

# **BULLETIN ON JOB OPPORTUNITIES IN INDIA**

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**1999**

**GOVERNMENT OF INDIA  
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DIRECTORATE GENERAL OF EMPLOYMENT & TRAINING  
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## **P R E F A C E**

The Directorate General of Employment & Training has been conducting, from time to time, Studies/Surveys on job profiles in India. The present issue of "Bulletin on Job Opportunities in India" is another step towards a better and reliable database on the job-opportunities available in India during 1999.

In this publication, an attempt has been made to compile and analyse the data relating to job opportunities that were available to the job seekers holding post-graduate, graduate, degree or diploma in the disciplines of engineering, technology, agriculture, medicine, natural sciences, social sciences, teaching and other miscellaneous subjects according to the pay ranges with or without experience etc. As the job-opportunities in the private sector are partially covered, the compilation does not reflect the total picture of available employment. However, the collected information gives useful insights on employment opportunities in various sectors and sub sectors of the economy.

I hope, this publication would be of great help to job-seekers, Vocational Guidance Officers, Employment Officers, Counsellors and others engaged in this field. Suggestions for improving the data base and quality of the publication are welcome.

I also place on record my appreciation of the work done by Sh. R.K. Mathur, Dy. Director and the officer & staff of Survey Division under the overall guidance of Sh. P.K. Ray, Dy. Director General (Employment) in preparing and presenting this publication.

Dated: August 2002

(MRS. ASHA MURTY)  
DIRECTOR GENERAL OF EMPLOYMENT & TRAINING/  
JOINT SECRETARY  
MINISTRY OF LABOUR

# **BULLETIN ON JOB-OPPORTUNITIES IN INDIA**

**(D.G.E.& T.)**

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## INTRODUCTION

1. The present issue is the thirty-three (XXXIII) in the series of "Bulletin on Job-opportunities in India" brought out by the Directorate General of Employment & Training (DGE&T) in the Ministry of Labour. The study contains information about Job-opportunities that were available during 1999 for the job-seekers holding post-graduate, graduate degree or diploma in the disciplines of engineering, technology, agriculture, medicine, natural sciences, social sciences, teaching and other miscellaneous subjects.
2. All possible efforts were made to collect the information about Job-opportunities during 1999, advertised by the employers both in the Public and Private Sectors by main recruiting agencies, such as Union Public Service Commission, State Public Service Commissions, Railway Recruitment Boards, Banking Service Recruitment Boards and Staff Selection Commission as well as those notified to Employment Exchanges, including Central Employment Exchange, New Delhi. However, the vacancies, which might have occurred but were not notified to either of the above agencies, could not be taken into account in this study. It is, also, a fact that coverage of vacancies in the Private Sector in most of the States is less.
3. The information presented in this study has been analysed according to various disciplines of studies and sectors of employment, namely Central Government, State Government, Quasi-Government, Local Bodies and Private Sector. Vacancies have also been analysed according to three (Pre revised) pay ranges viz., per-mensem pay upto Rs. 1500, Rs. 1501-2500 and Rs. 2501 & above as by this time recommendations of 5<sup>th</sup> Pay Commission could not be implemented. The vacancies which could not be filled by UPSC & State Public Service Commissions for want of suitable candidates have been presented in Chapter-IX & X.
4. It is hoped that the information contained in this Bulletin will prove useful for students, Vocational Guidance Officers, Counsellors, Career Masters, Universities/Research Institutions, work-seekers and others interested in the various aspects of careers.
5. **Total shown in the write up as well as in different tables may not tally due to rounding.**
6. **The out turn indicated in various paras of the report relates to 127 Universities out of 224 Universities/Institutions. No attempt has been made to estimate out turn for the non responding Universities.**

## **HIGHLIGHTS**

### **Trend in Job opportunities**

1. In all 40514 vacancies notified in 1999 to the Union Public Service Commission, State Public Service Commissions, Railway Recruitment Boards, Banking Service Recruitment Boards and Employment Exchanges including Central Employment Exchange were studied for the purpose of this report.

### **Job-opportunities by Sectors:**

2. The analysis of vacancies notified during 1999 according to various sectors of employment shows that 31% of the vacancies were notified by the Quasi-Government. Central Government notified 26% vacancies. Break-up of vacancies in other sectors was private establishments 22%, State Governments 18%, and Local Bodies 3%.

### **Job-opportunities by Faculties:**

3. The distribution of vacancies notified during 1999 by faculties shows that the maximum 28% of the total vacancies were notified for miscellaneous vacancies for graduates followed by 25% for Engineers, 22% for Social Science & Teaching, 13% for medical personnels, 7% for Natural Scientists, about 4% for Agricultural & allied Scientists and 1% for Technologists.

### **Job-opportunities by Pay-Ranges:**

4. About 42% of the vacancies during 1999 were notified in the lowest pay-range upto Rs. 1500 per month, followed by 36% in the middle pay-range of Rs. 1501-2500 per month and 22% of the job offered in the pay-range of Rs. 2501 and above.

### **Job-opportunities by Experience:**

5. Nearly 56% of the vacancies were open to freshers having no previous work experience during 1999.



**Job-opportunities by States/U.Ts:**

6. Among States/UTs, Maximum share of the vacancies notified during 1999 was 16% of Gujarat, followed by Maharashtra 15%, Delhi 14%, Uttar Pradesh 12%, Andhra Pradesh 7%, Kerala and West Bengal 5% each, Tamil Nadu 4% Madhya Pradesh and Karnataka 3% each, and 2% each for Rajasthan, Orissa and Bihar. Other States/UTs shared rest of the vacancies.

## **CHAPTER-I**

### **JOB-OPPORTUNITIES FOR ENGINEERS**

1.1 Nearly 25% of the total Job-opportunities offered during 1999 were meant for engineering personnel. In all, 9974 vacancies for engineers were notified in 1999 as against 7188 during 1998, recording an increase of 39%. Out of these 9974 vacancies, 3277 were meant for persons holding diploma-level qualifications and 6697 for degree holders in either of the engineering disciplines.

#### **Classification of Vacancies:**

1.2 Engineering vacancies notified during 1999 have been classified under 34 heads. It may, however, be pointed out that such of the vacancy notifications, where the employing establishments failed to mention specific qualification required, and left them in non-classifiable category, have been shown and classified under the head "Engineers-Unspecified". Vacancies meant for combination of two or more allied subjects have been suitably grouped as 'Architecture-Civil, Electrical-Mechanical' & Mechanical-Metallurgical' etc.

#### **Job-opportunities by Branches of Engineering:**

1.3 The study of the vacancies notified during 1999 according to various branches of engineering indicates that out of 9974 vacancies, 30% were meant for those who had specialised in Electronics and Electrical Microwave Communication (including Radio) branch, 16% for Electrical Engineering, 15% for Mechanical, 13% for Civil, 6% for unspecified, 4% for Chemical Engineering and 3% for Electrical/Mechanical Engineering.

#### **Engineering Vacancies by Sectors:**

1.4 An analysis of Engineering vacancies notified during 1999 according to the sector of employing establishments has revealed that 36% of the total vacancies belonged to the Central Govt., 35% to the Quasi-Govt., 22% to the State Govt., establishments 6% to the Private establishments and the remaining 1% to Local Bodies.

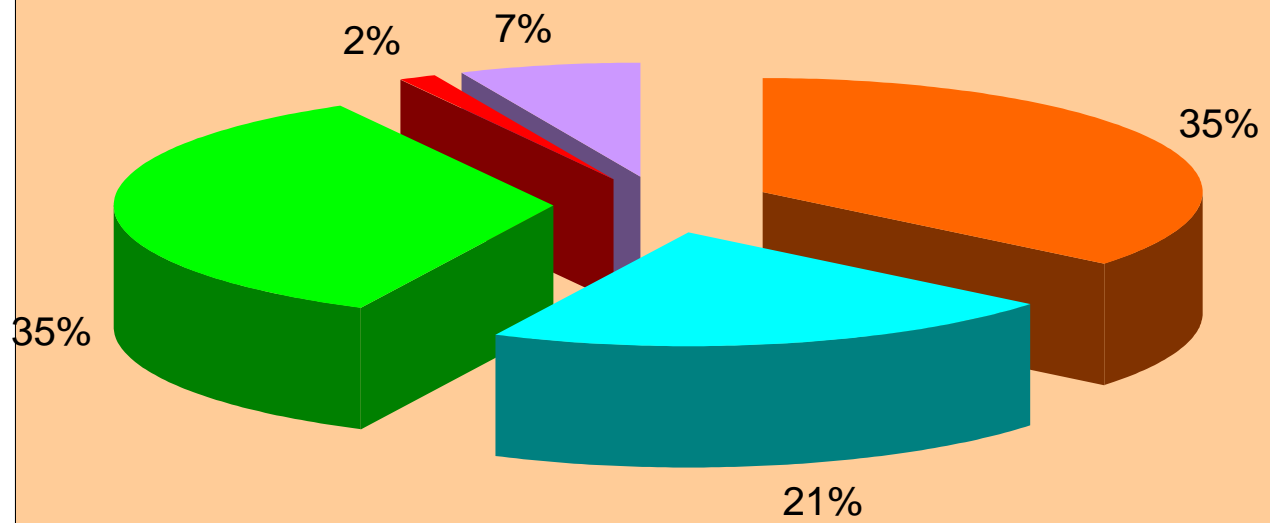
**Engineering Job-offers by Pay-Ranges:**

1.5 Analysis of the Job-offers made to engineers during 1999 according to pay-ranges reveals that majority of the vacancies (44%) were carrying Job-offers in the lowest pay-range upto Rs. 1500 per month, 38% of the jobs offered in the middle pay-range of Rs. 1501-2500 per month and the rest 18% in the highest pay-range of Rs. 2501 and above per month.

**Job-opportunities for Fresh-Engineers:**

1.6 It is interesting to note that out of all the vacancies meant for engineers during 1999, 62% vacancies were offered to freshers having no work-experience. Most of these freshers job-openings belonged to Electronics & Electrical Microwave/Communication (including Radio), Electrical, Mechanical, Civil, Chemical, Electrical/Mechanical disciplines. The following table indicates the distribution of percentage of vacancies for engineering degree and diploma holders with or without work-experience.

## SECTOR-WISE JOB OPPORTUNITIES FOR ENGINEERS DURING 1999



■ CENTRAL GOVT.   ■ STATE GOVT.   ■ QUASI GOVT.  
■ LOCAL BODIES   ■ PRIVATE

**TABLE - 1**  
**Distribution of vacancies for Engineers**

| Qualification levels  | Work experience required | Number of vacancies notified |                 |
|-----------------------|--------------------------|------------------------------|-----------------|
|                       |                          | During the year              |                 |
|                       |                          | 1998                         | 1999            |
| (A) Degree            | With experience          | 1732<br>(24.1)               | 2047<br>(20.5)  |
|                       | Without experience       | 504<br>(7.0)                 | 4650<br>(46.6)  |
|                       | All                      | 2236<br>(31.1)               | 6697<br>(67.1)  |
| (B) Diploma           | With experience          | 3420<br>(47.6)               | 1705<br>(17.1)  |
|                       | Without experience       | 1532<br>(21.3)               | 1572<br>(15.8)  |
|                       | All                      | 4952<br>(68.9)               | 3277<br>(32.9)  |
| Total no of vacancies |                          | 7188<br>(100.0)              | 9974<br>(100.0) |

Note : Figures in brackets represent percentages.

**State-wise Dispersion of Job-opportunities:**

1.7 The study of the Job-opportunities made out of the vacancy notifications of 1999 meant for engineering personnel according to the location of the employing establishments, showed that 20% came from the State of Uttar Pradesh followed by 16% from Delhi, 15% from Maharashtra, 10% from West Bengal, 5% from Kerala and Karnataka each, 4% from Andhra Pradesh, 3% from Bihar, Tamil Nadu, Madhya Pradesh & Orissa each, 2% from Gujarat and Rajasthan each, 1% from Assam, Chandigarh, Punjab, Goa & Daman & Diu.

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Note : Statistical details relating to the year 1999 have been given in the Tables No. 1A, 1B & 1C.

## **CHAPTER- II**

### **JOB-OPPORTUNITIES FOR TECHNOLOGISTS**

2.1 During 1999, 238 vacancies for technologists were notified as against 317 in 1998, reflecting a decrease of 25%.

#### **Classification of Vacancies:**

2.2 The vacancies notified for various technological areas have been classified under 26-heads. The last head of vacancies includes such of the vacancies, where the employing establishments either prescribed certain combination of qualifications or no specific qualification.

#### **Job-opportunities by Branches of Technology :**

2.3 The study of the vacancies notified in 1999 according to various technology areas shows that 25% of the Job-opportunities offered to Textile Technology, followed by 21% other Technological subjects, 11% for the Printing Technology, 6% for the Food and Plastic Technology, 5% for the Leather, 4% for the Chemical, Wood & Timber and 3% for the Pharmaceutical & Fine Chemical Technology.

#### **Technology-Vacancies by Sectors :**

2.4 Analysis of the vacancies offered to the technologists during 1999 according to the sector of employing establishments has revealed that 52% of these Job-opportunities belonged to the Quasi-Government followed by 29% to Central Government, 11% to State Government, 6% to Private establishments and rest 2% shared by Local Bodies.

**Job-offers according to Pay-Range:**

2.5 Analysis of the Job-offers made to technologists in 1999 according to pay-range shows that 38% vacancies belonged to the highest pay-range of Rs. 2501 & above, 35% job-offered between Rs. 1501-2500, and 27% Vacancies covered in the lowest pay-range upto Rs. 1500.

**Job-opportunities for Fresh Technologists:**

2.6 An analysis of the Job-offers made to technologists during 1999 according to the work-experience shows that 37% vacancies were offered to the freshers having no previous work-experience whereas 63% vacancies were offered to persons having some experience. Such fresher job-openings were available to the Printing & Food technology graduates. The following table gives the distribution of vacancies for degree holder technologists with or without work experience.

**TABLE - 2****Distribution of vacancies for Technologists**

| Qualification levels   | Work experience required | Number of vacancies notified during the year |                |
|------------------------|--------------------------|--|----------------|
|                        |                          | 1998   | 1999           |
| Degree                 | With experience          | 214<br>(67.5)                                | 149<br>(62.6)  |
|                        | Without experience       | 103<br>(32.5)                                | 89<br>(37.4)   |
| Total no. of vacancies |                          | 317<br>(100.0)                               | 238<br>(100.0) |

Note : Figures in brackets represent percentages.

**Statewise Dispersion of Job-opportunities:**

2.7 The study of the Job-opportunities offered during 1999 through vacancy notifications meant for technologists by location of the employing establishments reveals that 32% of the Jobs came from Uttar Pradesh, followed by 17% from Maharashtra, 12% from Kerala, 10% from Delhi, 7% from Punjab, 5% from Tamil Nadu, 4% from Rajasthan and 3% from Bihar and West Bengal each. Remaining States shared the residual portion of Jon-opportunities for the technologist.

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Note : Statistical details relating to the year 1999 have been given in the Table Nos. 2A, 2B & 2C.



## CHAPTER- III

### **JOB-OPPORTUNITIES FOR AGRICULTURAL SCIENTISTS**

3.1 During 1999 out of the total 40514 Job-opportunities, 1827 (4.5%) were notified for agricultural & allied scientists, as against 1096 in 1998.

#### **Classification of vacancies:**

3.2 The vacancies notified for agricultural scientists have been classified into 30 broad categories. The thirtieth category, namely "other agricultural subjects" takes care of all such vacancy notifications where the employing establishments did not mention their specific qualification requirements.

#### **Job-opportunities by Branches of Agricultural Sciences:**

3.3 The study of the vacancies notified in 1999 according to branches of agricultural & allied sciences reveals that out of a total of 1827, 17% job-opportunities were shared by Veterinary & Animal Husbandry followed by 16% in Agronomy, 8% in Plant Pathology, 7% in Co-operation and Horticulture, 5% in Agricultural Extension and 4% in Agriculture Soil Science.

#### **Job-opportunities by Sectors of Employers:**

3.4 Analysis of the vacancies notified during 1999 according to the sector of employing establishments indicates that a significant proportion (81%) of the total Job-opportunities were offered by the Quasi Governments, 9% by the Central Government, 4% by the State Governments and 4% by the Private Sector. Local Bodies shared only 2% of the residual Job-opportunities.

#### **Job-offers according to Pay-Ranges:**

3.5 The study of the Job-opportunities notified for agricultural & allied scientists according to pay-ranges reveals that 50% of the total vacancies notified during 1999 belonged to the Middle pay-range of Rs. 1501-2500 per month, 32% to the highest pay-range of Rs. 2501 & above per month. Remaining 18% of the jobs fell in the lowest pay range of upto Rs. 1500 per month.

### **Job-openings for Freshers:**

3.6 It is interesting to find that out of all the vacancies that were meant for the scientists in the fields of agriculture & allied disciplines in 1999, bulk (46.7%) job-openings were meant for those having no previous work-experience. Such Job-opportunities belonged to the branches of veterinary science & animal husbandry, agronomy and co-operation. The distribution of the vacancies in the aforementioned work-experience is indicated in the following table:

**TABLE- 3**  
**Distribution of Vacancies for Agricultural Scientists**

| Qualification level    | Work experience required | No. of vacancies offered during the year |                 |
|------------------------|--------------------------|--|-----------------|
|                        |                          | <b>1998</b>                              | <b>1999</b>     |
| Degree                 | With experience          | 832<br>(75.9)                            | 974<br>(53.3)   |
|                        | Without experience       | 264<br>(24.1)                            | 853<br>(46.7)   |
| Total No. of Vacancies |                          | 1096<br>(100.0)                          | 1827<br>(100.0) |

Note : Figures in brackets represent percentages.

### **Statewise Dispersion of Job-opportunities :**

3.7 Analysis of the Job-opportunities offered during 1999 through vacancy notifications meant for agricultural & allied scientists according to location of the employing establishments shows that 21% of the jobs belonged to the State of Andhra Pradesh followed by 14% to Maharashtra, 10% to Rajasthan, 9% to Delhi and Kerala each, 6% to Uttar Pradesh, 5% to Tamil Nadu, 3% to Haryana, 2% to Jammu & Kashmir and Karnataka each.

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NOTE : Statistical details relating to the year 1999 have been given in the Tables Nos. 3A, 3B & 3C.

## CHAPTER - IV

### **JOB-OPPORTUNITIES FOR MEDICAL PERSONNEL**

#### **Medical Personnel:**

4.1 Out of 40514 vacancies notified during 1999 only 5124 Job-opportunities pertained to the medical personnel as against 2998 in 1998.

#### **Classification of Vacancies:**

4.2 The vacancies notified for medical personnel have been classified into 38 categories. The last category namely, "Medical specialists & unspecified personnel" represents all such vacancies for which the employing establishments did not mention specific specialization & qualification requirements.

