medical College, Panaji.

TABLE 8.3

**Percentage distribution of Students Passing M. B. B. S. Final Examination in Goa, Daman and Diu by period
for 1963-64 to 1973-74 Batches**

| Time period | 1963-64 Batch | | | | | | 1964-65 Batch | | | | | | 1965-66 Batch | | | | | |
|----------------------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|
| | Number | | | Percentage | | | Number | | | Percentage | | | Number | | | Percentage | | |
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Minimum Period | 13 | 5 | 18 | 28.3 | 29.4 | 28.6 | 20 | 8 | 28 | 43.5 | 47.0 | 44.4 | 9 | 8 | 17 | 19.6 | 40.0 | 25.8 |
| + ½ year | 9 | 5 | 14 | 19.6 | 29.4 | 22.2 | 13 | 5 | 18 | 28.3 | 29.4 | 28.6 | 12 | 6 | 18 | 26.1 | 30.0 | 27.3 |
| + 1 year | 4 | 3 | 7 | 8.7 | 17.6 | 11.1 | 1 | — | 1 | 2.2 | — | 1.6 | 6 | 1 | 7 | 13.0 | 5.0 | 10.6 |
| + 1½ years | 9 | 2 | 11 | 19.6 | 11.8 | 17.4 | 2 | 1 | 3 | 4.3 | 5.9 | 4.7 | 6 | 1 | 7 | 13.0 | 5.0 | 10.6 |
| + 2 years | — | — | — | — | — | — | 1 | — | 1 | 2.2 | — | 1.6 | 5 | 1 | 6 | 10.9 | 5.0 | 9.1 |
| + 2½ years | 2 | 1 | 3 | 4.3 | 5.9 | 4.8 | — | 1 | 1 | — | 5.9 | 1.6 | — | — | — | — | — | — |
| + 3 years | 3 | — | 3 | 6.5 | — | 4.8 | 2 | — | 2 | 4.3 | — | 3.2 | — | — | — | — | — | — |
| + 3½ years | 2 | — | 2 | 4.3 | — | 3.2 | — | — | — | — | — | — | 2 | — | 2 | 4.4 | — | 3.0 |
| + 4 years | — | — | — | — | — | — | 1 | — | 1 | 2.2 | — | 1.6 | — | — | — | — | — | — |
| + 4½ years | — | — | — | — | — | — | — | 1 | 1 | — | 5.9 | 1.6 | — | — | — | — | — | — |
| Real Wastage | 4 | 1 | 5 | 8.7 | 5.9 | 7.9 | 5 | 1 | 7 | 13.0 | 5.9 | 11.6 | 6 | 3 | 9 | 13.0 | 15.0 | 13.6 |

**Percentage distribution of Students Passing M. B. B. S. Final Examination in Goa, Daman and Diu by period
for 1963-64 to 1973-74 Batches (Contd.)**

| Time period | 1966-67 Batch | | | | | | 1967-68 Batch | | | | | | 1968-69 Batch | | | | | |
|----------------------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|
| | Number | | | Percentage | | | Number | | | Percentage | | | Number | | | Percentage | | |
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 1 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| Minimum Period | 17 | 8 | 25 | 34.0 | 50.0 | 37.9 | 20 | 9 | 29 | 35.7 | 90.0 | 43.9 | 11 | 9 | 20 | 24.4 | 45.0 | 30.7 |
| + ½ year | 14 | 2 | 16 | 28.0 | 12.5 | 24.3 | 15 | — | 15 | 26.8 | — | 22.7 | 26 | 5 | 31 | 57.7 | 25.0 | 47.7 |
| + 1 year | 3 | — | 3 | 6.0 | — | 4.5 | 4 | — | 4 | 7.1 | — | 6.2 | 1 | 1 | 2 | 2.5 | 5.0 | 3.1 |
| + 1½ years | 2 | 1 | 3 | 4.0 | 6.3 | 4.5 | 8 | — | 8 | 14.3 | — | 12.1 | 1 | 1 | 2 | 2.2 | 5.0 | 3.1 |
| + 2 years | — | — | — | — | — | — | — | — | — | — | — | — | 3 | 1 | 4 | 6.6 | 5.0 | 6.2 |
| + 2½ years | 3 | 1 | 4 | 6.0 | 6.2 | 6.1 | — | — | — | — | — | — | 1 | — | 1 | 2.2 | — | 1.5 |
| + 3 years | — | — | — | — | — | — | 1 | — | 1 | 1.8 | — | 1.5 | — | — | — | — | — | — |
| + 3½ years | — | — | — | — | — | — | 1 | — | 1 | 1.8 | — | 1.5 | — | — | — | — | — | — |
| + 4 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| + 4½ years | — | 2 | 2 | — | 12.5 | 3.0 | — | — | — | — | — | — | — | — | — | — | — | — |
| Real Wastage | 11 | 2 | 13 | 22.0 | 12.5 | 19.7 | 7 | 1 | 8 | 12.5 | 10.0 | 12.1 | 2 | 3 | 5 | 4.4 | 15.0 | 7.7 |