#### **Job-opportunities by Branches of Medicine:**

4.3 The study of the vacancies notified in 1999 according to branches of medical sciences reveals that out of total 5124 Job-opportunities meant for medical personnel, 30% belonged to the branch of Nursing, followed by 22% in Allopathic Medicine (MBBS), 9% in Pharmacy, 5% in MD/Ph.D./M.S., Medical Specialists, 3% General surgery and Clinical Pathology & Bacteriology, 2% in Anaesthesia, Ayurvedic, Medical Radiology & Electrology and Paediatrics each.

#### **Job-opportunities by Sectors of Employment:**

4.4 Analysis of the vacancies notified in 1999 according to the sector of employing establishments shows that 42% Job-opportunities for medical personnel came from State Government and 27% from Central Government . Out of the remaining Job-opportunities, establishments of Quasi-Government offered 20%, Local Bodies offered 7% and Private Sector offered 4% only.

#### **Job-offers According to Pay-Ranges:**

4.5 The study of the Job-offers made to the medical personnel according to pay-ranges reveals that 62% of the total vacancies notified during 1999 belonged to the middle pay-range of Rs. 1501-2500 per month and 23% in the lowest pay range upto Rs. 1500 per month and the rest 15% of the jobs in the pay-range of Rs. 2501 & above per month.

**Job-Openings for Freshers:**

4.6 Analysis of the Job-offers made to fresh medical personnel shows that 44% vacancies were offered during 1999. Such job opportunities related to the areas of Nursing, Ayurvedic, Clinical Pathology & Bacteriology, Allopathic Medicine, Pharmacology Medical, Pharmacy, Anaesthesia, forensic Medicine and Medical Radiology & Electrology.

The distribution of vacancies with or without experience are indicated in the following Table:

**TABLE - 4****Distribution of vacancies for Medical Personnel**

| Qualification level    | Required Work experience | No. of Vacancies offered during the year |                 |
|------------------------|--------------------------|--|-----------------|
|                        |                          | 1998                                     | 1999            |
| Degree                 | With experience          | 1803<br>(60.1)                           | 2846<br>(55.5)  |
|                        | Without experience       | 1195<br>(39.9)                           | 2278<br>(44.5)  |
| Total No. of vacancies |                          | 2998<br>(100.0)                          | 5124<br>(100.0) |

Note: Figures in brackets represent percentages.

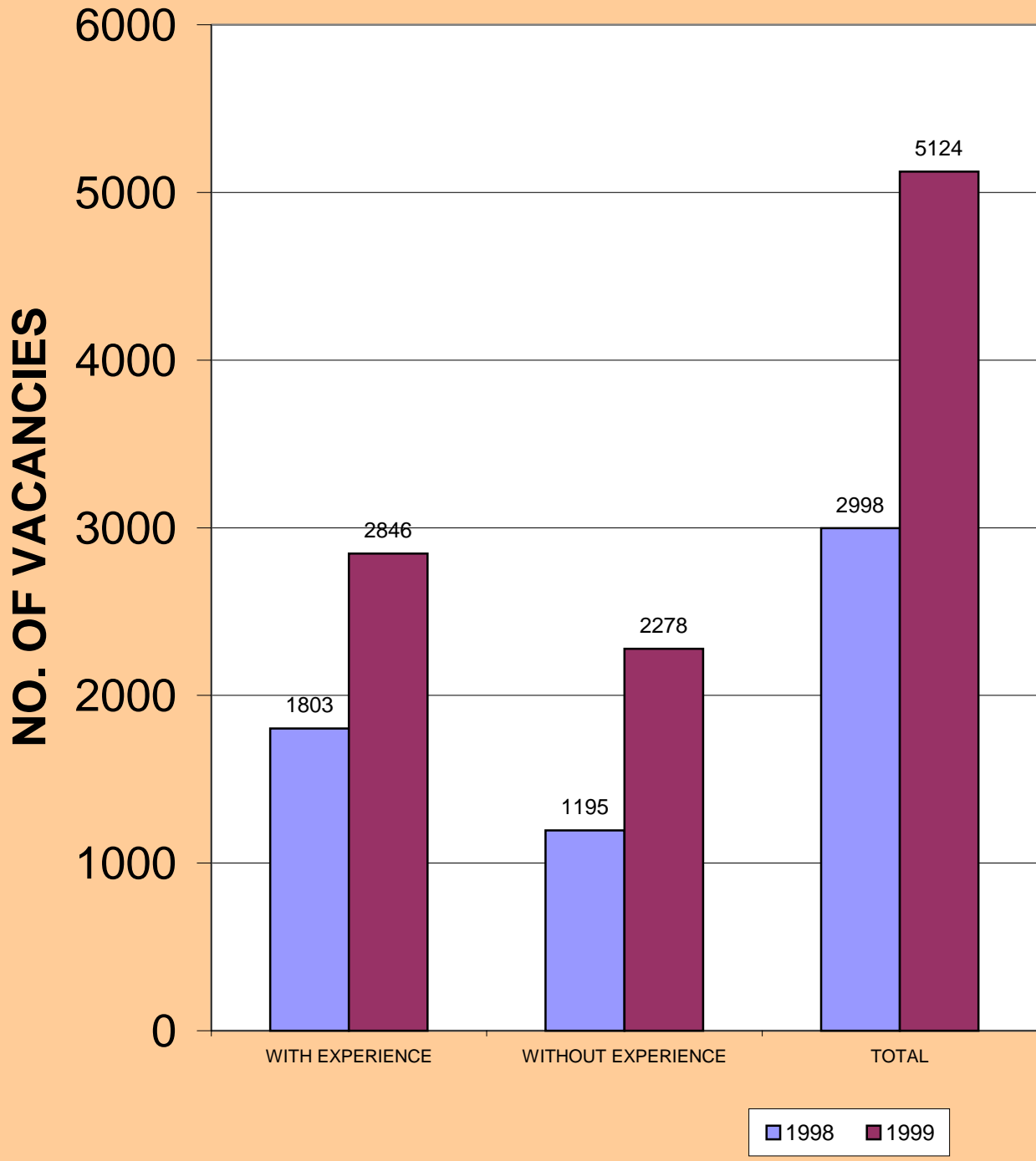
**State-wise Dispersion of Job-opportunities:**

4.7 Analysis of the Job-opportunities offered through vacancy notifications of 1999 to medical personnel according to the location of the employing establishments reveals that 21% of the Job-opportunities came from Delhi and Uttar Pradesh each, followed by 19% from Andhra Pradesh, 11% from Maharashtra, 5% from Chandigarh, 4% from Madhya Pradesh, 3% from West Bengal and 2% from Kerala and Gujarat each. Remaining States shared the residual portion of Job-opportunities.

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NOTE : Statistical details relating to the year 1999 has been given in the Tables Nos. 4A, 4B & 4C.

# JOB OPPORTUNITIES FOR MEDICAL PERSONNEL



## CHAPTER- V

### **JOB-OPPORTUNITIES FOR NATURAL SCIENTISTS:**

5.1 A total of 3136 Job-opportunities for Natural Scientists were notified during 1999, as compared to 2807 in 1998.

### **Classification of Vacancies:**

5.2 The vacancies notified for Natural Scientists have been presented under 24 heads. The last head "Combination of Natural Scientists" includes such vacancies in whose cases the employing establishments have not precisely mentioned the required qualifications.

### **Job-opportunities by Branches of Natural Sciences:**

5.3 The study of the vacancies notified according to branches of natural sciences in 1999 reveals that out of a total of 3136 Job-opportunities, 689 (22%) in combination of Natural Sciences, followed by 18% in Physics, 16% in Chemistry, 8% in combination of Physics, Chemistry & mathematics, 6% in Mathematical Physics, 5% in Botany & Bio-Chemistry and 4% in Biology. It is observed that persons possessing qualifications in Chemistry, Physics and combination of Physics, Chemistry & Mathematics enjoyed more Job-opportunities.

### **Job-opportunities by Sectors of Employers:**

5.4 Analysis of the vacancies according to the sector of employing establishments shows that 50% of the jobs were contributed by the Quasi-Government, 36% Central Government, 7% State Government followed by 6% in Private Sector and 1% in the Local Bodies during 1999.

### **Job-offers According to Pay-Ranges:**

5.5 The study of the Job-offers made to natural scientists according to pay-ranges in 1999 reveals that bulk (53%) of the total vacancies carried monthly salary between Rs. 1501-2500. Of the remaining, 24% offered salary in the highest pay-range of Rs. 2501 & above and 23% in the lowest pay-range upto Rs. 1500 per month.

**Job-opportunities for Freshers:**

5.6 It is encouraging for the fresh job seekers, to observe that 53.6% of the total Job-opportunities during 1999 meant for natural scientists were found as open to the fresh entrants into the world of work having no previous work experience. Such fresh job-openings were meant in the field of Chemistry, Physics, Geology, Applied Physics and combination of Natural Sciences i.e Zoology, Industrial Chemistry, Oceanography, Physics, Biology and Physics, Chemistry & Mathematics.

**TABLE -5****Distribution of vacancies for Natural Scientists**

| Qualification level    | Work experience required | No. of vacancies offered during the year |                 |
|------------------------|--------------------------|--|-----------------|
|                        |                          | 1998                                     | 1999            |
| Degree                 | With experience          | 2007<br>(71.5)                           | 1455<br>(46.4)  |
|                        | Without experience       | 800<br>(28.5)                            | 1681<br>(53.6)  |
| Total no. of vacancies |                          | 2807<br>(100.0)                          | 3136<br>(100.0) |

Note: Figures in brackets represent percentages.

**State-wise Dispersion of Job-opportunities:**

5.7 The Job-opportunities notified for the natural scientists in 1999 according to the location of the employing establishments, analysed by States, show that Delhi had a maximum share of 24%, followed by 18% from Maharashtra, 11% from Uttar Pradesh and Andhra Pradesh each, 6% from West Bengal, 4% from Madhya Pradesh, 2% from Bihar, Karnataka, Kerala, Orissa and Rajasthan each. Other States/U.Ts shared the residual Job-Opportunities.

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NOTE: Statistical details relating to the year 1999 have been given in the Table Nos. 5A, 5B & 5C.

## CHAPTER- VI

### **JOB-OPPORTUNITIES FOR SOCIAL SCIENTISTS & TEACHERS:**

6.1 Out of the total Job-opportunities identified during 1999 Social Scientists & Teachers enjoyed a share of 22.0%. In all 8918 Job-opportunities were meant for such categories of personnel during 1999 as against 9138 in 1998.

### **Classification of Vacancies:**

6.2 The vacancies notified for social scientists & teachers have been classified into 30 heads. The last category of which includes all such vacancies, which were not classifiable under a specific category, as the vacancy notifications did not mention a single & precise qualifications requirement for the post. Hence, the last head shows such combination of social sciences.

### **Job-opportunities by Branches of Social Sciences:**

6.3 The study of Job-opportunities for the year 1999 according to the branches of social sciences shows that 55% of the vacancies were meant for branch of Education/Teaching, Hindi 8%, Languages 5%, English 4%, Law, Literature and Sociology/Social Work/Social Science 3% (each); Psychology and Economics 2% (each) in the stock of vacancies of 1999.

### **Job-opportunities by Sectors of Employers:**

6.4 Analysis of the vacancies according to the sector of employing establishments shows that 28% of the total Job-opportunities in 1999 meant for social scientists and teachers came from Private establishments 24% of these Job-opportunities were contributed by Quasi-Government, 21% by State Government, 19% by Central Government and 8% by Local Bodies.

### **Job-offers According to Pay-Ranges:**

6.5. The study of the Job-offers made to social scientists & teachers during 1999 according to pay-ranges reveals that 36% of the total vacancies were notified in the highest pay-range of Rs. 2501 & above per month, 32% of the job offered in the pay-range between Rs. 1501-2500 and the rest 32% in the lowest pay-range upto Rs. 1500 per month.



**Job-opportunities for Freshers:**

6.6. The job-seekers desirous of entering into the world of work may be encouraged to find that the bulk of the Job-opportunities i.e. 77% were offered in 1999 to the freshers having no previous work experience requirement. Such job opening for freshers in 1999 arose in teaching areas as also in the disciplines like Education/Teaching, English, Hindi, Geography, Languages, Psychology and Mathematics. In 1998, Job-offers for fresher also came up in Education/Teaching, Economics, Languages, Political Science, Mathematical Statistics and combination of Social Science. The distribution of the vacancies with or without experience are shown in the following Table:

**TABLE - 6**  
**Distribution of vacancies for Social Scientists and Teachers**

| Qualification level    | Work experience required | No. of vacancies offered during the year |                 |
|------------------------|--------------------------|--|-----------------|
|                        |                          | 1998                                     | 1999            |
| Degree                 | With experience          | 4750<br>(52.0)                           | 2068<br>(23.2)  |
|                        | Without experience       | 4388<br>(48.0)                           | 6850<br>(76.8)  |
| Total no. of vacancies |                          | 9138<br>(100.0)                          | 8918<br>(100.0) |

Note: Figures in brackets represent percentages

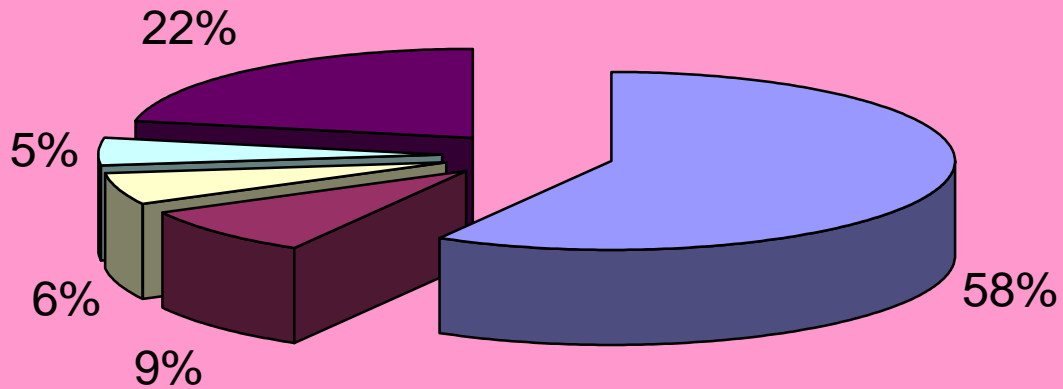
**State-wise Dispersion of Job-opportunities:**

6.7 The job-opportunities notified in 1999 for the social scientists and teachers according to the location of the employing establishments shows that 28% of the Job-opportunities were shared alone by Maharashtra State, followed by Delhi 12%, Tamil Nadu 10%, Uttar Pradesh 9%, Gujarat 8%, Kerala 7%, Andhra Pradesh 6%, West Bengal, Orissa and Himachal Pradesh 2% (each) and other States & Union Territories shared residual Job-opportunities.

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NOTE: Statistical details relating to the year 1999 have been given in the Tables Nos. 6A, 6B & 6C.

## JOB OPPORTUNITIES BY BRANCHES OF SOCIAL SCIENCES DURING 1999



■ EDUCATION/TEACHING

■ HINDI

■ LANGUAGE

■ ENGLISH

■ OTHER SUBJECT

## CHAPTER - VII

### **Job-opportunities for Graduates:**

7.1 This chapter provides a review of the Job-opportunities that emerged out of the vacancy notifications meant for the Honours & Pass course Graduates in the residual disciplines (Arts, Science & Commerce), including Diploma holders not elsewhere covered in the preceding chapters. An attempt has, therefore, been made to give a complete account of all Job-opportunities through the coverage of even miscellaneous vacancies as could be identified from various sources mentioned in the Introductory part of this Bulletin. These miscellaneous areas, inter-alia, include the Job-opportunities in the disciplines such as commercial art, Journalism, library science, company secretaryship, banking, hotel management, catering & nutrition, physical education & Music etc. It is pertinent to mention here that the Graduates can improve their job-prospects after acquiring diplomas in either of the fields enumerated above.

### **Classification of Graduates:**

7.2 The vacancies notified for Graduates have been classified under 25 heads. The last head present the vacancies which were not classifiable under a specific category as the vacancy notifications did not mention clearly the precise qualification required for the post. Hence, the last head includes all such combined nature of unspecified vacancies.

### **Job-opportunities by Branches:**

7.3 The study of the Job-opportunities of 1999 according to the branches/disciplines reveals that the bulk of the vacancies (51%) pertained to other vacancies (unspecified). This share is 72% when compared with jobs offered during 1998.

### **Job-opportunities by Sectors of Employers:**

7.4 Analysis of the vacancies according to sectors of employing establishments indicates that nearly 47% of the total Job-opportunities for Graduates in 1999 were offered by the Private establishments, followed by 26% in Quasi-Government. The Central Government contributed 20% towards the Job-opportunities for graduates. State Government establishments (6%) & Local Bodies with 1% shared rest of the vacancies.

### **Job-o opportunities According to Pay-Ranges:**

7.5 The study of the Job-offers made to Graduates in 1999 in the three pay-ranges reveals that 67% of the total vacancies carried a monthly salary upto Rs. 1500 and 17% Job-offers offered a monthly pay some-where between Rs. 1501-2500. Only 16% of the Job-offers carried an attractive salary above Rs. 2501 & above per month.

### **Job-opportunities for Freshers:**

7.6 It is heartening for the Graduates to note that 42% of the total Job-opportunities of 1999 meant for them did not require any previous work-experience and out of a total of 11297 Job-opportunities as many as 4758 were offered to fresh entrants. These opportunities belonged to the areas such as office work (suitable for pass graduates in Science, Arts & Commerce), Fine Art, Banking, Music, Instrumental, Physical Education and other vacancies (unspecified).