**Percentage distribution of Students Passing M. B. B. S. Final Examination in Goa, Daman and Diu by period
for 1963-64 to 1973-74 Batches (Contd.)**

| Time period | 1969-70 Batch | | | | | | 1970-71 Batch | | | | | | 1971-72 Batch | | | | | |
|----------------------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|
| | Number | | | Percentage | | | Number | | | Percentage | | | Number | | | Percentage | | |
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 1 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| Minimum Period | 21 | 9 | 30 | 41.2 | 64.3 | 46.2 | 19 | 9 | 28 | 37.3 | 69.2 | 43.7 | 27 | 8 | 35 | 49.1 | 72.7 | 53.3 |
| + ½ year | 14 | 1 | 15 | 27.4 | 7.1 | 23.1 | 25 | 3 | 28 | 49.0 | 23.1 | 43.7 | 12 | 2 | 14 | 21.8 | 18.2 | 21.2 |
| + 1 year | 3 | 1 | 4 | 5.9 | 7.1 | 6.1 | 4 | — | 4 | 7.8 | — | 6.3 | 4 | 1 | 5 | 7.3 | 9.1 | 7.5 |
| + 1½ years | 3 | — | 3 | 5.9 | — | 4.6 | 2 | — | 2 | 3.9 | — | 3.1 | 5 | — | 5 | 9.1 | — | 7.5 |
| + 2 years | 3 | 1 | 4 | 5.9 | 7.2 | 6.2 | — | 1 | 1 | — | 7.7 | 1.6 | 5 | — | 5 | 9.1 | — | 7.5 |
| + 2½ years | 2 | — | 2 | 3.9 | — | 3.1 | 1 | — | 1 | 1.9 | — | 1.6 | — | — | — | — | — | — |
| + 3 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| + 3½ years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| + 4 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| + 4½ years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real Wastage | 5 | 2 | 7 | 9.8 | 14.3 | 10.7 | — | — | — | — | — | — | 2 | — | 2 | 3.6 | — | 3.0 |

**Percentage distribution of Students Passing M. B. B. S. Final Examination in Goa, Daman and Diu by period
for 1963-64 to 1973-74 Batches (Concl'd.)**

| Time period | 1972-73 Batch | | | | | | 1973-74 Batch | | | | | |
|----------------------|---------------|--------|---------|------------|--------|---------|---------------|--------|---------|------------|--------|---------|
| | Number | | | Percentage | | | Number | | | Percentage | | |
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 1 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 |
| Minimum Period | 27 | 6 | 33 | 50.0 | 50.0 | 50.0 | 23 | 8 | 31 | 46.9 | 50.0 | 47.7 |
| + ½ year | 19 | 3 | 22 | 35.2 | 25.0 | 33.3 | 20 | 5 | 25 | 40.8 | 31.2 | 38.4 |
| + 1 year | 3 | 1 | 4 | 5.5 | 8.4 | 6.1 | 5 | 1 | 6 | 10.2 | 6.2 | 9.2 |
| + 1½ years | — | — | — | — | — | — | — | — | — | — | — | — |
| + 2 years | — | — | — | — | — | — | — | — | — | — | — | — |
| + 2½ years | — | — | — | — | — | — | — | — | — | — | — | — |
| + 3 years | — | — | — | — | — | — | — | — | — | — | — | — |
| + 3½ years | — | — | — | — | — | — | — | — | — | — | — | — |
| + 4 years | — | — | — | — | — | — | — | — | — | — | — | — |
| + 4½ years | — | — | — | — | — | — | — | — | — | — | — | — |
| Real Wastage | 5 | 2 | 7 | 9.3 | 16.6 | 10.6 | 1 | 2 | 3 | 2.0 | 12.5 | 4.6 |

Note: — Real wastage is defined as the percentage of the number of the Student who did not complete the course or pass all the relevant examination irrespective of the — time allowed to the total number of students admitted in a particular Batch.