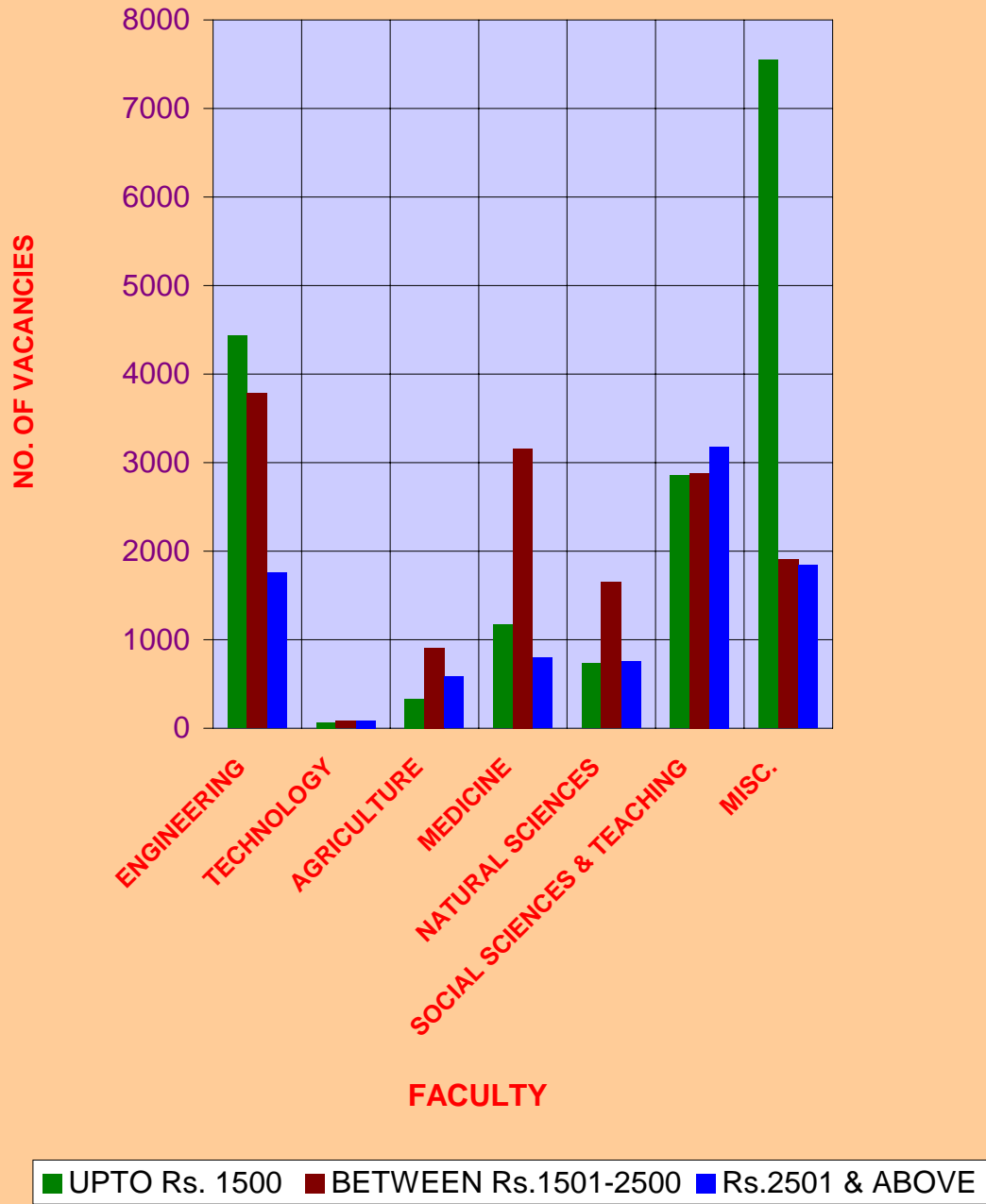
**TABLE - 7**

#### **Distribution of vacancies for Miscellaneous Graduates**

| Qualification level    | Work experience required | No. of vacancies offered during the year |                  |
|------------------------|--------------------------|--|------------------|
|                        |                          | <b>1998</b>                              | <b>1999</b>      |
| Graduate               | With experience          | 4838<br>(51.1)                           | 6539<br>(57.9)   |
|                        | Without experience       | 4638<br>(48.9)                           | 4758<br>(42.1)   |
| Total no. of vacancies |                          | 9476<br>(100.0)                          | 11297<br>(100.0) |

Note : Figures in brackets represent percentages.

## JOB OPPORTUNITIES FOR GRADUATES



**State-wise Dispersion of Job-opportunities:**

7.7 The Job-opportunities notified in 1999 by the employing establishments for Graduates and Diploma holders in miscellaneous categories according to the location indicate that job seekers in Gujarat enjoyed maximum 47% of the total Job-opportunities. Other employers who contributed belonged to the States of Delhi 9%, Maharashtra 7%, Kerala 6%, Uttar Pradesh 5%, Madhya Pradesh 4%, West Bengal 3%, Andhra Pradesh, Karnataka and Goa, Daman & Diu 2% (each). The remaining States/UTs shared the rest of the Job-opportunities.

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NOTE: Statistical details relating to the year 1999 have been given in the Table Nos. 7A, 7B & 7C.

## CHAPTER - VIII

### **SUMMARY AND CONCLUSION:**

8.1 One of the major concerns of the job-seekers; Vocational Guidance Officers; Employment Officers and Man-power Planners in the present economic scenario is to find out areas/disciplines which has significant employment potential as also those areas/occupations in which shortages of manpower are being experienced by the employers so as to guide the youth coming out of the schools/Universities into productive channels of employment. In this direction, the chapters IX & X of this study presents shortage areas/occupations as reported to by various recruiting agencies such as Union Public Service Commission, State Public Service Commission, etc. It is felt that information contained in these chapters would be of immense use to the job-seekers and to all those connected with this field.

### **Analysis of Demand:**

8.2 The present chapter presents a study of demand and supply of University Graduates in the context of current job opportunities notified in the country, besides, presenting principal findings of all faculties discussed in the previous chapters. The demand in terms of vacancies in the fields of engineering & technology, agricultural sciences, medical sciences, natural sciences, social sciences and miscellaneous groups alongwith total out-turn from the Universities & Institutions have also been analysed here in this chapter.

8.3 The study of demand side has been made on the basis of the number of vacancies (meant for graduate & above) notified to various recruiting agencies. This study has taken into account all such vacancies, which were notified in 1999 to Union Public Service Commission, State Public Service Commissions, Railway Recruitment Boards, Banking Service Recruitment Boards, Agricultural Scientists Recruitment Boards and Employment Exchanges including Central Employment Exchange functioning under the Employment Exchanges (Compulsory Notifications of vacancies) Act, 1959. The coverage though very narrow certainly gives a broad picture on demand in the labour market

8.4 The information contained in this study relates to 40514 vacancies notified in 1999. A rising trend in vacancy notifications has been observed in the fields of natural sciences as compared to study in 1998.

8.5 In 1999, maximum 11297 vacancies were referred for Graduates in Miscellaneous categories, comprising 27% of the total vacancies. Other faculties with significant number of vacancies notified were Engineering (24%), Social Science & Teaching 8918 (22%) and Medical 5124 (12%).

8.6 Sector-wise break up of all the vacancies received in the year 1999 shows that the Quasi-Governments reported 12732 (31%) vacancies, followed by Central Government 10318 (26%), Private establishments created 8869 (22%), State Governments 7206 (18%) and Local Bodies 1389 (3%).

8.7 Of the pay-ranges under which all the vacancies were made available in 1999 reveals that there were 17144 (42%) vacancies in the lowest pay-range upto Rs. 1500 per month, 14374 (36%) vacancies in the group of pay between Rs. 1501-2500 per month. 8996 (22%) in the top pay-range of “2501 & above per month”.

8.8 Analysis of the data shows that overwhelming majority of the jobs during 1999 were open to freshers. Out of the total jobs, 22731 (56%) jobs did not require any previous work experience during the year 1999.

8.9 Analysis of vacancies according to States/UTs shows that 6511 (16%) of them were located in Gujarat during 1999. Some other States where bulk vacancies were located during 1999 were 15% in Maharashtra, 14% in Delhi, 12% in Uttar Pradesh, 7% in Andhra Pradesh, 5% in Kerala and West Bengal(each), 4% in Tamil Nadu, 3% in Madhya Pradesh 2% in Karnataka.. The remaining States/U.Ts shared the rest of the Job-opportunities.



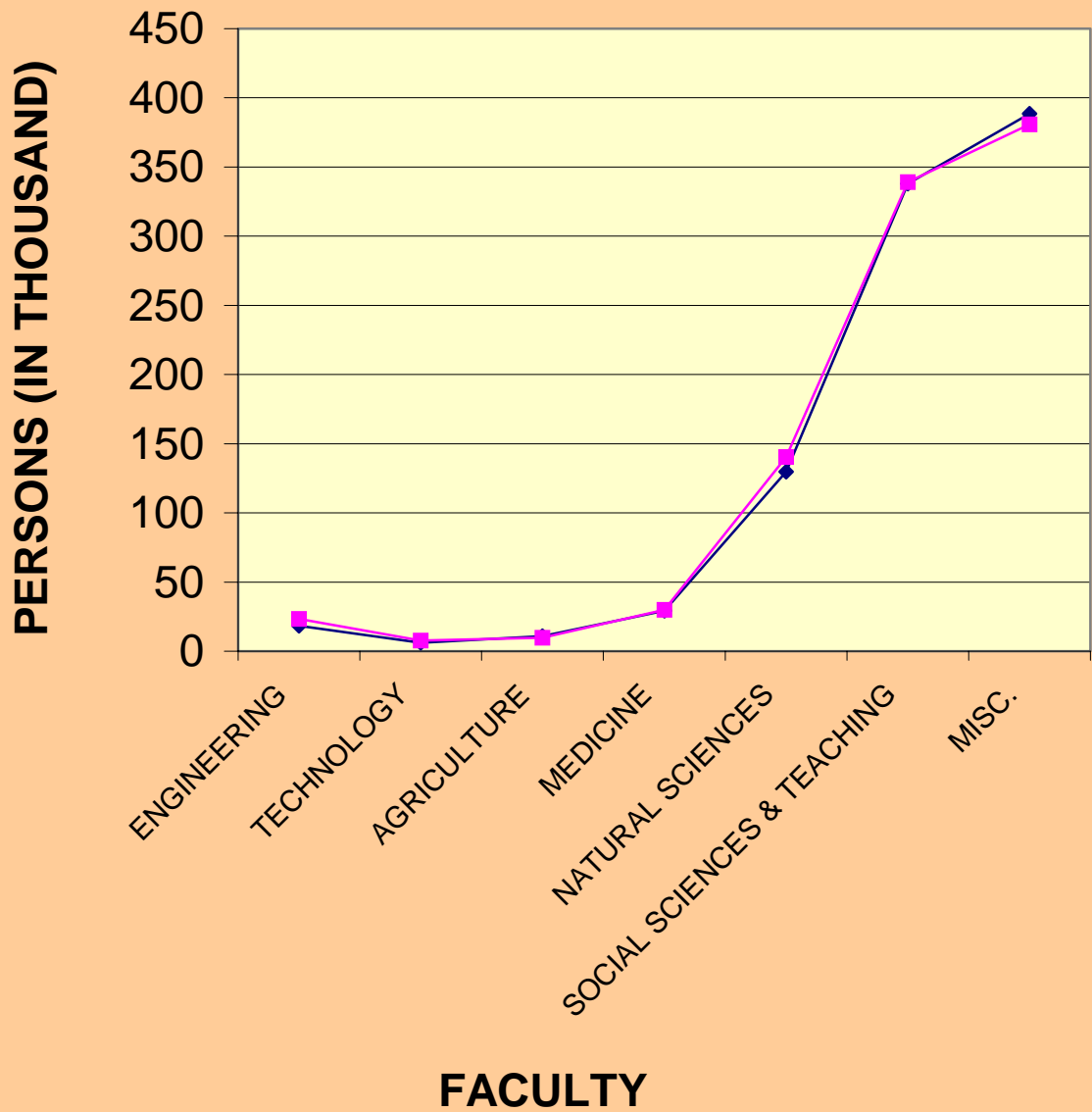
### **Analysis of Supply:**

8.10 To get the information pertaining to the out-turn of Graduates and Post-Graduates (including Diploma or Post-graduate Diploma) during the year 1998, 224 Universities/Institutions (deemed to be Universities) were addressed. Information was received from 127 (57%) Universities/Institutions out of the total of 224. The number of persons passed out Degree/Post -Graduate degree (including Diploma or Post-graduate Diploma) from these 127 Universities were 9,30,613 in 1998 as against 9,20,999 in 1997. This shows an increase in the out-turn to the tune of about 1% percent over the previous year assuming that increase in the non-responding Universities/Institutions will be of same order.

8.11 Analysis shows that there was 24% of increase in Engineering followed by 15% in Technology, 8% Natural Sciences, 2% in Medicine, and 0.4% Social Sciences & Teaching. There was 8% decrease in Agriculture and 2% in Misc. Vacancies for Graduate.

8.12 During the last five years i.e. from 1993 to 1997, the demand in vacancies registered a mixed trend. The rate of out-turn from Universities did not keep pace with the demand in the economy. In fact compared to the out-turn the vacancies notified were practically insignificant.

## FACULTY-WISE NO. OF PERSONS OBTAINED DEGREE & DIPLOMA



—◆— 1997    —■— 1998

**CHAPTER - IX**  
**UNION PUBLIC SERVICE COMMISSION VACANCIES**

9.1 The Union Public Service Commission, located in New Delhi, looks after the task of recruitment for the Government of India. Employing departments of the Central Government refer their requirements of personnel to the U.P.S.C. The posts are advertised in "Employment News" and other leading newspapers as deemed fit by Commission. Selection against the posts is based on test and/ or interview.

9.2 During the year 1999-2000 the Commission held 10 examinations for recruitment to various Civil Services/posts besides conducting 4 examinations for the Defence Services. The number of applications for admission to various examinations held during the year under report were 9,21,787 as against 8,53,996 for the previous year. The number of candidates who appeared at examinations were 4,65,929. Candidates interviewed were 3487 for various Civil Services/posts during 1999-2000 as compared to 4500 during previous year. During the same period 4370 candidates were recommended for appointment to Civil and Defence Service/posts by the Commission.

9.3 As regards posts for which recruitment was made through interview, the Commission received 452 requisitions for 1484 posts during the year under report besides 1917 posts were carried over from previous year making a total of 3401 posts for which requisitions were processed. The number of applications received during the year were 63,815. 4648 candidates were interviewed and 1095 were recommended for appointment to various posts.

9.4 The main groups in which the posts/vacancies were classified for recruitments by Commission were Medical, Engineering, Scientific & Technical, Non-Technical and Teaching. Amongst Non-Technical groups, majority of the posts were meant for Law. Within the Engineering category, Electrical, Mechanical and Architecture had a share. Within the Medical group, vacancies for Medical specialized group took lead and the field of Hair & Skin Care took lead in Scientific & Technical group. Teaching had major share in Medical and Engineering branch in specialized faculties. Details of the examinations and nature of vacancies can be had from the "50<sup>th</sup> Annual Report" published and brought out by the Union Public Service Commission.

## **CHAPTER - X**

### **VACANCIES WHICH COULD NOT BE FILLED BY UPSC, STATE PUBLIC SERVICE COMMISSIONS AND RAILWAY RECRUITMENT BOARDS.**

10.1 During 1999-2000 the Union Public Service Commission, could not find suitable candidates for 116 posts as a result of interview. Of these 116 posts, 10 posts were reserved for candidates belonging to Scheduled Castes, 17 for candidates belonging to the Scheduled Tribes and 53 for Other Backward Classes. The remaining 36 posts were unreserved. The main fields in which suitable candidates belonging to the Scheduled Castes and the Scheduled Tribes could not be found, related to the higher specialisations in Medicine, Science & Engineering, Teaching and Legal Services. Lists of posts for which suitable candidates could not be found by the UPSC during the year 1999-2000 is given in Table No. 9.

10.2 To get the information about advertised vacancies, which could not be filled during the year 1999, State Public Service Commissions, Staff Selection Commission, New Delhi and Railway Recruitment Boards were addressed. The information was received from 22 Commissions/Recruitment Boards namely State Public Service Commissions; Andhra Pradesh, Assam, Gujarat, Haryana, Himachal Pradesh, Kerala, Karnataka, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu, Tripura and Railway Recruitment Boards, Allahabad, Kolkata, Gauhati, Chennai, Secundrabad, Bhopal, Bhuvaneshwar, Jammu and Malda, out of a total of 42 Commissions/Railway Recruitment Boards.

10.3 The State Public Service Commissions, Staff Selection Commission and Railway Recruitment Boards were asked to give reasons for non filling up of posts. One of the main reasons was that sufficient numbers of candidates amongst Scheduled Castes/Tribes were not available as were not found suitable even by relaxed standards. The experienced persons in general categories for some posts could not be found.

10.4 Details of vacancies, designation of posts, qualification prescribed about the vacancies which could not be filled by the State Public Service Commissions and Railway Recruitment Boards during the year 1999 have been given in Table 10.

**TABLE-1A (1999)**

Vacancies for Engineers under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Engineering  | Basic Pay upto Rs. 1500 p.m. |             |             |              |           |
|---------|--|------------------------------|-------------|-------------|--------------|-----------|
|         |  | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt.      |
| 1.      | 2.   | 3.                           | 4.          | 5.          | 6.           | 7.        |
| 1.      | Air-Conditioning and Refrigeration   | 2                            | -           | 2           | -            | -         |
| 2.      | Aeronautical   | 2                            | -           | 103         | -            | -         |
| 3.      | Agricultural   | -                            | -           | 8           | -            | -         |
| 4.      | Aircraft Maintenance   | -                            | -           | -           | -            | -         |
| 5.      | Architecture   | 16                           | -           | 2           | -            | 1         |
| 6.      | Architecture Civil   | 31                           | -           | 2           | -            | -         |
| 7.      | Automobile   | 15                           | 1           | 3           | -            | 3         |
| 8.      | Broadcasting & Television  | -                            | -           | -           | -            | -         |
| 9.      | Civil (including Municipal)  | 384                          | 45          | 47          | 10           | 5         |
| 10.     | Chemical   | 21                           | -           | 19          | -            | -         |
| 11.     | Electrical   | 178                          | 704         | 37          | 25           | 4         |
| 12.     | Electronics & Electrical Microwave/<br>Communication (including Radio)     | 448                          | 507         | 805         | -            | 22        |
| 13.     | Electrical/Mechanical  | 137                          | -           | 14          | 40           | 10        |
| 14.     | Forging & Heat Treatment   | -                            | -           | -           | -            | -         |
| 15.     | Highways & Raods   | -                            | -           | -           | -            | -         |
| 16.     | Hydraulics & Dam   | -                            | -           | -           | -            | -         |
| 17.     | Instrument   | 2                            | -           | 9           | -            | -         |
| 18.     | Internal combustion  | -                            | -           | -           | -            | -         |
| 19.     | Marine   | 5                            | -           | -           | -            | -         |
| 20.     | Machine Tools & Die Sinking  | -                            | -           | -           | -            | -         |
| 21.     | Mechanical   | 416                          | 4           | 60          | 9            | 26        |
| 22.     | Mechanical/Metallurgical   | -                            | 4           | -           | -            | -         |
| 23.     | Metallurgical  | 18                           | 1           | 2           | -            | -         |
| 24.     | Mining   | 1                            | -           | 2           | 1            | -         |
| 25.     | Navel Architecture   | -                            | -           | -           | -            | -         |
| 26.     | Production (Methods, Safety, Planning,<br>Manufacturing & Industrial etc.) | 2                            | -           | 2           | -            | -         |
| 27.     | Public Health  | -                            | -           | -           | -            | -         |
| 28.     | Structural   | -                            | -           | -           | -            | -         |
| 29.     | Soil Mechanics & Foundation  | 52                           | -           | -           | -            | -         |
| 30.     | Sound  | -                            | -           | -           | -            | -         |
| 31.     | Telecommunication/Line Communication<br>(Telephone & Telegraph)            | -                            | -           | 25          | 3            | 5         |
| 32.     | Tool   | -                            | 7           | -           | -            | -         |
| 33.     | Town & Country Planning  | -                            | 2           | -           | -            | -         |
| 34.     | Engineers Unspecified (Branches not<br>specified)                          | 88                           | 4           | 23          | 4            | 1         |
|         | <b>TOTAL</b>   | <b>1818</b>                  | <b>1279</b> | <b>1165</b> | <b>92</b>    | <b>81</b> |