Pattern of M. B. S. Students'-Progress in Goa

| Year of Admission | NUMBER GRADUA- | | | | | | | | | | | |
|-------------------|----------------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|
| | Intake | | | Drop-Out | | | 5½ years | | | 6 years | | |
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1963-64 | 46 | 17 | 63 | 4 | 1 | 5 | 13 | 5 | 18 | 9 | 5 | 14 |
| 1964-65 | 46 | 17 | 63 | 6 | 1 | 7 | 20 | 8 | 28 | 13 | 5 | 18 |
| 1965-66 | 46 | 20 | 66 | 6 | 3 | 9 | 9 | 8 | 17 | 12 | 6 | 18 |
| 1966-67 | 50 | 16 | 66 | 11 | 2 | 13 | 17 | 8 | 25 | 14 | 2 | 16 |
| 1967-68 | 56 | 10 | 66 | 7 | 1 | 8 | 20 | 9 | 29 | 15 | — | 15 |
| 1968-69 | 45 | 20 | 65 | 2 | 3 | 5 | 11 | 9 | 20 | 26 | 5 | 31 |
| 1969-70 | 51 | 14 | 65 | 5 | 2 | 7 | 21 | 9 | 30 | 14 | 1 | 15 |
| 1970-71 | 51 | 13 | 64 | — | — | — | 19 | 9 | 28 | 25 | 3 | 28 |
| 1971-72 | 55 | 11 | 66 | 2 | — | 2 | 27 | 8 | 35 | 12 | 2 | 14 |
| 1972-73 | 54 | 12 | 66 | 5 | 2 | 7 | 27 | 6 | 33 | 19 | 3 | 22 |
| 1973-74 | 49 | 16 | 65 | 1 | 2 | 3 | 23 | 8 | 31 | 20 | 5 | 25 |

Medical College by Sex, 1963-64 to 1973-74

TING IN

| | | | | | | | | | Total number complet- ing upto 10 years | | |
|---------|--------|---------|---------|--------|---------|----------|--------|---------|--|--------|---------|
| 7 years | | | 8 years | | | 10 years | | | | | |
| Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 13 | 5 | 18 | 2 | 1 | 3 | 5 | — | 5 | 42 | 16 | 58 |
| 3 | 1 | 4 | 1 | 1 | 2 | 3 | — | 3 | 40 | 16 | 56 |
| 12 | 2 | 14 | 5 | 1 | 6 | 2 | — | 2 | 40 | 17 | 57 |
| 5 | 1 | 6 | 3 | 1 | 4 | — | 2 | 2 | 39 | 14 | 53 |
| 12 | — | 12 | — | — | — | 2 | — | 2 | 49 | 9 | 58 |
| 2 | 2 | 4 | 4 | 1 | 5 | — | — | — | 43 | 17 | 60 |
| 6 | 1 | 7 | 5 | 1 | 6 | — | — | — | 46 | 12 | 58 |
| 6 | — | 6 | — | 1 | 1 | 1 | — | 1 | 51 | 13 | 64 |
| 9 | 1 | 10 | 5 | — | 5 | — | — | — | 53 | 11 | 64 |
| 3 | 1 | 4 | — | — | — | — | — | — | 49 | 10 | 59 |
| 6 | — | 6 | — | — | — | — | — | — | 49 | 13 | 62 |