**TABLE-1A (1999 contd..)**

Vacancies for Engineers under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Engineering   | Basic Pay between Rs. 1501-2500 p.m. |             |             |              |            |
|---------|---|--------------------------------------|-------------|-------------|--------------|------------|
|         |   | Central Govt.                        | State Govt. | Quasi Govt. | Local Bodies | Pvt.       |
| 1       | 2   | 8                                    | 9           | 10          | 11           | 12         |
| 1.      | Air-Conditioning and Refrigeration  | -                                    | -           | 1           | -            | -          |
| 2.      | Aeronautical  | 16                                   | -           | 11          | -            | 5          |
| 3.      | Agricultural  | 2                                    | -           | 21          | -            | 1          |
| 4.      | Aircraft Maintenance  | 40                                   | -           | -           | -            | -          |
| 5.      | Architecture  | 32                                   | 13          | 10          | -            | 9          |
| 6.      | Architecture Civil  | 9                                    | -           | -           | -            | -          |
| 7.      | Automobile  | 3                                    | 3           | 3           | 1            | 2          |
| 8.      | Broadcasting & Television   | -                                    | -           | -           | -            | -          |
| 9.      | Civil (including Municipal)   | 245                                  | 16          | 156         | 33           | 28         |
| 10.     | Chemical  | 60                                   | 37          | 202         | -            | 5          |
| 11.     | Electrical  | 254                                  | 92          | 156         | -            | 23         |
| 12.     | Electronics & Electrical Microwave/<br>Communication (including Radio)    | 339                                  | 242         | 376         | -            | 15         |
| 13.     | Electrical/Mechanical   | 73                                   | 6           | 15          | -            | 1          |
| 14.     | Forging & Heat Treatment  | -                                    | -           | -           | -            | -          |
| 15.     | Highways & Raods  | -                                    | -           | -           | -            | -          |
| 16.     | Hydraulics & Dam  | -                                    | -           | 1           | -            | -          |
| 17.     | Instrument  | 10                                   | 2           | 17          | -            | -          |
| 18.     | Internal combustion   | -                                    | -           | 1           | -            | 5          |
| 19.     | Marine  | -                                    | -           | -           | -            | -          |
| 20.     | Machine Tools & Die Sinking   | -                                    | -           | 1           | -            | -          |
| 21.     | Mechanical  | 334                                  | 40          | 179         | -            | 27         |
| 22.     | Mechanical/Metallurgical  | 9                                    | -           | -           | 4            | 22         |
| 23.     | Metallurgical   | 34                                   | -           | 35          | -            | 1          |
| 24.     | Mining  | 9                                    | -           | 90          | -            | 8          |
| 25.     | Navel Architecture  | 21                                   | -           | -           | -            | -          |
| 26.     | Production (Methods, Safety, Planning<br>Manufacturing & Industrial etc.) | 6                                    | 7           | 42          | -            | -          |
| 27.     | Public Health   | -                                    | -           | -           | -            | 4          |
| 28.     | Structural  | -                                    | -           | -           | -            | -          |
| 29.     | Soil Mechanics & Foundation   | -                                    | 2           | 13          | -            | -          |
| 30.     | Sound   | -                                    | -           | 1           | -            | -          |
| 31.     | Telecommunication/Line Communicat<br>(Telephone & Telegraph               | 54                                   | -           | 2           | -            | -          |
| 32.     | Tool  | -                                    | -           | 1           | -            | 20         |
| 33.     | Town & Country Planning   | 6                                    | -           | -           | -            | -          |
| 34.     | Engineers Unspecified (Branches not<br>specified)                         | 40                                   | 100         | 46          | -            | 34         |
|         | <b>TOTAL</b>  | <b>1596</b>                          | <b>560</b>  | <b>1380</b> | <b>38</b>    | <b>210</b> |

**TABLE-1A (1999 contd..)**

Vacancies for Engineers under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Engineering  | Basic Pay Rs. 2501 and above p.m. |             |             |              |            |                      |
|---------|--|-----------------------------------|-------------|-------------|--------------|------------|----------------------|
|         |  | Central Govt.                     | State Govt. | Quasi Govt. | Local Bodies | Pvt.       | Total of Cols.(3-17) |
| 1       | 2  | 13                                | 14          | 15          | 16           | 17         | 18                   |
| 1.      | Air-Conditioning and Refrigeration   | -                                 | -           | -           | -            | -          | 5                    |
| 2.      | Aeronautical   | 9                                 | -           | 10          | -            | -          | 156                  |
| 3.      | Agricultural   | -                                 | -           | 12          | -            | -          | 44                   |
| 4.      | Aircraft Maintenance   | -                                 | -           | -           | -            | -          | 40                   |
| 5.      | Architecture   | 2                                 | 3           | 9           | -            | -          | 97                   |
| 6.      | Architecture Civil   | -                                 | -           | -           | -            | -          | 42                   |
| 7.      | Automobile   | -                                 | 1           | -           | 1            | -          | 36                   |
| 8.      | Broadcasting & Television  | -                                 | -           | -           | -            | -          | -                    |
| 9.      | Civil (including Municipal)  | 19                                | 94          | 153         | 9            | 9          | 1253                 |
| 10.     | Chemical   | 1                                 | 10          | 76          | 4            | 7          | 408                  |
| 11.     | Electrical   | 9                                 | 6           | 31          | -            | 37         | 1590                 |
| 12.     | Electronics & Electrical Microwave/<br>Communication (including Radio)     | 23                                | 55          | 199         | 1            | 9          | 3041                 |
| 13.     | Electrical/Mechanical  | 3                                 | 9           | -           | -            | 22         | 330                  |
| 14.     | Forging & Heat Treatment   | 6                                 | -           | -           | -            | -          | 6                    |
| 15.     | Highways & Raods   | -                                 | 1           | -           | -            | -          | 1                    |
| 16.     | Hydraulics & Dam   | -                                 | -           | -           | -            | -          | 1                    |
| 17.     | Instrument   | -                                 | 23          | 5           | -            | -          | 68                   |
| 18.     | Internal combustion  | -                                 | -           | -           | -            | -          | 6                    |
| 19.     | Marine   | 13                                | -           | 3           | -            | -          | 21                   |
| 20.     | Machine Tools & Die Sinking  | -                                 | 1           | -           | -            | -          | 2                    |
| 21.     | Mechanical   | 12                                | 59          | 241         | 6            | 68         | 1481                 |
| 22.     | Mechanical/Metallurgical   | 1                                 | 2           | -           | -            | 6          | 52                   |
| 23.     | Metallurgical  | -                                 | 2           | 12          | -            | -          | 105                  |
| 24.     | Mining   | 18                                | -           | 17          | -            | 1          | 147                  |
| 25.     | Navel Architecture   | 1                                 | -           | 2           | -            | -          | 24                   |
| 26.     | Production (Methods, Safety, Planning,<br>Manufacturing & Industrial etc.) | 2                                 | 1           | 25          | -            | 1          | 88                   |
| 27.     | Public Health  | -                                 | 21          | -           | -            | -          | 25                   |
| 28.     | Structural   | -                                 | -           | -           | -            | -          | -                    |
| 29.     | Soil Mechanics & Foundation  | -                                 | 2           | 10          | -            | -          | 79                   |
| 30.     | Sound  | 2                                 | -           | 1           | -            | -          | 4                    |
| 31.     | Telecommunication/Line Communication<br>(Telephone & Telegraph)            | 6                                 | -           | 5           | -            | 38         | 138                  |
| 32.     | Tool   | -                                 | -           | -           | -            | -          | 28                   |
| 33.     | Town & Country Planning  | 1                                 | -           | -           | -            | -          | 9                    |
| 34.     | Engineers Unspecified (Branches not<br>specified)                          | 22                                | 13          | 108         | 1            | 163        | 647                  |
|         | <b>TOTAL</b>   | <b>150</b>                        | <b>303</b>  | <b>919</b>  | <b>22</b>    | <b>361</b> | <b>9974</b>          |

**TABLE-1B**

Vacancies for Engineers (Degree/Diploma Holders) according to work-experience during 1999.

| Sl. No. | Branches of Engineering  | Vacancies during 1999 |              |                |              |             |              |       |
|---------|--|-----------------------|--------------|----------------|--------------|-------------|--------------|-------|
|         |  | Diploma Holders       |              | Degree Holdres |              | Grand Total |              |       |
|         |  | With Exp.             | Without Exp. | With Exp.      | Without Wxp. | With Exp.   | Without Exp. | Total |
| 1       | 2  | 3                     | 4            | 5              | 6            | 7           | 8            | 9     |
| 1.      | Air-Conditioning and Refrigeration   | 2                     | 1            | 2              | -            | 4           | 1            | 5     |
| 2.      | Aeronautical   | 22                    | 3            | 27             | 104          | 49          | 107          | 156   |
| 3.      | Agricultural   | 7                     | -            | 10             | 27           | 17          | 27           | 44    |
| 4.      | Aircraft Maintenance   | -                     | 24           | 16             | -            | 16          | 24           | 40    |
| 5.      | Architecture   | 3                     | 11           | 59             | 24           | 62          | 35           | 97    |
| 6.      | Architecture Civil   | 10                    | 14           | 17             | 1            | 27          | 15           | 42    |
| 7.      | Automobile   | 13                    | 12           | 6              | 5            | 19          | 17           | 36    |
| 8.      | Broadcasting & Television  | -                     | -            | -              | -            | -           | -            | -     |
| 9.      | Civil (including Municipal)  | 246                   | 376          | 223            | 408          | 469         | 784          | 1253  |
| 10.     | Chemical   | 73                    | 145          | 122            | 68           | 195         | 213          | 408   |
| 11.     | Electrical   | 149                   | 198          | 160            | 1083         | 309         | 1281         | 1590  |
| 12.     | Electronics & Electrical Microwave/<br>Communication (including Radio)     | 745                   | 116          | 579            | 1601         | 1324        | 1717         | 3041  |
| 13.     | Electrical/Mechanical  | 44                    | 37           | 69             | 180          | 113         | 217          | 330   |
| 14.     | Foreging & Heat Treatment  | -                     | -            | 6              | -            | 6           | -            | 6     |
| 15.     | Highways & Raods   | -                     | -            | -              | 1            | -           | 1            | 1     |
| 16.     | Hydraulics & Dam   | -                     | -            | -              | 1            | -           | 1            | 1     |
| 17.     | Instrument   | 4                     | 11           | 8              | 45           | 12          | 56           | 68    |
| 18.     | Internal combustion  | -                     | -            | 1              | 5            | 1           | 5            | 6     |
| 19.     | Marine   | 2                     | -            | 14             | 5            | 16          | 5            | 21    |
| 20.     | Machine Tools & Die Sinking  | -                     | 1            | 1              | -            | 1           | 1            | 2     |
| 21.     | Mechanical   | 202                   | 460          | 427            | 392          | 629         | 852          | 1481  |
| 22.     | Mechanical/Metallurgical   | 1                     | 4            | 23             | 24           | 24          | 28           | 52    |
| 23.     | Metallurgical  | 12                    | 2            | 45             | 46           | 57          | 48           | 105   |
| 24.     | Mining   | 92                    | -            | 34             | 21           | 126         | 21           | 147   |
| 25.     | Navel Architecture   | 1                     | -            | 3              | 20           | 4           | 20           | 24    |
| 26.     | Production (Methods, Safety, Planning,<br>Manufacturing & Industrial etc.) | 20                    | 7            | 48             | 13           | 68          | 20           | 88    |
| 27.     | Public Health  | -                     | -            | -              | 25           | -           | 25           | 25    |
| 28.     | Structural   | -                     | -            | -              | -            | -           | -            | -     |
| 29.     | Soil Mechanics & Foundation  | 2                     | -            | 1              | 76           | 3           | 76           | 79    |
| 30.     | Sound  | -                     | 3            | -              | 1            | -           | 4            | 4     |
| 31.     | Telecommunication/Line Communication<br>(Telephone & Telegraph             | 23                    | 61           | 6              | 48           | 29          | 109          | 138   |
| 32.     | Tool   | 7                     | -            | 4              | 17           | 11          | 17           | 28    |
| 33.     | Town & Country Planning  | 1                     | 2            | 7              | -            | 7           | 2            | 9     |
| 34.     | Engineers Unspecified (Branches not<br>specified)                          | 25                    | 84           | 129            | 409          | 154         | 493          | 647   |
|         | <b>TOTAL</b>   | 1705                  | 1572         | 2047           | 4650         | 3752        | 6222         | 9974  |



**TABLE-IC**

State-wise and Sector-wise Vacancies for Engineer during 1999.

| Sl. No. | State/Uts                          | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Tota |
|---------|------------------------------------|---------------|-------------|-------------|--------------|------|-------|---------------|
| 1       | 2                                  | 3             | 4           | 5           | 6            | 7    | 8     | 9             |
| 1.      | Andaman & Nicobar                  | 4             | -           | 1           | -            | -    | 5     | 0.05          |
| 2.      | Andhra Pradesh                     | 181           | 17          | 205         | -            | 3    | 406   | 4.07          |
| 3.      | Arunachal Pradesh                  | -             | -           | 1           | -            | -    | 1     | 0.01          |
| 4.      | Assam                              | 127           | -           | 44          | -            | -    | 171   | 1.72          |
| 5.      | Bihar                              | 56            | 5           | 56          | 74           | 91   | 282   | 2.83          |
| 6.      | Chandigarh                         | 90            | 10          | 17          | -            | -    | 117   | 1.17          |
| 7.      | Chhattisgarh                       | -             | -           | -           | -            | -    | -     | -             |
| 8.      | Dadra & Nagar Haveli               | -             | 1           | -           | -            | -    | 1     | 0.01          |
| 9.      | Delhi                              | 818           | 86          | 680         | -            | 3    | 1587  | 15.91         |
| 10.     | Goa, Daman & Diu                   | 23            | 40          | 16          | -            | 37   | 116   | 1.16          |
| 11.     | Gujarat                            | 35            | 2           | 76          | 6            | 134  | 253   | 2.54          |
| 12.     | Haryana                            | 3             | 21          | 56          | -            | 7    | 87    | 0.87          |
| 13.     | Himachal Pradesh                   | 1             | -           | 5           | -            | -    | 6     | 0.06          |
| 14.     | Jammu & Kashmir                    | 16            | -           | -           | -            | -    | 16    | 0.16          |
| 15.     | Jharkhand                          | -             | -           | -           | -            | -    | -     | -             |
| 16.     | Karnataka                          | 124           | 52          | 212         | -            | 92   | 480   | 4.81          |
| 17.     | Kerala                             | 64            | 189         | 227         | 3            | 1    | 484   | 4.85          |
| 18.     | Lakshadweep                        | 1             | -           | 5           | -            | -    | 6     | 0.06          |
| 19.     | Madhya Pradesh                     | 271           | 31          | 39          | -            | -    | 341   | 3.42          |
| 20.     | Maharashtra                        | 399           | 36          | 734         | 66           | 249  | 1484  | 14.88         |
| 21.     | Manipur                            | 1             | -           | 4           | -            | -    | 5     | 0.05          |
| 22.     | Meghalaya                          | -             | 1           | 1           | -            | -    | 2     | 0.02          |
| 23.     | Mizoram                            | -             | 7           | -           | -            | -    | 7     | 0.07          |
| 24.     | Nagaland                           | 2             | -           | 2           | -            | -    | 4     | 0.04          |
| 25.     | Orissa                             | 154           | -           | 118         | -            | -    | 272   | 2.73          |
| 26.     | Pondicherry                        | 1             | 15          | -           | -            | -    | 16    | 0.16          |
| 27.     | Punjab                             | 22            | 1           | 137         | -            | -    | 160   | 1.60          |
| 28.     | Rajasthan                          | 145           | 8           | 81          | -            | -    | 234   | 2.35          |
| 29.     | Sikkim                             | -             | -           | -           | -            | -    | -     | -             |
| 30.     | Tamil Nadu                         | 100           | 2           | 218         | 3            | 18   | 341   | 3.42          |
| 31.     | Tripura                            | -             | -           | -           | -            | -    | -     | -             |
| 32.     | Uttar Pradesh                      | 218           | 1614        | 199         | -            | 9    | 2040  | 20.45         |
| 33.     | Uttranchal                         | -             | -           | -           | -            | -    | -     | -             |
| 34.     | West Bengal                        | 705           | 4           | 321         | -            | 8    | 1038  | 10.41         |
| 35.     | * State-wise breakup not available | 3             | -           | 9           | -            | -    | 12    | 0.12          |
|         | <b>TOTAL</b>                       | 3564          | 2142        | 3464        | 152          | 652  | 9974  | 100.00        |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.

**TABLE-2A (1999)**

Vacancies for Technologists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Technology          | Basic Pay upto Rs. 1500 p.m. |             |             |              |      |
|---------|---------------------------------|------------------------------|-------------|-------------|--------------|------|
|         |                                 | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                              | 3.                           | 4           | 5           | 6            | 7.   |
| 1.      | Alcohol                         | -                            | -           | -           | -            | -    |
| 2.      | Ceramic                         | -                            | -           | -           | -            | -    |
| 3.      | Chemical                        | -                            | -           | -           | -            | -    |
| 4.      | Fiber                           | -                            | -           | -           | -            | -    |
| 5.      | Food                            | -                            | -           | -           | -            | -    |
| 6.      | Glass                           | -                            | -           | -           | -            | -    |
| 7.      | Fuel                            | 5                            | -           | -           | -            | -    |
| 8.      | Hosiery                         | -                            | -           | -           | -            | -    |
| 9.      | Intermediate & Dyes             | -                            | -           | -           | -            | 2    |
| 10.     | Jute                            | -                            | -           | -           | -            | -    |
| 11.     | Leather                         | -                            | -           | -           | -            | -    |
| 12.     | Oil, Fats & Waxes               | 3                            | -           | -           | -            | -    |
| 13.     | Paper                           | -                            | -           | -           | -            | 1    |
| 14.     | Paints, Pigments & Varnishes    | -                            | -           | -           | -            | -    |
| 15.     | Petroleum                       | -                            | -           | -           | -            | -    |
| 16.     | Pharmaceutical & Fine Chemicals | -                            | -           | -           | -            | -    |
| 17.     | Plastics                        | -                            | -           | -           | -            | -    |
| 18.     | Printing                        | 3                            | 1           | 3           | -            | -    |
| 19.     | Rubber                          | -                            | -           | -           | -            | -    |
| 20.     | Silicate                        | -                            | -           | -           | -            | -    |
| 21.     | Suger                           | -                            | -           | -           | -            | -    |
| 22.     | Textile                         | 27                           | -           | 3           | -            | 2    |
| 23.     | Textile, Chemistry              | -                            | -           | -           | -            | -    |
| 24.     | Textile, Dyeing & Painting      | -                            | -           | -           | -            | -    |
| 25.     | Wood and Timber                 | -                            | -           | -           | -            | -    |
| 26.     | Other Technological Subjects    | 8                            | -           | 7           | -            | -    |
|         | <b>TOTAL</b>                    | 46                           | 1           | 13          | -            | 5    |

**TABLE-2A (1999 cont..)**

Vacancies for Technologists under various sectors by Pay-ranges during 1999.

| Sl. No.      | Branches of Technology          | Basic pay between Rs. 1501-2500 p.m |             |             |              |          |
|--------------|---------------------------------|-------------------------------------|-------------|-------------|--------------|----------|
|              |                                 | Central Govt.                       | State Govt. | Quasi Govt. | Local Bodies | Pvt.     |
| 1.           | 2.                              | 8                                   | 9           | 10          | 11           | 12       |
| 1.           | Alcohol                         | -                                   | -           | -           | -            | -        |
| 2.           | Ceramic                         | -                                   | -           | 5           | -            | -        |
| 3.           | Chemical                        | -                                   | -           | 5           | -            | -        |
| 4.           | Fiber                           | -                                   | -           | -           | -            | -        |
| 5.           | Food                            | -                                   | -           | 7           | -            | 3        |
| 6.           | Glass                           | -                                   | -           | 1           | -            | -        |
| 7.           | Fuel                            | -                                   | -           | -           | -            | -        |
| 8.           | Hosiery                         | -                                   | -           | -           | -            | -        |
| 9.           | Intermediate & Dyes             | -                                   | -           | -           | -            | -        |
| 10.          | Jute                            | -                                   | -           | -           | -            | -        |
| 11.          | Leather                         | 7                                   | -           | -           | -            | -        |
| 12.          | Oil, Fats & Waxes               | -                                   | -           | 1           | -            | -        |
| 13.          | Paper                           | -                                   | -           | -           | -            | -        |
| 14.          | Paints, Pigments & Varnishes    | -                                   | -           | -           | -            | -        |
| 15.          | Petroleum                       | -                                   | -           | 2           | -            | -        |
| 16.          | Pharmaceutical & Fine Chemicals | -                                   | -           | 4           | -            | -        |
| 17.          | Plastics                        | -                                   | -           | 4           | -            | -        |
| 18.          | Printing                        | 6                                   | 5           | -           | -            | 4        |
| 19.          | Rubber                          | -                                   | -           | -           | -            | -        |
| 20.          | Silicate                        | -                                   | -           | -           | -            | -        |
| 21.          | Suger                           | -                                   | -           | -           | -            | -        |
| 22.          | Textile                         | 7                                   | 1           | 7           | -            | -        |
| 23.          | Textile, Chemistry              | 2                                   | -           | 1           | -            | -        |
| 24.          | Textile, Dyeing & Painting      | -                                   | -           | -           | -            | -        |
| 25.          | Wood and Timber                 | -                                   | -           | -           | -            | -        |
| 26.          | Other Technological Subjects    | 1                                   | 1           | 9           | -            | 1        |
| <b>TOTAL</b> |                                 | <b>23</b>                           | <b>7</b>    | <b>46</b>   | <b>-</b>     | <b>8</b> |

**TABLE-2A (1999 cont..)**

Vacancies for Technologists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Technology          | Basic pay Rs. 2501 and above |             |             |              |          | Total of Cols (3-17) |
|---------|---------------------------------|------------------------------|-------------|-------------|--------------|----------|----------------------|
|         |                                 | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt.     |                      |
| 1.      | 2.                              | 13                           | 14          | 15          | 16           | 17       | 18                   |
| 1.      | Alcohol                         | -                            | -           | -           | -            | -        | -                    |
| 2.      | Ceramic                         | -                            | -           | 1           | -            | -        | 6                    |
| 3.      | Chemical                        | -                            | -           | 4           | -            | -        | 9                    |
| 4.      | Fiber                           | -                            | -           | 3           | -            | -        | 3                    |
| 5.      | Food                            | 1                            | -           | 3           | -            | 1        | 15                   |
| 6.      | Glass                           | -                            | -           | -           | -            | -        | 6                    |
| 7.      | Fuel                            | -                            | -           | -           | -            | -        | -                    |
| 8.      | Hosiery                         | -                            | -           | -           | -            | -        | 2                    |
| 9.      | Intermediate & Dyes             | -                            | 1           | -           | -            | -        | 1                    |
| 10.     | Jute                            | -                            | -           | -           | -            | -        | -                    |
| 11.     | Leather                         | -                            | -           | 3           | -            | -        | 13                   |
| 12.     | Oil, Fats & Waxes               | -                            | -           | 3           | -            | -        | 4                    |
| 13.     | Paper                           | -                            | -           | -           | -            | -        | 1                    |
| 14.     | Paints, Pigments & Varnishes    | -                            | -           | 1           | -            | -        | 1                    |
| 15.     | Petroleum                       | -                            | -           | -           | -            | -        | 2                    |
| 16.     | Pharmaceutical & Fine Chemicals | -                            | -           | 3           | -            | -        | 7                    |
| 17.     | Plastics                        | -                            | -           | 11          | -            | -        | 15                   |
| 18.     | Printing                        | -                            | 1           | 3           | -            | -        | 26                   |
| 19.     | Rubber                          | -                            | -           | 2           | -            | -        | 2                    |
| 20.     | Silicate                        | -                            | -           | -           | -            | -        | -                    |
| 21.     | Suger                           | -                            | -           | -           | -            | -        | -                    |
| 22.     | Textile                         | -                            | 1           | 13          | -            | -        | 61                   |
| 23.     | Textile, Chemistry              | -                            | -           | 1           | -            | -        | 4                    |
| 24.     | Textile, Dyeing & Painting      | -                            | -           | -           | -            | -        | -                    |
| 25.     | Wood and Timber                 | -                            | -           | 10          | -            | -        | 10                   |
| 26.     | Other Technological Subjects    | -                            | 14          | 5           | 4            | -        | 50                   |
|         | <b>TOTAL</b>                    | <b>1</b>                     | <b>17</b>   | <b>66</b>   | <b>4</b>     | <b>1</b> | <b>238</b>           |

**TABLE-2B**

Vacancies for Technologists according to work-experience during 1999.

| Sl. No. | Branches of Technology          | Vacancies for Technologists during 1999. |                    |            |
|---------|---------------------------------|--|--------------------|------------|
|         |                                 | With Experience                          | Without Experience | Total      |
| 1.      | 2.                              | 3  | 4                  | 5          |
| 1.      | Alcohol                         | -  | -                  | -          |
| 2.      | Ceramic                         | 3  | 3                  | 6          |
| 3.      | Chemical                        | 5  | 4                  | 9          |
| 4.      | Fiber                           | 1  | 2                  | 3          |
| 5.      | Food                            | 8  | 7                  | 15         |
| 6.      | Glass                           | 1  | 5                  | 6          |
| 7.      | Fuel                            | -  | -                  | -          |
| 8.      | Hosiery                         | -  | 2                  | 2          |
| 9.      | Intermediate & Dyes             | -  | 1                  | 1          |
| 10.     | Jute                            | -  | -                  | -          |
| 11.     | Leather                         | 13                                       | -                  | 13         |
| 12.     | Oil, Fats & Waxes               | 1  | 3                  | 4          |
| 13.     | Paper                           | -  | 1                  | 1          |
| 14.     | Paints, Pigments & Varnishes    | 1  | -                  | 1          |
| 15.     | Petroleum                       | 2  | -                  | 2          |
| 16.     | Pharmaceutical & Fine Chemicals | -  | 7                  | 7          |
| 17.     | Plastics                        | 72                                       | 3                  | 15         |
| 18.     | Printing                        | 11                                       | 15                 | 26         |
| 19.     | Rubber                          | 2  | -                  | 2          |
| 20.     | Silicate                        | -  | -                  | -          |
| 21.     | Suger                           | -  | -                  | -          |
| 22.     | Textile                         | 52                                       | 9                  | 61         |
| 23.     | Textile, Chemistry              | 2  | 2                  | 4          |
| 24.     | Textile, Dyeing & Painting      | -  | -                  | -          |
| 25.     | Wood and Timber                 | 10                                       | -                  | 10         |
| 26.     | Other Technological Subjects    | 25                                       | 25                 | 50         |
|         | <b>TOTAL</b>                    | <b>149</b>                               | <b>89</b>          | <b>238</b> |

**TABLE-2C**

State-wise and Sector-wise vacancies for Technologist during 1999.

| Sl. No. | State/Uts                          | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Total |
|---------|------------------------------------|---------------|-------------|-------------|--------------|------|-------|----------------|
| 1       | 2                                  | 3             | 4           | 5           | 6            | 7    | 8     | 9              |
| 1.      | Andaman & Nicobar                  | -             | -           | -           | -            | -    | -     | -              |
| 2.      | Andhra Pradesh                     | 1             | 2           | 3           | -            | -    | 6     | 2.52           |
| 3.      | Arunachal Pradesh                  | -             | -           | -           | -            | -    | -     | -              |
| 4.      | Assam                              | -             | -           | 3           | -            | -    | 3     | 1.26           |
| 5.      | Bihar                              | -             | -           | 7           | -            | -    | 7     | 2.94           |
| 6.      | Chandigarh                         | -             | -           | -           | -            | -    | -     | -              |
| 7.      | Chhattisgarh                       | -             | -           | -           | -            | -    | -     | -              |
| 8.      | Dadra & Nagar Haveli               | -             | -           | -           | -            | -    | -     | -              |
| 9.      | Delhi                              | 18            | 3           | 4           | -            | -    | 25    | 10.51          |
| 10.     | Goa, Daman & Diu                   | -             | -           | -           | -            | -    | -     | -              |
| 11.     | Gujarat                            | -             | -           | 2           | -            | 1    | 3     | 1.26           |
| 12.     | Haryana                            | -             | -           | 1           | -            | -    | 1     | 0.42           |
| 13.     | Himachal Pradesh                   | -             | -           | -           | -            | -    | -     | -              |
| 14.     | Jammu & Kashmir                    | -             | -           | -           | -            | -    | -     | -              |
| 15.     | Jharkhand                          | -             | -           | -           | -            | -    | -     | -              |
| 16.     | Karnataka                          | 1             | -           | -           | -            | -    | 1     | 0.42           |
| 17.     | Kerala                             | -             | 15          | 10          | 4            | -    | 29    | 12.19          |
| 18.     | Lakshadweep                        | -             | -           | -           | -            | -    | -     | -              |
| 19.     | Madhya Pradesh                     | 2             | -           | -           | -            | -    | 2     | 0.84           |
| 20.     | Maharashtra                        | 2             | 3           | 29          | -            | 7    | 41    | 17.23          |
| 21.     | Manipur                            | -             | -           | -           | -            | -    | -     | -              |
| 22.     | Meghalaya                          | -             | -           | -           | -            | -    | -     | -              |
| 23.     | Mizoram                            | -             | -           | -           | -            | -    | -     | -              |
| 24.     | Nagaland                           | -             | -           | -           | -            | -    | -     | -              |
| 25.     | Orissa                             | -             | -           | -           | -            | -    | -     | -              |
| 26.     | Pondicherry                        | -             | -           | -           | -            | -    | -     | -              |
| 27.     | Punjab                             | -             | -           | 16          | -            | -    | 16    | 6.72           |
| 28.     | Rajasthan                          | 1             | -           | 9           | -            | -    | 10    | 4.20           |
| 29.     | Sikkim                             | -             | -           | -           | -            | -    | -     | -              |
| 30.     | Tamil Nadu                         | 9             | -           | -           | -            | 2    | 11    | 4.62           |
| 31.     | Tripura                            | -             | -           | -           | -            | -    | -     | -              |
| 32.     | Uttar Pradesh                      | 36            | 2           | 34          | -            | 4    | 76    | 31.93          |
| 33.     | Uttanchal                          | -             | -           | -           | -            | -    | -     | -              |
| 34.     | West Bengal                        | -             | -           | 7           | -            | -    | 7     | 2.94           |
| 35.     | * State-wise breakup not available | -             | -           | -           | -            | -    | -     | -              |
|         | TOTAL                              | 70            | 25          | 125         | 4            | 14   | 238   | 100.00         |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.

**TABLE-3A (1999)**

Vacancies for Agricultural Scientists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Agriculture               | Basic Pay upto Rs. 1500 p.m. |             |             |              |      |
|---------|---------------------------------------|------------------------------|-------------|-------------|--------------|------|
|         |                                       | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                                    | 3.                           | 4.          | 5.          | 6.           | 7.   |
| 1.      | Agronomy                              | 9                            | 1           | 14          | 2            | 11   |
| 2.      | Agricultural Bacteriology             | -                            | 2           | 2           | -            | -    |
| 3.      | Agricultural Botany                   | 6                            | 1           | 5           | -            | -    |
| 4.      | Agricultural Chemistry                | -                            | -           | 4           | -            | -    |
| 5.      | Agricultural Economics                | -                            | -           | -           | -            | -    |
| 6.      | Entomology                            | -                            | -           | 1           | -            | -    |
| 7.      | Agricultural Extension                | -                            | -           | 1           | -            | -    |
| 8.      | Agricultural Marketing                | -                            | -           | -           | -            | -    |
| 9.      | Agricultural Meteorology              | -                            | -           | 1           | -            | -    |
| 10.     | Agricultural Microbiology             | -                            | -           | -           | -            | -    |
| 11.     | Agricultural Sociology                | -                            | -           | -           | -            | -    |
| 12.     | Agricultural Statistics               | -                            | -           | 2           | -            | -    |
| 13.     | Animal Nutrition                      | 38                           | -           | -           | -            | -    |
| 14.     | Animal Pathology                      | -                            | -           | -           | -            | -    |
| 15.     | Co-operation                          | -                            | 31          | 90          | -            | 3    |
| 16.     | Dairying                              | -                            | -           | 2           | -            | -    |
| 17.     | Fishery                               | 1                            | -           | 3           | -            | -    |
| 18.     | Forestry                              | -                            | -           | 4           | -            | -    |
| 19.     | Horticulture                          | -                            | 1           | 28          | -            | -    |
| 20.     | Land Development                      | -                            | -           | -           | -            | -    |
| 21.     | Mycology & Plant Pathology            | -                            | -           | -           | -            | -    |
| 22.     | Plant Pathology                       | -                            | 1           | 3           | -            | -    |
| 23.     | Plant Breeding & Genetics             | -                            | 1           | -           | -            | -    |
| 24.     | Plant Physiology                      | -                            | -           | 2           | -            | -    |
| 25.     | Poultry Farming                       | -                            | -           | 1           | -            | -    |
| 26.     | Soil Science                          | 5                            | -           | 2           | -            | -    |
| 27.     | Veterinary Science & Animal Husbandry | 1                            | 6           | 21          | -            | 15   |
| 28.     | Warehousing                           | -                            | -           | -           | -            | -    |
| 29.     | Water Conservation                    | -                            | -           | -           | -            | -    |
| 30.     | Other Agricultural Subjects           | -                            | -           | 8           | -            | -    |
|         | <b>TOTAL</b>                          | 67                           | 44          | 194         | 2            | 29   |

**TABLE-3A (1999 contd...)**

Vacancies for Agricultural Scientists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Agriculture               | Basic Pay between Rs. 1501-2500 p.m. |             |             |              |      |
|---------|---------------------------------------|--------------------------------------|-------------|-------------|--------------|------|
|         |                                       | Central Govt.                        | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                                    | 8                                    | 9           | 10          | 11           | 12   |
| 1.      | Agronomy                              | 53                                   | 8           | 100         | 10           | 22   |
| 2.      | Agricultural Bacteriology             | 1                                    | -           | 1           | -            | -    |
| 3.      | Agricultural Botany                   | 3                                    | -           | 17          | -            | 1    |
| 4.      | Agricultural Chemistry                | 1                                    | -           | 23          | -            | -    |
| 5.      | Agricultural Economics                | -                                    | -           | 27          | -            | -    |
| 6.      | Entomology                            | 2                                    | -           | 39          | -            | -    |
| 7.      | Agricultural Extension                | 5                                    | 1           | 64          | -            | 2    |
| 8.      | Agricultural Marketing                | 8                                    | -           | -           | -            | -    |
| 9.      | Agricultural Meteorology              | -                                    | -           | -           | -            | -    |
| 10.     | Agricultural Microbiology             | -                                    | -           | 10          | -            | -    |
| 11.     | Agricultural Sociology                | -                                    | -           | -           | -            | -    |
| 12.     | Agricultural Statistics               | -                                    | -           | 15          | -            | -    |
| 13.     | Animal Nutrition                      | -                                    | -           | 9           | -            | -    |
| 14.     | Animal Pathology                      | -                                    | -           | 3           | -            | -    |
| 15.     | Co-operation                          | -                                    | -           | -           | -            | -    |
| 16.     | Dairying                              | 1                                    | -           | 2           | -            | -    |
| 17.     | Fishery                               | 4                                    | -           | 47          | -            | -    |
| 18.     | Forestry                              | 1                                    | 2           | 9           | -            | 1    |
| 19.     | Horticulture                          | -                                    | -           | 39          | -            | 6    |
| 20.     | Land Development                      | -                                    | -           | 3           | -            | -    |
| 21.     | Mycology & Plant Pathology            | -                                    | -           | 5           | -            | -    |
| 22.     | Plant Pathology                       | 4                                    | -           | 33          | -            | -    |
| 23.     | Plant Breeding & Genetics             | -                                    | -           | 72          | -            | -    |
| 24.     | Plant Physiology                      | -                                    | -           | 19          | -            | -    |
| 25.     | Poultry Farming                       | -                                    | -           | 4           | -            | -    |
| 26.     | Soil Science                          | 7                                    | 10          | 32          | -            | -    |
| 27.     | Veterinary Science & Animal Husbandry | 5                                    | -           | 157         | -            | 1    |
| 28.     | Warehousing                           | -                                    | -           | -           | -            | -    |
| 29.     | Water Conservation                    | -                                    | 1           | 2           | -            | -    |
| 30.     | Other Agricultural Subjects           | -                                    | 1           | 15          | -            | -    |
|         | <b>TOTAL</b>                          | 95                                   | 24          | 747         | 10           | 33   |