TABLE 8.5

Wastage in Goa Medical College, Goa, Daman and Diu, 1963-64 to 1973-1974

| Items | 1963-64 Batch | | | 1964-65 Batch | | | 1965-66 Batch | | | 1966-67 Batch | | | 1967-68 Batch | | | 1968-69 Batch | | |
|---|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Total Intake | 46 | 17 | 63 | 46 | 17 | 63 | 46 | 20 | 66 | 50 | 16 | 66 | 56 | 10 | 66 | 45 | 20 | 65 |
| Number passing in normal time | 13 | 5 | 18 | 20 | 8 | 28 | 9 | 8 | 17 | 17 | 8 | 25 | 20 | 9 | 29 | 11 | 9 | 20 |
| Percentage to total Intake ... | 28 | 29 | 29 | 43 | 47 | 44 | 20 | 40 | 26 | 34 | 50 | 38 | 35 | 90 | 44 | 24 | 45 | 31 |
| No. not passing in normal time | 33 | 12 | 45 | 26 | 9 | 35 | 37 | 12 | 49 | 33 | 8 | 41 | 36 | 1 | 37 | 34 | 11 | 45 |
| Preliminary wastage in percentage | 73 | 71 | 71 | 57 | 53 | 56 | 80 | 60 | 74 | 66 | 50 | 62 | 64 | 10 | 56 | 76 | 55 | 69 |
| Number passing on later date | 29 | 11 | 40 | 20 | 8 | 28 | 31 | 9 | 40 | 22 | 6 | 28 | 29 | — | 29 | 32 | 8 | 40 |
| Percentage to total Intake ... | 63 | 65 | 63 | 43 | 47 | 44 | 67 | 45 | 61 | 44 | 38 | 42 | 52 | — | 52 | 71 | 40 | 62 |
| Number who did not pass at all | 4 | 1 | 5 | 6 | 1 | 7 | 6 | 3 | 9 | 11 | 2 | 13 | 7 | 1 | 8 | 2 | 3 | 5 |
| Real wastage in percentage ... | 8 | 6 | 8 | 13 | 6 | 11 | 13 | 15 | 13 | 22 | 12 | 9 | 12 | 10 | 12 | 4 | 15 | 8 |

Wastage in Goa Medical College, Goa, Daman and Diu, 1963-64 to 1973-1974

| | 1969-70 Batch | | | 1970-71 Batch | | | 1971-72 Batch | | | 1972-73 Batch | | | 1973-74 Batch | | |
|---|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|---------------|--------|---------|
| | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons | Male | Female | Persons |
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
| Total Intake | 51 | 14 | 65 | 51 | 13 | 64 | 55 | 11 | 66 | 54 | 12 | 66 | 49 | 16 | 65 |
| Number passing in normal time | 21 | 9 | 30 | 19 | 9 | 28 | 27 | 8 | 35 | 27 | 6 | 33 | 23 | 8 | 31 |
| Percentage to total Intake ... | 41 | 64 | 46 | 37 | 69 | 44 | 49 | 72 | 53 | 50 | 50 | 50 | 47 | 50 | 48 |
| No. not passing in normal time | 30 | 5 | 35 | 32 | 4 | 36 | 28 | 3 | 31 | 27 | 6 | 33 | 26 | 8 | 34 |
| Preliminary wastage in percentage | 59 | 36 | 54 | 63 | 31 | 56 | 51 | 27 | 47 | 50 | 50 | 50 | 53 | 50 | 52 |
| Number passing on later date | 25 | 3 | 28 | 32 | 4 | 36 | 26 | 3 | 29 | 22 | 4 | 26 | 25 | 6 | 31 |
| Percentage to total Intake ... | 49 | 21 | 44 | 63 | 31 | 56 | 47 | 27 | 43 | 41 | 33 | 39 | 51 | 37 | 48 |
| Number who did not pass at all | 5 | 2 | 7 | — | — | — | 2 | — | 2 | 5 | 2 | 7 | 1 | 2 | 3 |
| Real wastage in percentage ... | 10 | 4 | 10 | — | — | — | 3 | — | 3 | 9 | 16 | 10 | 2 | 12 | 5 |

TABLE 8.6

Number of Pharmaceutical Institutions in Goa, Daman and Diu with figures of intake and out-turn by type of Courses, 1963-64 to 1977-78

| Year | Diploma courses | | | Degree courses (a) | | |
|-------------------|-----------------------|--------|----------|-----------------------|--------|----------|
| | Number of Institution | Intake | Out turn | Number of Institution | Intake | Out turn |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1963-64 | — | — | — | 1 | 9 | — |
| 1964-65 | — | — | — | 1 | 15 | — |
| 1965-66 | 1 | 8 | — | 1 | 11 | — |
| 1966-67 | 1 | 6 | 8 | 1 | 12 | 14 |
| 1967-68 | 1 | 11 | 7 | 1 | 20 | 9 |
| 1968-69 | 1 | 20 | 7 | 1 | 20 | 12 |
| 1969-70 | 1 | 16 | 15 | 1 | 19 | 16 |
| 1970-71 | 1 | 19 | 14 | 1 | 20 | 19 |
| 1971-72 (P) | 1 | 20 | 17 | 1 | 20 | 10 |
| 1972-73 (P) | 1 | 23 | 17 | 1 | 24 | 9 |
| 1973-74 (P) | 1 | 24 | 18 | 1 | 26 | — |
| 1974-75 | 1 | 24 | 22 | 1 | 24 | 24 |
| 1975-76 | 1 | 24 | 17 | 1 | 24 | 16 |
| 1976-77 | 1 | 27 | 20 | 1 | 26 | 22 |
| 1977-78 | 1 | 30 | — | 1 | 20 | — |

(a) Diploma Courses are also conducted by the same institution.
Source: — Pharmacy College Goa, Panaji.

TABLE 8.7

Number of Institutions, Enrolment and Out-turn for different Diploma Nursing Courses in Goa, Daman and Diu for 1965 to 1978

| Year | Number of Institutions | | | Enrolment | | | Out turns | | |
|------------|------------------------|---------------------------|-------|-----------------|---------------------------|-------|-----------------|---------------------------|-------|
| | General Nursing | Auxiliary Nurse mid wives | Total | General Nursing | Auxiliary Nurse mid wives | Total | General Nursing | Auxiliary Nurse mid wives | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1965 | 1 | 2 | 3 | 10 | 38 | 48 | — | — | — |
| 1966 | 1 | 1 | 2 | 13 | 15 | 28 | — | 18 | 18 |
| 1967 | 1 | 1 | 2 | 18 | 59 | 77 | — | 30 | 30 |
| 1968 | 1 | 1 | 2 | 14 | 38 | 52 | — | 7 | 7 |
| 1969 | 1 | 1 | 2 | 39 | 34 | 73 | 11 | 38 | 49 |
| 1970 | 1 | 1 | 2 | 20 | 20 | 40 | 4 | 24 | 28 |
| 1971 | 1 | 1 | 2 | 20 | — | 20 | 12 | 22 | 34 |
| 1972 | 1 | 1 | 2 | 30 | — | 30 | 19 | 15 | 34 |
| 1973 | 1 | 1 | 2 | 20 | 58 | 78 | 13 | — | 13 |
| 1974 | 1 | 1 | 2 | 20 | — | 20 | 15 | — | 15 |
| 1975 | 2 | 1 | 3 | 20 | 40 | 60 | 17 | 40 | 57 |
| 1976 | 2 | 1 | 3 | 30 | 20 | 50 | 27 | 18 | 45 |
| 1977 | 1 | 1 | 2 | 55 | — | 55 | 20 | — | 20 |
| 1978 | 1 | 1 | 2 | 55 | 60 | 115 | 17 | — | 17 |

Source: — Directorate of Health Services, Panaji.

TABLE 8.8

**Number of Medical Colleges in Selected States of India,
1971-72 and 1972-73**

| States/U. T'S | Number of Medical colleges Degree/Post-Graduate and under Graduates | |
|------------------------------|---|------------|
| | 1971-72 | 1972-73 |
| 1 | 2 | 3 |
| States: | | |
| Andhra Pradesh | 16 | 16 |
| Assam | 4 | 4 |
| Bihar | 19 | 22 |
| Gujarat | 16 | 16 |
| Haryana | 2 | 3 |
| Himachal Pradesh | 1 | 1 |
| Jammu and Kashmir | 3 | 2 |
| Kerala | 6 | 6 |
| Madhya Pradesh | 18 | 18 |
| Maharashtra | 43 | 50 |
| Manipur | 1 | 1 |
| Meghalaya | 1 | 1 |
| Mysore | 20 | 19 |
| Nagaland | 1 | 1 |
| Orissa | 5 | 5 |
| Punjab | 9 | 10 |
| Rajasthan | 9 | 8 |
| Tamilnadu | 12 | 12 |
| Tripura | 1 | 1 |
| Uttar Pradesh | 19 | 20 |
| West Bengal | 18 | 19 |
| Union Territories: | | |
| A. and N. Islands | 1 | 1 |
| Arunachal Pradesh | 1 | 1 |
| Chandigarh | 1 | 1 |
| Dadra and Nagar Haveli | 1 | 1 |
| Delhi | 5 | 6 |
| Goa, Daman and Diu | 1 | 1 |
| L. M. and A. Islands | 1 | 1 |
| Mizoram | 1 | 1 |
| Pondicherry | 1 | 1 |
| India | 227 | 240 |