**TABLE-3A (1999 contd...)**

Vacancies for Agricultural Scientists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Agriculture               | Basic Pay Rs. 2501 and above p.m. |             |             |              |      | Total of Col (3 -17) |
|---------|---------------------------------------|-----------------------------------|-------------|-------------|--------------|------|----------------------|
|         |                                       | Central Govt.                     | State Govt. | Quasi Govt. | Local Bodies | Pvt. |                      |
| 1.      | 2.                                    | 13                                | 14          | 15          | 15           | 17   | 18                   |
| 1.      | Agronomy                              | -                                 | -           | 44          | 18           | -    | 292                  |
| 2.      | Agricultural Bacteriology             | -                                 | -           | 3           | -            | -    | 9                    |
| 3.      | Agricultural Botany                   | 2                                 | -           | 12          | -            | -    | 47                   |
| 4.      | Agricultural Chemistry                | -                                 | -           | 14          | -            | -    | 50                   |
| 5.      | Agricultural Economics                | -                                 | -           | 22          | -            | -    | 49                   |
| 6.      | Entomology                            | 2                                 | -           | 21          | -            | -    | 65                   |
| 7.      | Agricultural Extension                | 2                                 | 1           | 24          | 2            | 1    | 103                  |
| 8.      | Agricultural Marketing                | 1                                 | -           | -           | -            | -    | 9                    |
| 9.      | Agricultural Meteorology              | -                                 | -           | 1           | -            | -    | 2                    |
| 10.     | Agricultural Microbiology             | 1                                 | -           | 11          | -            | -    | 22                   |
| 11.     | Agricultural Sociology                | -                                 | -           | 1           | -            | -    | 1                    |
| 12.     | Agricultural Statistics               | -                                 | -           | 8           | -            | -    | 25                   |
| 13.     | Animal Nutrition                      | -                                 | -           | 12          | -            | -    | 59                   |
| 14.     | Animal Pathology                      | -                                 | -           | 12          | -            | -    | 15                   |
| 15.     | Co-operation                          | -                                 | -           | 1           | -            | -    | 125                  |
| 16.     | Dairying                              | -                                 | -           | 5           | -            | 1    | 11                   |
| 17.     | Fishery                               | -                                 | 2           | 25          | -            | -    | 82                   |
| 18.     | Forestry                              | -                                 | -           | 1           | -            | -    | 18                   |
| 19.     | Horticulture                          | -                                 | -           | 44          | 3            | 1    | 122                  |
| 20.     | Land Development                      | -                                 | -           | -           | -            | -    | 3                    |
| 21.     | Mycology & Plant Pathology            | -                                 | -           | 6           | -            | -    | 11                   |
| 22.     | Plant Pathology                       | -                                 | -           | 26          | -            | -    | 67                   |
| 23.     | Plant Breeding & Genetics             | -                                 | -           | 72          | -            | -    | 145                  |
| 24.     | Plant Physiology                      | -                                 | -           | 18          | -            | -    | 39                   |
| 25.     | Poultry Farming                       | -                                 | -           | 4           | -            | -    | 9                    |
| 26.     | Soil Science                          | -                                 | -           | 31          | -            | -    | 77                   |
| 27.     | Veterinary Science & Animal Husbandry | -                                 | -           | 88          | -            | -    | 304                  |
| 28.     | Warehousing                           | -                                 | -           | -           | -            | -    | -                    |
| 29.     | Water Conservation                    | -                                 | -           | 1           | -            | -    | 4                    |
| 30.     | Other Agricultural Subjects           | 1                                 | 1           | 28          | -            | 8    | 62                   |
|         | <b>TOTAL</b>                          | 9                                 | 4           | 535         | 23           | 11   | 1827                 |

**TABLE-3C**

State-wise and Sector-wise vacancies for Agricultural Scientists during 1999.

| Sl. No. | State/Uts                           | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Total |
|---------|-------------------------------------|---------------|-------------|-------------|--------------|------|-------|----------------|
| 1       | 2                                   | 3             | 4           | 5           | 6            | 7    | 8     | 9              |
| 1.      | Andaman & Nicobar                   | -             | -           | 7           | -            | -    | 7     | 0.38           |
| 2.      | Andhra Pradesh                      | 1             | 11          | 365         | -            | 6    | 383   | 20.96          |
| 3.      | Arunachal Pradesh                   | -             | -           | 6           | -            | -    | 6     | 0.33           |
| 4.      | Assam                               | -             | -           | 12          | -            | -    | 12    | 0.66           |
| 5.      | Bihar                               | 4             | -           | 16          | -            | -    | 20    | 1.10           |
| 6.      | Chandigarh                          | -             | -           | -           | -            | -    | -     | -              |
| 7.      | Chhattisgarh                        | -             | -           | -           | -            | -    | -     | -              |
| 8.      | Dadra & Nagar Haveli                | -             | -           | -           | -            | -    | -     | -              |
| 9.      | Delhi                               | 65            | 1           | 111         | -            | -    | 177   | 9.69           |
| 10.     | Goa, Daman & Diu                    | -             | -           | 4           | -            | -    | 4     | 0.22           |
| 11.     | Gujarat                             | 2             | 2           | 27          | -            | -    | 31    | 1.70           |
| 12.     | Haryana                             | 6             | 3           | 52          | -            | -    | 61    | 3.34           |
| 13.     | Himachal Pradesh                    | -             | -           | 28          | -            | -    | 28    | 1.53           |
| 14.     | Jammu & Kashmir                     | 1             | -           | 51          | -            | -    | 52    | 2.85           |
| 15.     | Jharkhand                           | -             | -           | -           | -            | -    | -     | -              |
| 16.     | Karnataka                           | 5             | -           | 47          | -            | -    | 52    | 2.85           |
| 17.     | Kerala                              | 6             | 33          | 123         | -            | 3    | 165   | 9.03           |
| 18.     | Lakshadweep                         | -             | -           | -           | -            | -    | -     | -              |
| 19.     | Madhya Pradesh                      | 5             | -           | 26          | -            | -    | 31    | 1.70           |
| 20.     | Maharashtra                         | 22            | 1           | 128         | 35           | 64   | 250   | 13.68          |
| 21.     | Manipur                             | -             | -           | 30          | -            | -    | 30    | 1.64           |
| 22.     | Meghalaya                           | -             | -           | 5           | -            | -    | 5     | 0.27           |
| 23.     | Mizoram                             | -             | 2           | -           | -            | -    | 2     | 0.11           |
| 24.     | Nagaland                            | -             | -           | 3           | -            | -    | 3     | 0.16           |
| 25.     | Orissa                              | -             | 3           | 26          | -            | -    | 29    | 1.59           |
| 26.     | Pondicherry                         | -             | -           | 1           | -            | -    | 1     | 0.05           |
| 27.     | Punjab                              | -             | -           | 16          | -            | -    | 16    | 0.88           |
| 28.     | Rajasthan                           | -             | -           | 194         | -            | -    | 194   | 10.62          |
| 29.     | Sikkim                              | -             | -           | 3           | -            | -    | 3     | 0.16           |
| 30.     | Tamil Nadu                          | 34            | -           | 73          | -            | -    | 107   | 5.86           |
| 31.     | Tripura                             | -             | -           | -           | -            | -    | -     | -              |
| 32.     | Uttar Pradesh                       | 13            | 16          | 88          | -            | -    | 117   | 6.40           |
| 33.     | Uttranchal                          | -             | -           | 1           | -            | -    | 1     | 0.05           |
| 34.     | West Bengal                         | 7             | -           | 29          | -            | -    | 36    | 1.97           |
| 35.     | * State-wise break-up not available | -             | -           | 4           | -            | -    | 4     | 0.22           |
|         | <b>TOTAL</b>                        | 171           | 72          | 1476        | 35           | 73   | 1827  | 100.00         |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.

**TABLE-3B**

Vacancies for Agricultural Scientists according to work-experience during 1999.

| Sl. No. | Branches of Agriculture                | Vacancies for Agricultural during 1999. |                    |       |
|---------|--|---|--------------------|-------|
|         |  | With Experience                         | Without Experience | Total |
| 1       | 2.                                     | 3                                       | 4                  | 5     |
| 1.      | Agronomy                               | 140                                     | 152                | 292   |
| 2.      | Agricultural Bacteriology              | 8                                       | 1                  | 9     |
| 3.      | Agricultural Botany                    | 39                                      | 8                  | 47    |
| 4.      | Agricultural Chemistry                 | 35                                      | 15                 | 50    |
| 5.      | Agricultural Economics                 | 38                                      | 11                 | 49    |
| 6.      | Entomology                             | 24                                      | 41                 | 65    |
| 7.      | Agricultural Extension                 | 73                                      | 30                 | 103   |
| 8.      | Agricultural Marketing                 | 9                                       | -                  | 9     |
| 9.      | Agricultural Meteorology               | 2                                       | -                  | 2     |
| 10.     | Agricultural Microbiology              | 14                                      | 8                  | 22    |
| 11.     | Agricultural Sociology                 | 1                                       | -                  | 1     |
| 12.     | Agricultural Statistics                | 17                                      | 8                  | 25    |
| 13.     | Animal Nutrition                       | 42                                      | 17                 | 59    |
| 14.     | Animal Pathology                       | 15                                      | -                  | 15    |
| 15.     | Co-operation                           | 1                                       | 124                | 125   |
| 16.     | Dairying                               | 10                                      | 1                  | 11    |
| 17.     | Fishery                                | 72                                      | 10                 | 82    |
| 18.     | Forestry                               | 11                                      | 7                  | 18    |
| 19.     | Horticulture                           | 72                                      | 50                 | 122   |
| 20.     | Land Development                       | 3                                       | -                  | 3     |
| 21.     | Mycology & Plant Pathology             | 9                                       | 2                  | 11    |
| 22.     | Plant Pathology                        | 30                                      | 37                 | 67    |
| 23.     | Plant Breeding & Genetics              | 79                                      | 66                 | 145   |
| 24.     | Plant Physiology                       | 29                                      | 10                 | 39    |
| 25.     | Poultry Farming                        | 8                                       | 1                  | 9     |
| 26.     | Soil Science                           | 50                                      | 27                 | 77    |
| 27.     | Veterinary Science & Animal Husbandary | 103                                     | 201                | 304   |
| 28.     | Warehousing                            | -                                       | -                  | -     |
| 29.     | Water Conservation                     | 3                                       | 1                  | 4     |
| 30.     | Other Agricultural Subjects            | 37                                      | 25                 | 62    |
|         | <b>TOTAL</b>                           | 974                                     | 853                | 1827  |

**TABLE-4A (1999)**

Vacancies for Medical Personnel under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Medicine                                     | Basic Pay upto Rs. 1500 p.m. |             |             |              |      |
|---------|--|------------------------------|-------------|-------------|--------------|------|
|         |  | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.   | 3.                           | 4.          | 5.          | 6.           | 7.   |
| 1.      | Allopathic Medicine (MBBS)                               | 8                            | -           | 12          | -            | -    |
| 2.      | Anaesthesia  | -                            | -           | 1           | -            | -    |
| 3.      | Anatomy  | -                            | -           | -           | -            | -    |
| 4.      | Ayurvedic  | -                            | -           | -           | -            | -    |
| 5.      | Cardiology   | -                            | -           | -           | -            | -    |
| 6.      | Clinical Pathology & Bacteriology                        | -                            | 56          | -           | -            | -    |
| 7.      | Dietetics  | -                            | -           | -           | -            | -    |
| 8.      | Dental Surgery   | -                            | -           | 2           | -            | -    |
| 9.      | Dermatology  | -                            | -           | 1           | -            | -    |
| 10.     | Forensic Medicine  | -                            | -           | -           | -            | -    |
| 11.     | General Surgery  | -                            | -           | 1           | -            | -    |
| 12.     | Gynaecology, Obstetrics                                  | -                            | -           | 1           | -            | -    |
| 13.     | Homeopathic  | -                            | -           | 7           | -            | -    |
| 14.     | Laryngology & Otolaryngology                             | -                            | -           | -           | -            | 1    |
| 15.     | Malariology & Communicable Diseases                      | -                            | -           | -           | -            | -    |
| 16.     | Maternity, Child Welfare and Health                      | 8                            | -           | -           | -            | -    |
| 17.     | Medical, Bio-Chemistry                                   | -                            | -           | 2           | -            | -    |
| 18.     | Medical Radiology and Electrology                        | 7                            | -           | 26          | -            | -    |
| 19.     | Microbiology   | -                            | -           | 2           | -            | 1    |
| 20.     | Nursing  | 474                          | 44          | 21          | 136          | 54   |
| 21.     | Occupational Therapy                                     | -                            | -           | 3           | -            | -    |
| 22.     | Ophthalmic Medicine & Surgery                            | -                            | -           | -           | -            | -    |
| 23.     | Orthopaedic Surgery                                      | -                            | -           | 1           | -            | -    |
| 24.     | Paediatrics  | -                            | -           | 1           | -            | -    |
| 25.     | Pharmacy   | 163                          | 14          | 74          | 6            | 15   |
| 26.     | Pharmacology, Medical                                    | -                            | 4           | 3           | -            | -    |
| 27.     | Physiology   | -                            | -           | -           | -            | -    |
| 28.     | Physiotherapy  | 3                            | -           | -           | -            | -    |
| 29.     | Preventive & Social Medicine<br>(Industrial Health)      | -                            | -           | 1           | -            | -    |
| 30.     | Psychiatry   | -                            | -           | -           | -            | -    |
| 31.     | Psychology, Medical                                      | -                            | -           | 2           | -            | -    |
| 32.     | Public Health  | -                            | -           | -           | -            | -    |
| 33.     | Sanitary Science   | -                            | -           | -           | -            | -    |
| 34.     | Tubercular Diseases                                      | -                            | -           | -           | -            | -    |
| 35.     | Tropical Medicine  | -                            | -           | -           | -            | -    |
| 36.     | Unani  | -                            | -           | 1           | -            | -    |
| 37.     | Venereology  | -                            | -           | -           | -            | -    |
| 38.     | MD/Ph.D/MS, Medicial Specialists<br>(Unspecified Others) | 8                            | 1           | 4           | -            | -    |
|         | <b>TOTAL</b>   | 671                          | 119         | 166         | 142          | 71   |

**TABLE-4A (1999 contd...)**

Vacancies for Medical Personnel under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Medicine                                    | Basic Pay between Rs. 1501-2500 per month |             |             |              |           |
|---------|---|---|-------------|-------------|--------------|-----------|
|         |   | Central Govt.                             | State Govt. | Quasi Govt. | Local Bodies | Pvt.      |
| 1.      | 2.  | 8   | 9           | 10          | 11           | 12        |
| 1.      | Allopathic Medicine (MBBS)                              | 191                                       | 761         | 47          | 32           | 24        |
| 2.      | Anaesthesia   | 55  | 5           | 62          | 4            | 3         |
| 3.      | Anatomy   | 8   | -           | 8           | -            | 1         |
| 4.      | Ayurvedic   | 2   | 28          | 2           | 56           | -         |
| 5.      | Cardiology  | 20  | 11          | 13          | -            | -         |
| 6.      | Clinical Pathology & Bacteriology                       | 7   | 2           | 15          | -            | 1         |
| 7.      | Dietetics   | 2   | 1           | -           | -            | -         |
| 8.      | Dental Surgery  | 6   | -           | 51          | -            | -         |
| 9.      | Dermatology   | 8   | -           | -           | -            | -         |
| 10.     | Forensic Medicine                                       | 2   | -           | 18          | 1            | -         |
| 11.     | General Surgery   | 47  | 60          | 21          | 3            | -         |
| 12.     | Gynaecology, Obstetrics                                 | 25  | 5           | 19          | 16           | 1         |
| 13.     | Homeopathic   | 14  | 54          | 3           | 1            | 4         |
| 14.     | Laryngology & Otolaryngology                            | 5   | 4           | -           | -            | -         |
| 15.     | Malariaology & Communicable Diseases                    | -   | -           | -           | -            | -         |
| 16.     | Maternity, Child Welfare and Health                     | -   | -           | -           | -            | -         |
| 17.     | Medical, Bio-Chemistry                                  | 9   | 1           | 3           | -            | -         |
| 18.     | Medical Radiology and Electrology                       | 27  | 3           | 40          | 12           | -         |
| 19.     | Microbiology  | 14  | 2           | 11          | 1            | 3         |
| 20.     | Nursing   | 4   | 612         | 19          | -            | 18        |
| 21.     | Occupational Therapy                                    | -   | 1           | 5           | -            | -         |
| 22.     | Ophthalmic Medicine & Surgery                           | 9   | 18          | 13          | 1            | -         |
| 23.     | Orthopaedic Surgery                                     | 18  | -           | 12          | 2            | -         |
| 24.     | Paediatrics   | 54  | 10          | 21          | 15           | -         |
| 25.     | Pharmacy  | 6   | 85          | 28          | 1            | 1         |
| 26.     | Pharmacology, Medical                                   | 15  | 4           | 14          | -            | -         |
| 27.     | Physiology  | 7   | 3           | 7           | -            | -         |
| 28.     | Physiotherapy   | 5   | 7           | 9           | 1            | -         |
| 29.     | Preventive & Social Medicine<br>(Industrial Health)     | 2   | 2           | 15          | 2            | 1         |
| 30.     | Psychiatry  | 7   | 6           | 12          | -            | -         |
| 31.     | Psychology, Medical                                     | 5   | 9           | -           | -            | -         |
| 32.     | Public Health   | 5   | -           | 4           | -            | -         |
| 33.     | Sanitary Science  | -   | -           | -           | 2            | -         |
| 34.     | Tubercular Diseases                                     | -   | 11          | 2           | -            | -         |
| 35.     | Tropical Medicine                                       | -   | -           | -           | 2            | -         |
| 36.     | Unani   | -   | 5           | 1           | -            | -         |
| 37.     | Venereology   | 2   | 3           | 8           | -            | -         |
| 38.     | MD/Ph.D/MS, Medical Specialists<br>(Unspecified Others) | 76  | 18          | 82          | -            | -         |
|         | <b>TOTAL</b>  | <b>657</b>                                | <b>1731</b> | <b>562</b>  | <b>152</b>   | <b>57</b> |