TABLE 8.9

**Students enrolment in Medical Colleges in Selected States
in India, 1971-72 and 1972-73**

| States/U. T's | Enrolment in Medical Colleges | | | | | |
|------------------------------|-------------------------------|--------|----------|---------|--------|----------|
| | 1971-72 | | | 1972-73 | | |
| | Boys | Girls | Total | Boys | Girls | Total |
| | 2 | 3 | 4 | 5 | 6 | 7 |
| States: | | | | | | |
| Andhra Pradesh | 7,131 | 2,205 | 9,336 | 7,246 | 2,261 | 9,507 |
| Assam | 1,855 | 307 | 2,162 | 1,740 | 310 | 2,050 |
| Bihar | 7,104 | 774 | 7,878 | 8,547 | 822 | 9,369 |
| Gujarat | 5,166 | 1,274 | 6,440 | 5,185 | 1,279 | 6,464 |
| Haryana | 1,143 | 104 | 1,247 | 1,098 | 118 | 1,216 |
| Himachal Pradesh | 252 | 69 | 321 | 252 | 69 | 321 |
| Jammu and Kashmir | 555 | 110 | 665 | 560 | 109 | 669 |
| Kerala | 3,185 | 1,405 | 4,590 | 3,224 | 1,539 | 4,763 |
| Madhya Pradesh | 5,495 | 1,061 | 6,556 | 5,102 | 949 | 6,051 |
| Maharashtra | 10,337 | 3,224 | 13,561 | 10,783 | 2,962 | 13,745 |
| Manipur | .. | .. | .. | 67 | 10 | 77 |
| Meghalaya | .. | .. | .. | .. | .. | .. |
| Mysore | 9,622 | 1,849 | 11,471 | 9,593 | 1,755 | 11,348 |
| Nagaland | .. | .. | .. | .. | .. | .. |
| Orissa | 1,761 | 282 | 2,043 | 1,410 | 254 | 1,664 |
| Punjab | 2,671 | 717 | 3,388 | 2,724 | 733 | 3,457 |
| Rajasthan | 3,420 | 659 | 4,079 | 3,531 | 719 | 4,250 |
| Tamilnadu | 7,586 | 2,970 | 10,556 | 7,142 | 2,924 | 10,066 |
| Tripura | .. | .. | .. | .. | .. | .. |
| Uttar Pradesh | 5,717 | 709 | 6,426 | 6,520 | 802 | 7,322 |
| West Bengal | 6,564 | 810 | 7,374 | 7,050 | 850 | 7,900 |
| Union Territories: | | | | | | |
| A. and N. Islands | .. | .. | .. | .. | .. | .. |
| Arunachal Pradesh | .. | .. | .. | .. | .. | .. |
| Chandigarh | .. | .. | .. | .. | .. | .. |
| Dadra and Nagar Haveli | .. | .. | .. | .. | .. | .. |
| Delhi | 998 | 1,040 | 2,038 | 1,482 | 1,083 | 2,565 |
| Goa, Daman and Diu | 270 | 75 | 345 | 300 | 76 | 376 |
| L. M. and A. Islands | .. | .. | .. | .. | .. | .. |
| Mizoram | .. | .. | .. | .. | .. | .. |
| Pondicherry | 395 | 140 | 535 | 403 | 125 | 528 |
| India | 81,227 | 19,784 | 1,01,011 | 83,959 | 19,749 | 1,03,708 |

Source: — Ministry of Education & S. W. New Delhi.

SECTION - 9

Teachers Training

The present section provides Statistics regarding the growth of enrolment and outturn of teachers training institutions in Goa for the period beginning 1961-62. Training facilities for teachers are available mainly at two levels viz. School and College. Normally the teacher's training Schools trained teachers for primary/lower elementary and pre-primary classes and the teacher's training colleges trained teachers for other school stages.

Table 9.1 and 9.2 deal with the teacher's training at school level. The tables provide data regarding the number of these schools by type of management and enrolment therein. The statistics on outturn of these schools are given in table 9.5 along with the outturn statistics of teacher's training colleges. Table 9.3 and 9.4 provide data on teachers' training colleges and enrolment by sex therein.

Table 9.6 presents the distribution of teachers training colleges and schools for some selected States.