**TABLE-4A (1999 contd...)**

Vacancies for Medical Personnel under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Medicine                                    | Basic Pay Rs. 2501 and above per month |             |             |              |      | Total of Col (3-17) |
|---------|---|--|-------------|-------------|--------------|------|---------------------|
|         |   | Central Govt.                          | State Govt. | Quasi Govt. | Local Bodies | Pvt. |                     |
| 1.      | 2.  | 13                                     | 14          | 15          | 16           | 17   | 18                  |
| 1.      | Allopathic Medicine (MBBS)                              | 8                                      | 5           | 28          | 10           | 34   | 1160                |
| 2.      | Anaesthesia   | -                                      | 11          | 3           | -            | -    | 144                 |
| 3.      | Anatomy   | 1                                      | -           | 4           | -            | -    | 22                  |
| 4.      | Ayurvedic   | 2                                      | 5           | 11          | 13           | 1    | 120                 |
| 5.      | Cardiology  | 5                                      | -           | 8           | -            | -    | 57                  |
| 6.      | Clinical Pathology & Bacteriology                       | -                                      | 12          | 81          | 1            | 1    | 176                 |
| 7.      | Dietetics   | -                                      | -           | -           | -            | -    | 3                   |
| 8.      | Dental Surgery  | -                                      | -           | 13          | -            | -    | 72                  |
| 9.      | Dermatology   | -                                      | 2           | -           | -            | -    | 11                  |
| 10.     | Forensic Medicine                                       | -                                      | 13          | 1           | -            | -    | 35                  |
| 11.     | General Surgery   | 3                                      | 13          | 18          | -            | -    | 166                 |
| 12.     | Gynaecology, Obstetrics                                 | 1                                      | 8           | 10          | -            | -    | 86                  |
| 13.     | Homeopathic   | -                                      | -           | -           | -            | -    | 83                  |
| 14.     | Laryngology & Otolaryngology                            | -                                      | -           | 1           | -            | -    | 11                  |
| 15.     | Malariology & Communicable Diseases                     | -                                      | -           | -           | -            | -    | -                   |
| 16.     | Maternity, Child Welfare and Health                     | -                                      | -           | 2           | -            | -    | 10                  |
| 17.     | Medical, Bio-Chemistry                                  | -                                      | -           | 2           | -            | -    | 17                  |
| 18.     | Medical Radiology and Electrology                       | 2                                      | 7           | 6           | -            | -    | 130                 |
| 19.     | Microbiology  | -                                      | 7           | 7           | -            | -    | 48                  |
| 20.     | Nursing   | 3                                      | 134         | 26          | 8            | 28   | 1581                |
| 21.     | Occupational Therapy                                    | -                                      | -           | -           | -            | -    | 9                   |
| 22.     | Ophthalmic Medicine & Surgery                           | 1                                      | -           | 2           | -            | -    | 44                  |
| 23.     | Orthopaedic Surgery                                     | -                                      | 4           | 4           | -            | -    | 41                  |
| 24.     | Paediatrics   | -                                      | 5           | 4           | -            | -    | 110                 |
| 25.     | Pharmacy  | 4                                      | 49          | 12          | 11           | -    | 469                 |
| 26.     | Pharmacology, Medical                                   | -                                      | 4           | 12          | -            | 1    | 57                  |
| 27.     | Physiology  | -                                      | -           | 4           | -            | -    | 21                  |
| 28.     | Physiotherapy   | -                                      | 5           | -           | -            | 2    | 32                  |
| 29.     | Preventive & Social Medicine<br>(Industrial Health)     | -                                      | -           | 3           | -            | -    | 26                  |
| 30.     | Psychiatry  | -                                      | 5           | 4           | -            | -    | 31                  |
| 31.     | Psychology, Medical                                     | 1                                      | 4           | 1           | -            | -    | 22                  |
| 32.     | Public Health   | -                                      | -           | -           | -            | -    | 9                   |
| 33.     | Sanitary Science  | -                                      | -           | -           | -            | -    | 2                   |
| 34.     | Tubercular Diseases                                     | -                                      | -           | 1           | -            | -    | 14                  |
| 35.     | Tropical Medicine                                       | -                                      | -           | -           | -            | -    | 2                   |
| 36.     | Unani   | -                                      | -           | -           | -            | -    | 7                   |
| 37.     | Venereology   | 1                                      | 2           | 2           | 1            | -    | 19                  |
| 38.     | MD/Ph.D/MS, Medical Specialists<br>(Unspecified Others) | 23                                     | 14          | 51          | -            | -    | 277                 |
|         | <b>TOTAL</b>  | 55                                     | 309         | 321         | 44           | 67   | 5124                |

**TABLE-4B (1999)**

Vacancies for Medical Personnel according to work-experience during 1999.

| Sl. No. | Branches of Medicine                                    | Vacancies for Medical Personnel during 1999 |                    |             |
|---------|---|---|--------------------|-------------|
|         |   | With Experience                             | Without Experience | Total       |
| 1.      | 2.  | 3.  | 4                  | 5           |
| 1.      | Allopathic Medicine (MBBS)                              | 712   | 448                | 1160        |
| 2.      | Anaesthesia   | 81  | 63                 | 144         |
| 3.      | Anatomy   | 20  | 2                  | 22          |
| 4.      | Ayurvedic   | 46  | 74                 | 120         |
| 5.      | Cardiology  | 46  | 11                 | 57          |
| 6.      | Clinical Pathology & Bacteriology                       | 74  | 102                | 176         |
| 7.      | Dietetics   | 3   | -                  | 3           |
| 8.      | Dental Surgery  | 57  | 15                 | 72          |
| 9.      | Dermatology   | 10  | 1                  | 11          |
| 10.     | Forensic Medicine                                       | 18  | 17                 | 35          |
| 11.     | General Surgery   | 158   | 8                  | 166         |
| 12.     | Gynaecology, Obstetrics                                 | 60  | 26                 | 86          |
| 13.     | Homeopathic   | 75  | 8                  | 83          |
| 14.     | Laryngology & Otolaryngology                            | 7   | 4                  | 11          |
| 15.     | Malariology & Communicable Diseases                     | -   | -                  | -           |
| 16.     | Maternity, Child Welfare and Health                     | 1   | 9                  | 10          |
| 17.     | Medical, Bio-Chemistry                                  | 15  | 2                  | 17          |
| 18.     | Medical Radiology and Electrology                       | 78  | 52                 | 130         |
| 19.     | Microbiology  | 39  | 9                  | 48          |
| 20.     | Nursing   | 657   | 924                | 1581        |
| 21.     | Occupational Therapy                                    | 9   | -                  | 9           |
| 22.     | Ophthalmic Medicine & Surgery                           | 29  | 15                 | 44          |
| 23.     | Orthopaedic Surgery                                     | 30  | 11                 | 41          |
| 24.     | Paediatrics   | 79  | 31                 | 110         |
| 25.     | Pharmacy  | 159   | 310                | 469         |
| 26.     | Pharmacology, Medical                                   | 47  | 10                 | 57          |
| 27.     | Physiology  | 17  | 4                  | 21          |
| 28.     | Physiotherapy   | 21  | 11                 | 32          |
| 29.     | Preventive & Social Medicine<br>(Industrial Health)     | 16  | 10                 | 26          |
| 30.     | Psychiatry  | 20  | 11                 | 31          |
| 31.     | Psychology, Medical                                     | 20  | 2                  | 22          |
| 32.     | Public Health   | 7   | 2                  | 9           |
| 33.     | Sanitary Science  | -   | 2                  | 2           |
| 34.     | Tubercular Diseases                                     | 12  | 2                  | 14          |
| 35.     | Tropical Medicine                                       | 1   | 1                  | 2           |
| 36.     | Unani   | 5   | 2                  | 7           |
| 37.     | Venereology   | 14  | 5                  | 19          |
| 38.     | MD/Ph.D/MS, Medical Specialists<br>(Unspecified Others) | 203   | 74                 | 277         |
|         | <b>TOTAL</b>  | <b>2846</b>                                 | <b>2278</b>        | <b>5124</b> |

**TABLE-4C**

State-wise and Sector-wise vacancies for Medical Personnel during 1999.

| Sl. No. | State/Uts                           | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Total |
|---------|-------------------------------------|---------------|-------------|-------------|--------------|------|-------|----------------|
| 1       | 2                                   | 3             | 4           | 5           | 6            | 7    | 8     | 9              |
| 1.      | Andaman & Nicobar                   | 1             | -           | 3           | -            | -    | 4     | 0.08           |
| 2.      | Andhra Pradesh                      | 49            | 832         | 47          | -            | 50   | 978   | 19.09          |
| 3.      | Arunachal Pradesh                   | -             | -           | -           | -            | -    | -     | -              |
| 4.      | Assam                               | 6             | -           | 1           | -            | 17   | 24    | 0.47           |
| 5.      | Bihar                               | 33            | 2           | 16          | -            | 1    | 52    | 1.01           |
| 6.      | Chandigarh                          | 5             | 116         | 127         | -            | -    | 248   | 4.84           |
| 7.      | Chhattisgarh                        | -             | -           | -           | -            | -    | -     | -              |
| 8.      | Dadra & Nagar Haveli                | -             | -           | -           | -            | -    | -     | -              |
| 9.      | Delhi                               | 843           | 35          | 149         | 60           | -    | 1087  | 21.21          |
| 10.     | Goa, Daman & Diu                    | 8             | -           | -           | -            | -    | 8     | 0.16           |
| 11.     | Gujarat                             | 59            | 2           | 2           | 10           | 30   | 103   | 2.01           |
| 12.     | Haryana                             | -             | 15          | 53          | -            | 2    | 70    | 1.37           |
| 13.     | Himachal Pradesh                    | -             | -           | 9           | -            | -    | 9     | 0.17           |
| 14.     | Jammu & Kashmir                     | -             | -           | 13          | -            | -    | 13    | 0.25           |
| 15.     | Jharkhand                           | -             | -           | -           | -            | -    | -     | -              |
| 16.     | Karnataka                           | 11            | -           | 34          | -            | -    | 45    | 0.88           |
| 17.     | Kerala                              | -             | 71          | 39          | 10           | 2    | 122   | 2.38           |
| 18.     | Lakshadweep                         | 5             | -           | -           | -            | -    | 5     | 0.10           |
| 19.     | Madhya Pradesh                      | 72            | 91          | 20          | -            | 1    | 184   | 3.59           |
| 20.     | Maharashtra                         | 61            | 109         | 53          | 256          | 86   | 565   | 11.03          |
| 21.     | Manipur                             | -             | -           | -           | -            | -    | -     | -              |
| 22.     | Meghalaya                           | 79            | -           | 1           | -            | -    | 80    | 1.56           |
| 23.     | Mizoram                             | 9             | -           | -           | -            | -    | 9     | 0.17           |
| 24.     | Nagaland                            | -             | -           | -           | -            | -    | -     | -              |
| 25.     | Orissa                              | 15            | -           | 14          | -            | -    | 29    | 0.56           |
| 26.     | Pondicherry                         | 10            | 24          | 57          | -            | -    | 91    | 1.78           |
| 27.     | Punjab                              | -             | -           | 20          | -            | -    | 20    | 0.39           |
| 28.     | Rajasthan                           | 24            | 15          | 8           | -            | -    | 47    | 0.92           |
| 29.     | Sikkim                              | -             | 4           | -           | -            | -    | 4     | 0.08           |
| 30.     | Tamil Nadu                          | 13            | 52          | 21          | 2            | 3    | 91    | 1.78           |
| 31.     | Tripura                             | -             | -           | -           | -            | -    | -     | -              |
| 32.     | Uttar Pradesh                       | 24            | 721         | 336         | -            | -    | 1081  | 21.10          |
| 33.     | Uttranchal                          | -             | -           | -           | -            | -    | -     | -              |
| 34.     | West Bengal                         | 56            | 70          | 26          | -            | 3    | 155   | 3.02           |
| 35.     | * State-wise break-up not available | -             | -           | -           | -            | -    | -     | -              |
|         | <b>TOTAL</b>                        | 1383          | 2159        | 1049        | 338          | 195  | 5124  | 100.00         |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.



**TABLE-5A (1999)**

Vacancies for Natural Scientists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Natural Sciences            | Basic Pay upto Rs. 1500 p.m. |             |             |              |      |
|---------|---|------------------------------|-------------|-------------|--------------|------|
|         |   | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                                      | 3.                           | 4.          | 5.          | 6.           | 7.   |
| 1.      | Astronomy                               | 1                            | -           | -           | -            | -    |
| 2.      | Biology                                 | 3                            | 2           | 16          | -            | 1    |
| 3.      | Botany                                  | 2                            | 3           | 16          | -            | -    |
| 4.      | Chemistry                               | 107                          | -           | 18          | -            | 3    |
| 5.      | Chemistry Analytical                    | -                            | -           | 1           | -            | -    |
| 6.      | Chemistry Bio-                          | 43                           | -           | 11          | -            | -    |
| 7.      | Chemistry Industrial                    | -                            | -           | -           | -            | -    |
| 8.      | Chemistry Inorganic                     | -                            | -           | 13          | -            | -    |
| 9.      | Geology                                 | 1                            | -           | 5           | -            | -    |
| 10.     | Geology Applied                         | -                            | -           | 1           | -            | -    |
| 11.     | Geophysics                              | -                            | -           | 1           | -            | -    |
| 12.     | Meteorology                             | 6                            | -           | -           | -            | -    |
| 13.     | Microbiology                            | 4                            | 6           | 9           | -            | 1    |
| 14.     | Oceanography                            | 3                            | -           | -           | -            | -    |
| 15.     | Physics                                 | 151                          | 6           | 24          | -            | -    |
| 16.     | Physics, Applied                        | -                            | -           | -           | -            | -    |
| 17.     | Physics, Bio-                           | -                            | -           | -           | -            | -    |
| 18.     | Physics, Mathematical                   | 2                            | -           | 5           | -            | 12   |
| 19.     | Physics, Chemistry & Mathematics        | 114                          | -           | 31          | -            | 6    |
| 20.     | Physics, Nuclear                        | -                            | -           | -           | -            | -    |
| 21.     | Physiology                              | -                            | -           | 1           | -            | -    |
| 22.     | Spectroscopy                            | -                            | -           | -           | -            | -    |
| 23.     | Zoology                                 | 2                            | -           | 12          | 7            | -    |
| 24.     | Combination of Natural Science Subjects | 23                           | 6           | 45          | 6            | 4    |
|         | <b>TOTAL</b>                            | 462                          | 23          | 209         | 13           | 27   |

**TABLE-5A (1999 contd...)**

Vacancies for Natural Scientists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Natural Sciences            | Basic Pay between 1501-2500 p.m. |             |             |              |      |
|---------|---|----------------------------------|-------------|-------------|--------------|------|
|         |   | Central Govt.                    | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                                      | 8                                | 9           | 10          | 11           | 12   |
| 1.      | Astronomy                               | -                                | 6           | -           | -            | -    |
| 2.      | Biology                                 | 7                                | 9           | 58          | -            | 7    |
| 3.      | Botany                                  | 42                               | 4           | 28          | -            | 7    |
| 4.      | Chemistry                               | 95                               | 24          | 137         | -            | 19   |
| 5.      | Chemistry Analytical                    | 1                                | -           | 1           | -            | -    |
| 6.      | Chemistry Bio-                          | 24                               | 3           | 43          | -            | 1    |
| 7.      | Chemistry Industrial                    | 2                                | -           | 1           | -            | 1    |
| 8.      | Chemistry Inorganic                     | 8                                | 3           | 19          | -            | -    |
| 9.      | Geology                                 | 7                                | 6           | 19          | 9            | 25   |
| 10.     | Geology Applied                         | -                                | -           | 1           | -            | -    |
| 11.     | Geophysics                              | 1                                | -           | -           | -            | -    |
| 12.     | Meteorology                             | -                                | -           | 4           | -            | 6    |
| 13.     | Microbiology                            | 6                                | -           | 25          | -            | -    |
| 14.     | Oceanography                            | 1                                | -           | 1           | -            | 7    |
| 15.     | Physics                                 | 132                              | 36          | 111         | -            | 5    |
| 16.     | Physics, Applied                        | 8                                | 5           | 7           | -            | 17   |
| 17.     | Physics, Bio-                           | 5                                | -           | 4           | -            | -    |
| 18.     | Physics, Mathematical                   | 46                               | -           | 116         | -            | -    |
| 19.     | Physics, Chemistry & Mathematics        | 55                               | 4           | 15          | -            | 7    |
| 20.     | Physics, Nuclear                        | -                                | -           | 2           | -            | -    |
| 21.     | Physiology                              | -                                | 1           | 2           | -            | -    |
| 22.     | Spectroscopy                            | -                                | -           | -           | -            | -    |
| 23.     | Zoology                                 | 15                               | 10          | 39          | -            | -    |
| 24.     | Combination of Natural Science Subjects | 133                              | 37          | 148         | -            | 22   |
|         | <b>TOTAL</b>                            | 588                              | 148         | 781         | 9            | 124  |

**TABLE-5A (1999 contd...)**

Vacancies for Natural Scientists under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Natural Sciences            | Basic Pay Rs. 2501 and above p.m. |             |             |              |           | Total No. of Vacancies |
|---------|---|-----------------------------------|-------------|-------------|--------------|-----------|------------------------|
|         |   | Central Govt.                     | State Govt. | Quasi Govt. | Local Bodies | Pvt.      |                        |
| 1.      | 2.                                      | 13                                | 14          | 15          | 16           | 17        | 18.                    |
| 1.      | Astronomy                               | -                                 | -           | -           | -            | -         | 7                      |
| 2.      | Biology                                 | 7                                 | 1           | 34          | -            | 1         | 146                    |
| 3.      | Botany                                  | 6                                 | -           | 53          | -            | -         | 161                    |
| 4.      | Chemistry                               | 17                                | 5           | 87          | 1            | 3         | 516                    |
| 5.      | Chemistry Analytical                    | -                                 | -           | 9           | -            | -         | 12                     |
| 6.      | Chemistry Bio                           | -                                 | 10          | 23          | 1            | -         | 159                    |
| 7.      | Chemistry Industrial                    | -                                 | -           | -           | -            | -         | 4                      |
| 8.      | Chemistry Inorganic                     | -                                 | -           | 28          | -            | -         | 71                     |
| 9.      | Geology                                 | -                                 | 1           | 11          | -            | -         | 84                     |
| 10.     | Geology Applied                         | -                                 | -           | 1           | -            | -         | 3                      |
| 11.     | Geophysics                              | -                                 | -           | 4           | -            | -         | 6                      |
| 12.     | Meteorology                             | -                                 | -           | 4           | -            | -         | 20                     |
| 13.     | Microbiology                            | 2                                 | 1           | 17          | -            | -         | 71                     |
| 14.     | Oceanography                            | -                                 | -           | -           | -            | -         | 12                     |
| 15.     | Physics                                 | 22                                | 14          | 64          | -            | 1         | 566                    |
| 16.     | Physics, Applied                        | -                                 | -           | 10          | -            | -         | 47                     |
| 17.     | Physics, Bio                            | -                                 | -           | 3           | -            | -         | 12                     |
| 18.     | Physics, Mathematical                   | -                                 | -           | 2           | -            | -         | 183                    |
| 19.     | Physics, Chemistry & Mathematics        | 21                                | -           | 4           | -            | -         | 257                    |
| 20.     | Physics, Nuclear                        | -                                 | -           | 1           | -            | -         | 3                      |
| 21.     | Physiology                              | -                                 | 1           | 2           | -            | -         | 7                      |
| 22.     | Spectroscopy                            | -                                 | -           | -           | -            | -         | -                      |
| 23.     | Zoology                                 | -                                 | 3           | 12          | -            | -         | 100                    |
| 24.     | Combination of Natural Science Subjects | 11                                | 20          | 197         | 2            | 35        | 689                    |
|         | <b>TOTAL</b>                            | <b>86</b>                         | <b>56</b>   | <b>566</b>  | <b>4</b>     | <b>40</b> | <b>3136</b>            |