TABLE 9.1

Number of Teacher's Training schools (post-matric level) in Goa, Daman & Diu by management, 1961-62 to 1977-78

| Year | Government | Local Bodies | Private Bodies | | Total |
|---------|------------|--------------|----------------|---------|-------|
| | | | Aided | Unaided | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1961-62 | 1 | — | — | — | 1 |
| 1962-63 | 1 | — | — | — | 1 |
| 1963-64 | 1 | — | — | — | 1 |
| 1964-65 | 1 | — | — | — | 1 |
| 1965-66 | 1 | — | — | — | 1 |
| 1966-67 | 1 | — | 1 | — | 2 |
| 1967-68 | 1 | — | 1 | — | 2 |
| 1968-69 | 1 | — | 1 | — | 2 |
| 1969-70 | 1 | — | 1 | — | 2 |
| 1970-71 | 1 | — | 1 | — | 2 |
| 1971-72 | 1 | — | 1 | — | 2 |
| 1972-73 | 1 | — | 1 | — | 2 |
| 1973-74 | 1 | — | 2 | — | 3 |
| 1974-75 | 1 | — | 2 | — | 3 |
| 1975-76 | 1 | — | 2 | — | 3 |
| 1976-77 | 1 | — | 2 | 1 | 4 |
| 1977-78 | 1 | — | 2 | 1 | 4 |

Source: — Directorate of Education, Panaji.

TABLE 9.2

Distribution of Enrolment in teacher's Training Schools (Post-matric level) in Goa, Daman & Diu by sex, 1961-62 to 1977-78

| Year | Men | Women | Total |
|---------|-----|-------|-------|
| 1 | 2 | 3 | 4 |
| 1961-62 | 17 | 47 | 64 |
| 1962-63 | — | 18 | 18 |
| 1963-64 | 9 | 26 | 35 |
| 1964-65 | 72 | 25 | 97 |
| 1965-66 | 75 | 24 | 99 |
| 1966-67 | 123 | 64 | 187 |
| 1967-68 | 118 | 80 | 198 |
| 1968-69 | 134 | 66 | 200 |
| 1969-70 | 175 | 85 | 260 |
| 1970-71 | 164 | 138 | 302 |
| 1971-72 | 182 | 160 | 342 |
| 1972-73 | 257 | 207 | 464 |
| 1973-74 | 182 | 128 | 310 |
| 1974-75 | 188 | 290 | 478 |
| 1975-76 | 86 | 227 | 313 |
| 1976-77 | 172 | 386 | 558 |
| 1977-78 | 187 | 552 | 739 |

Source: — Directorate of Education, Panaji.

TABLE 9.3

Number of Post-graduate and under graduate teachers Training Colleges in Goa, Daman & Diu by management, 1964-65 to 1977-78

| Year | Post-Graduate | | | | Under-Graduate | | | |
|---------|---------------|----------------|---------|-------|----------------|----------------|---------|-------|
| | Government | Private Bodies | | Total | Government | Private Bodies | | Total |
| | | Aided | Unaided | | | Aided | Unaided | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1964-65 | — | 1 | — | 1 | — | — | — | — |
| 1965-66 | — | 1 | — | 1 | — | — | — | — |
| 1966-67 | — | 1 | — | 1 | — | — | — | — |
| 1967-68 | — | 1 | — | 1 | — | — | — | — |
| 1968-69 | — | 1 | — | 1 | — | — | — | — |
| 1969-70 | — | 1 | — | 1 | — | — | — | — |
| 1970-71 | — | 1 | — | 1 | — | — | — | — |
| 1971-72 | — | 1 | — | 1 | — | — | — | — |
| 1972-73 | — | 1 | — | 1 | — | — | — | — |
| 1973-74 | — | 1 | — | 1 | — | — | — | — |
| 1974-75 | — | 1 | — | 1 | — | — | — | — |
| 1975-76 | — | 1 | — | 1 | — | — | — | — |
| 1976-77 | — | 1 | — | 1 | — | — | — | — |
| 1977-78 | — | 1 | — | 1 | — | — | — | — |

Source: — Directorate of Education, Panaji.

TABLE 9.4

Distribution of Enrolment in Teachers Training Colleges in Goa, Daman & Diu by sex, 1967-68 to 1977-78

| Year | Men | Woman | Total |
|---------|-----|-------|-------|
| 1 | 2 | 3 | 4 |
| 1967-68 | 49 | 47 | 96 |
| 1968-69 | 52 | 47 | 99 |
| 1969-70 | 66 | 55 | 121 |
| 1970-71 | 66 | 59 | 125 |
| 1971-72 | 78 | 60 | 138 |
| 1972-73 | 75 | 62 | 137 |
| 1973-74 | 71 | 92 | 163 |
| 1974-75 | 76 | 88 | 163 |
| 1975-76 | 104 | 63 | 167 |
| 1976-77 | 86 | 75 | 161 |
| 1977-78 | 82 | 90 | 172 |

Source: — Directorate of Education, Panaji.

TABLE 9.5

**Out-turn of Teachers Training Institutions in Goa, Daman
and Diu by Stages and Sex, 1970-71 to 1977-78**

| Year | Post-graduate Standard | | | Graduate Standard | | | School Standard (Post matric) | | | Grand Total | | |
|---------------|------------------------|-------|-------|-------------------|-------|-------|-------------------------------|-------|-------|-------------|-------|-------|
| | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1970-71 | 1 | 2 | 3 | 38 | 40 | 78 | 13 | 19 | 32 | 52 | 61 | 113 |
| 1971-72 | 4 | 2 | 6 | 44 | 39 | 83 | 21 | 16 | 37 | 69 | 57 | 126 |
| 1972-73 | 2 | 1 | 3 | 46 | 33 | 79 | 18 | 19 | 37 | 66 | 53 | 119 |
| 1973-74 | — | 3 | 3 | 42 | 51 | 93 | 50 | 102 | 152 | 92 | 156 | 248 |
| 1974-75 | — | 5 | 5 | 40 | 48 | 88 | 138 | 228 | 366 | 178 | 281 | 459 |
| 1975-76 | 1 | 2 | 3 | 66 | 37 | 103 | 80 | 118 | 198 | 147 | 157 | 304 |
| 1976-77 | 2 | 2 | 4 | 51 | 52 | 103 | 98 | 165 | 263 | 151 | 219 | 370 |
| 1977-78 | 4 | 1 | 5 | 37 | 60 | 97 | 80 | 198 | 278 | 121 | 259 | 380 |

Source: — Directorate of Education, Panaji.

TABLE 9.6

**Distribution of Teachers Training Colleges & Schools in
Selected States of India, 1971-72 & 1972-73**

| States/U. T's | Number of Institutions | | | |
|----------------------------|------------------------|---------|---------|---------|
| | Colleges | | Schools | |
| | 1971-72 | 1972-73 | 1971-72 | 1972-73 |
| 1 | 2 | 3 | 4 | 5 |
| <i>States</i> | | | | |
| Andhra Pradesh | 15 | 16 | 3 | 2 |
| Assam | 6 | 6 | 31 | 30 |
| Bihar | 104 | 104 | .. | .. |
| Gujarat | 33 | 33 | 88 | 82 |
| Haryana | 19 | 19 | .. | .. |
| Himachal Pradesh | 9 | 8 | .. | .. |
| Jammu & Kashmir | 19 | 20 | .. | .. |
| Kerala | 124 | 124 | .. | .. |
| Madhya Pradesh | 54 | 54 | .. | .. |
| Maharashtra | 233 | 207 | 10 | 10 |
| Manipur | 1 | 2 | 5 | 5 |
| Meghalaya | 3 | 3 | 7 | 7 |
| Mysore | 124 | 136 | 5 | 4 |
| Nagaland | .. | — | 3 | 3 |
| Orissa | 38 | 54 | 29 | 25 |
| Punjab | 24 | 22 | .. | — |
| Rajasthan | 39 | 48 | .. | — |
| Tamilnadu | 156 | 140 | .. | — |
| Tripura | 6 | 6 | .. | .. |
| Uttar Pradesh | 193 | 194 | .. | .. |
| West Bengal | 87 | 87 | 27 | 28 |
| <i>Union Territories</i> | | | | |
| A. & N. Islands | 1 | 1 | .. | .. |
| Arunachal Pradeesh | 1 | 1 | .. | .. |
| Chandigarh | 1 | 1 | .. | .. |
| Dadra & Nagar Haveli | .. | — | .. | .. |
| Delhi | 4 | 4 | .. | .. |
| Goa, Daman & Diu | 3 | 3 | .. | .. |
| L. M. & A. Islands | .. | .. | .. | .. |
| Mizoram | .. | .. | 2 | 2 |
| Pondicherry | 2 | 2 | — | .. |
| <i>India</i> | 12,999 | 1,295 | 210 | 198 |

Source: — Ministry of Education & S. W. New Delhi.