**TABLE-5B (1999)**

Vacancies for Natural Scientists according to work experience during 1999.

| Sl. No. | Branches of Natural Sciences            | Vacancies for Natural Scientists |                    |       |
|---------|---|----------------------------------|--------------------|-------|
|         |   | With Experience                  | Without Experience | Total |
| 1.      | 2.                                      | 3.                               | 4                  | 5     |
| 1.      | Astronomy                               | 7                                | -                  | 7     |
| 2.      | Biology                                 | 73                               | 73                 | 146   |
| 3.      | Botany                                  | 114                              | 47                 | 161   |
| 4.      | Chemistry                               | 265                              | 251                | 516   |
| 5.      | Chemistry Analytical                    | 9                                | 3                  | 12    |
| 6.      | Chemistry Bio                           | 99                               | 60                 | 159   |
| 7.      | Chemistry Industrial                    | -                                | 4                  | 4     |
| 8.      | Chemistry Inorganic                     | 55                               | 16                 | 71    |
| 9.      | Geology                                 | 33                               | 51                 | 84    |
| 10.     | Geology Applied                         | 1                                | 2                  | 3     |
| 11.     | Geophysics                              | 6                                | -                  | 6     |
| 12.     | Meteorology                             | 10                               | 10                 | 20    |
| 13.     | Microbiology                            | 49                               | 22                 | 71    |
| 14.     | Oceanography                            | 4                                | 8                  | 12    |
| 15.     | Physics                                 | 184                              | 382                | 566   |
| 16.     | Physics, Applied                        | 21                               | 26                 | 47    |
| 17.     | Physics, Bio                            | 5                                | 7                  | 12    |
| 18.     | Physics, Mathematical                   | 24                               | 159                | 183   |
| 19.     | Physics, Chemistry & Mathematics        | 114                              | 143                | 257   |
| 20.     | Physics, Nuclear                        | 2                                | 1                  | 3     |
| 21.     | Physiology                              | 5                                | 2                  | 7     |
| 22.     | Spectroscopy                            | -                                | -                  | -     |
| 23.     | Zoology                                 | 60                               | 40                 | 100   |
| 24.     | Combination of Natural Science Subjects | 315                              | 374                | 689   |
|         | <b>TOTAL</b>                            | 1455                             | 1681               | 3136  |

**TABLE-5C**

State-wise and Sector-wise vacancies for Natural Scientists during 1999.

| Sl. No. | State/Uts                           | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Total |
|---------|-------------------------------------|---------------|-------------|-------------|--------------|------|-------|----------------|
| 1       | 2                                   | 3             | 4           | 5           | 6            | 7    | 8     | 9              |
| 1.      | Andaman & Nicobar                   | 25            | -           | 1           | -            | -    | 26    | 0.83           |
| 2.      | Andhra Pradesh                      | 113           | 2           | 198         | -            | 36   | 349   | 11.13          |
| 3.      | Arunachal Pradesh                   | -             | -           | 18          | -            | -    | 18    | 0.57           |
| 4.      | Assam                               | 6             | 1           | 17          | -            | 2    | 26    | 0.83           |
| 5.      | Bihar                               | 21            | -           | 39          | -            | 7    | 67    | 2.14           |
| 6.      | Chandigarh                          | 31            | 3           | 9           | -            | -    | 43    | 1.37           |
| 7.      | Chhattisgarh                        | -             | -           | -           | -            | -    | -     | -              |
| 8.      | Dadra & Nagar Haveli                | -             | -           | -           | -            | -    | -     | -              |
| 9.      | Delhi                               | 438           | 33          | 288         | -            | 5    | 764   | 24.36          |
| 10.     | Goa, Daman & Diu                    | -             | -           | 7           | -            | -    | 7     | 0.22           |
| 11.     | Gujarat                             | 12            | -           | 30          | -            | -    | 42    | 1.34           |
| 12.     | Haryana                             | -             | 12          | 33          | -            | 13   | 58    | 1.85           |
| 13.     | Himachal Pradesh                    | -             | 16          | 15          | -            | 6    | 37    | 1.18           |
| 14.     | Jammu & Kashmir                     | 1             | -           | 14          | -            | -    | 15    | 0.48           |
| 15.     | Jharkhand                           | -             | -           | -           | -            | -    | -     | -              |
| 16.     | Karnataka                           | 43            | 6           | 26          | -            | -    | 75    | 2.39           |
| 17.     | Kerala                              | 6             | 11          | 54          | 1            | -    | 72    | 2.30           |
| 18.     | Lakshadweep                         | -             | -           | -           | -            | -    | -     | -              |
| 19.     | Madhya Pradesh                      | 85            | -           | 39          | -            | 5    | 129   | 4.11           |
| 20.     | Maharashtra                         | 225           | 28          | 203         | 18           | 105  | 579   | 18.46          |
| 21.     | Manipur                             | 2             | -           | 11          | -            | -    | 13    | 0.41           |
| 22.     | Meghalaya                           | 1             | -           | 5           | -            | -    | 6     | 0.19           |
| 23.     | Mizoram                             | 2             | 6           | -           | -            | -    | 8     | 0.25           |
| 24.     | Nagaland                            | -             | -           | -           | -            | -    | -     | -              |
| 25.     | Orissa                              | 5             | 6           | 58          | -            | -    | 69    | 2.20           |
| 26.     | Pondicherry                         | 5             | 7           | 8           | -            | -    | 20    | 0.64           |
| 27.     | Punjab                              | -             | -           | 52          | -            | -    | 52    | 1.66           |
| 28.     | Rajasthan                           | 18            | 4           | 51          | -            | -    | 73    | 2.33           |
| 29.     | Sikkim                              | -             | -           | -           | -            | -    | -     | -              |
| 30.     | Tamil Nadu                          | 3             | 1           | 20          | -            | -    | 24    | 0.77           |
| 31.     | Tripura                             | -             | -           | 1           | -            | -    | 1     | 0.03           |
| 32.     | Uttar Pradesh                       | 51            | 90          | 211         | -            | 12   | 364   | 11.61          |
| 33.     | Uttranchal                          | -             | -           | -           | -            | -    | -     | -              |
| 34.     | West Bengal                         | 35            | -           | 148         | 7            | -    | 190   | 6.06           |
| 35.     | * State-wise break-up not available | 8             | 1           | -           | -            | -    | 9     | 0.29           |
|         | <b>TOTAL</b>                        | 1136          | 227         | 1556        | 26           | 191  | 3136  | 100.00         |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.

**TABLE-6A (1999)**

Vacancies for Social Scientists and Teachers under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Social Sciences          | Basic Pay upto Rs. 1500 p.m. |             |             |              |      |
|---------|--------------------------------------|------------------------------|-------------|-------------|--------------|------|
|         |                                      | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                                   | 3.                           | 4           | 5           | 6            | 7.   |
| 1.      | Accountancy                          | 1                            | 3           | 8           | 4            | 6    |
| 2.      | Accountancy, Chartered               | 9                            | -           | 12          | -            | -    |
| 3.      | Accountancy, Cost & Works            | -                            | -           | 28          | -            | -    |
| 4.      | Accountancy, Management              | -                            | -           | -           | -            | -    |
| 5.      | Actuary                              | 4                            | -           | -           | -            | -    |
| 6.      | Anthropology                         | -                            | -           | 1           | -            | -    |
| 7.      | Archaeology                          | -                            | -           | -           | -            | -    |
| 8.      | Archives                             | -                            | -           | -           | -            | -    |
| 9.      | Economics                            | 15                           | -           | 2           | -            | -    |
| 10.     | Education/Teaching                   | 97                           | 261         | 83          | 663          | 537  |
| 11.     | English                              | 79                           | 6           | 29          | -            | 65   |
| 12.     | Geography                            | 3                            | 1           | 3           | -            | 2    |
| 13.     | Hindi                                | 390                          | 15          | 71          | -            | 25   |
| 14.     | History                              | 1                            | 1           | 2           | -            | 2    |
| 15.     | Labour/Social Welfare                | -                            | -           | -           | -            | -    |
| 16.     | Home, Domestic Science/ Economics    | -                            | -           | 2           | -            | -    |
| 17.     | Language                             | 117                          | 7           | -           | -            | 7    |
| 18.     | Law                                  | -                            | 2           | 14          | -            | -    |
| 19.     | Literature                           | -                            | -           | -           | -            | -    |
| 20.     | Mathematics                          | 11                           | 1           | -           | -            | 41   |
| 21.     | Mathematics, Applied                 | -                            | -           | -           | -            | -    |
| 22.     | Philosophy                           | -                            | -           | -           | -            | -    |
| 23.     | Political Science                    | -                            | -           | 1           | -            | -    |
| 24.     | Psychology                           | 149                          | 1           | 1           | -            | -    |
| 25.     | Rural Science                        | -                            | -           | -           | -            | -    |
| 26.     | Sociology/Social Work/Social Science | 20                           | 9           | 5           | 4            | 5    |
| 27.     | Statistics                           | -                            | -           | -           | 1            | 1    |
| 28.     | Statistics, Mathematical             | 12                           | 2           | 1           | -            | -    |
| 29.     | Statistics/Mathematics/Economics     | 8                            | -           | -           | 4            | -    |
| 30.     | Combination of Social Sciences       | -                            | -           | -           | -            | -    |
|         | <b>TOTAL</b>                         | 916                          | 309         | 263         | 676          | 691  |

**TABLE-6A (1999 contd...)**

Vacancies for Social Scientists and Teachers under various sectors by Pay-ranges during 1999.

| Sl. No. | Branches of Social Sciences          | Basic Pay between Rs. 1501-2500 p.m. |             |             |              |      |
|---------|--------------------------------------|--------------------------------------|-------------|-------------|--------------|------|
|         |                                      | Central Govt.                        | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.                                   | 8                                    | 9           | 10          | 11           | 12   |
| 1.      | Accountancy                          | 18                                   | 16          | 32          | -            | 3    |
| 2.      | Accountancy, Chartered               | 31                                   | -           | 83          | 4            | 2    |
| 3.      | Accountancy, Cost & Works            | -                                    | 9           | 18          | -            | 1    |
| 4.      | Accountancy, Management              | 1                                    | 3           | -           | -            | 8    |
| 5.      | Actuary                              | -                                    | -           | -           | -            | -    |
| 6.      | Anthropology                         | 6                                    | -           | 12          | -            | -    |
| 7.      | Archaeology                          | 2                                    | 2           | -           | -            | -    |
| 8.      | Archives                             | -                                    | -           | -           | -            | -    |
| 9.      | Economics                            | 5                                    | 33          | 66          | -            | 15   |
| 10.     | Education/Teaching                   | 42                                   | 159         | 159         | 1            | 657  |
| 11.     | English                              | 19                                   | 62          | 59          | -            | 46   |
| 12.     | Geography                            | 6                                    | 5           | 19          | -            | 11   |
| 13.     | Hindi                                | 92                                   | 37          | 59          | -            | 14   |
| 14.     | History                              | 19                                   | 60          | 25          | -            | 20   |
| 15.     | Labour/Social Welfare                | -                                    | -           | 2           | -            | -    |
| 16.     | Home, Domestic Science/ Economics    | 1                                    | 20          | 28          | -            | 5    |
| 17.     | Language                             | 39                                   | 16          | 61          | -            | 11   |
| 18.     | Law                                  | 59                                   | 17          | 92          | -            | -    |
| 19.     | Literature                           | -                                    | -           | 11          | -            | -    |
| 20.     | Mathematics                          | 37                                   | 26          | 62          | -            | 25   |
| 21.     | Mathematics, Applied                 | -                                    | 2           | 2           | -            | -    |
| 22.     | Philosophy                           | -                                    | 3           | 10          | -            | -    |
| 23.     | Political Science                    | 4                                    | 49          | 24          | -            | 9    |
| 24.     | Psychology                           | 18                                   | 14          | 19          | -            | 5    |
| 25.     | Rural Science                        | -                                    | -           | -           | -            | -    |
| 26.     | Sociology/Social Work/Social Science | 27                                   | 47          | 78          | 3            | -    |
| 27.     | Statistics                           | 5                                    | 3           | 13          | -            | 2    |
| 28.     | Statistics, Mathematical             | 10                                   | 2           | 10          | -            | -    |
| 29.     | Statistics/Mathematics/Economics     | 29                                   | 7           | 23          | -            | -    |
| 30.     | Combination of Social Sciences       | -                                    | -           | 10          | -            | -    |
|         | <b>TOTAL</b>                         | 470                                  | 592         | 977         | 8            | 834  |

**TABLE-6A (1999 contd...)**

Vacancies for Social Scientists and Teachers under various sectors by Pay-ranges during 1999.

| Sl. No.      | Branches of Social Sciences          | Basic Pay Rs.2501 and above p.m. |             |             |              |      | Total No. of Vacancies |
|--------------|--------------------------------------|----------------------------------|-------------|-------------|--------------|------|------------------------|
|              |                                      | Central Govt.                    | State Govt. | Quasi Govt. | Local Bodies | Pvt. |                        |
| 1.           | 2.                                   | 13                               | 14          | 15          | 16           | 17   | 18                     |
| 1.           | Accountancy                          | -                                | -           | 22          | -            | 1    | 114                    |
| 2.           | Accountancy, Chartered               | 3                                | -           | 12          | -            | 2    | 158                    |
| 3.           | Accountancy, Cost & Works            | 2                                | 16          | 6           | -            | -    | 80                     |
| 4.           | Accountancy, Management              | -                                | -           | -           | -            | -    | 12                     |
| 5.           | Actuary                              | -                                | -           | -           | -            | -    | 4                      |
| 6.           | Anthropology                         | -                                | -           | 6           | -            | -    | 25                     |
| 7.           | Archaeology                          | -                                | 2           | 7           | -            | -    | 13                     |
| 8.           | Archives                             | -                                | -           | 1           | -            | -    | 1                      |
| 9.           | Economics                            | 5                                | -           | 63          | -            | 1    | 205                    |
| 10.          | Education/Teaching                   | 294                              | 750         | 266         | 21           | 915  | 4905                   |
| 11.          | English                              | 6                                | 2           | 32          | 1            | 2    | 408                    |
| 12.          | Geography                            | 2                                | -           | 20          | -            | 2    | 73                     |
| 13.          | Hindi                                | 12                               | -           | 44          | -            | 2    | 762                    |
| 14.          | History                              | 1                                | -           | 36          | -            | 1    | 168                    |
| 15.          | Labour/Social Welfare                | -                                | -           | 1           | -            | -    | 3                      |
| 16.          | Home, Domestic Science/ Economics    | -                                | -           | 44          | -            | -    | 100                    |
| 17.          | Language                             | 4                                | 162         | 59          | 2            | -    | 485                    |
| 18.          | Law                                  | 8                                | 1           | 71          | 1            | 2    | 267                    |
| 19.          | Literature                           | -                                | -           | 2           | -            | -    | 13                     |
| 20.          | Mathematics                          | 9                                | 5           | 47          | -            | 4    | 268                    |
| 21.          | Mathematics, Applied                 | -                                | -           | 14          | -            | -    | 18                     |
| 22.          | Philosophy                           | -                                | -           | 20          | -            | -    | 33                     |
| 23.          | Political Science                    | -                                | -           | 21          | -            | 1    | 109                    |
| 24.          | Psychology                           | -                                | 3           | 17          | -            | -    | 227                    |
| 25.          | Rural Science                        | -                                | -           | -           | -            | -    | -                      |
| 26.          | Sociology/Social Work/Social Science | 3                                | 6           | 62          | 1            | -    | 270                    |
| 27.          | Statistics                           | -                                | 1           | 19          | 4            | -    | 49                     |
| 28.          | Statistics, Mathematical             | -                                | -           | 4           | -            | -    | 41                     |
| 29.          | Statistics/Mathematics/Economics     | 2                                | -           | 5           | -            | -    | 78                     |
| 30.          | Combination of Social Sciences       | -                                | 19          | -           | -            | -    | 29                     |
| <b>TOTAL</b> |                                      | 351                              | 967         | 901         | 30           | 933  | 8918                   |



**TABLE-6B (1999)**

Vacancies for Social Scientists and Teachers according to experience during 1999.

| Sl. No. | Branches of Social Sciences          | Vacancies for Social Scientists |                    |       |
|---------|--------------------------------------|---------------------------------|--------------------|-------|
|         |                                      | With Experience                 | Without Experience | Total |
| 1.      | 2.                                   | 3.                              | 4                  | 5     |
| 1.      | Accountancy                          | 57                              | 57                 | 114   |
| 2.      | Accountancy, Chartered               | 129                             | 29                 | 158   |
| 3.      | Accountancy, Cost & Works            | 61                              | 19                 | 80    |
| 4.      | Accountancy, Management              | 4                               | 8                  | 12    |
| 5.      | Actuary                              | -                               | 4                  | 4     |
| 6.      | Anthropology                         | 16                              | 9                  | 25    |
| 7.      | Archaeology                          | 8                               | 5                  | 13    |
| 8.      | Archives                             | -                               | 1                  | 1     |
| 9.      | Economics                            | 113                             | 92                 | 205   |
| 10.     | Education/Teaching                   | 325                             | 4580               | 4905  |
| 11.     | English                              | 120                             | 288                | 408   |
| 12.     | Geography                            | 33                              | 40                 | 73    |
| 13.     | Hindi                                | 297                             | 465                | 762   |
| 14.     | History                              | 67                              | 101                | 168   |
| 15.     | Labour/Social Welfare                | -                               | 3                  | 3     |
| 16.     | Home, Domestic Science/ Economics    | 52                              | 48                 | 100   |
| 17.     | Language                             | 99                              | 386                | 485   |
| 18.     | Law                                  | 226                             | 41                 | 267   |
| 19.     | Literature                           | 10                              | 3                  | 13    |
| 20.     | Mathematics                          | 92                              | 176                | 268   |
| 21.     | Mathematics, Applied                 | 16                              | 2                  | 18    |
| 22.     | Philosophy                           | 16                              | 17                 | 33    |
| 23.     | Political Science                    | 27                              | 82                 | 109   |
| 24.     | Psychology                           | 37                              | 190                | 227   |
| 25.     | Rural Science                        | -                               | -                  | -     |
| 26.     | Sociology/Social Work/Social Science | 144                             | 126                | 270   |
| 27.     | Statistics                           | 27                              | 22                 | 49    |
| 28.     | Statistics, Mathematical             | 32                              | 9                  | 41    |
| 29.     | Statistics/Mathematics/Economics     | 57                              | 21                 | 78    |
| 30.     | Combination of Social Sciences       | 1                               | 26                 | 29    |
|         | <b>TOTAL</b>                         | 2068                            | 6850               | 8918  |

**TABLE-6C**

State-wise and Sector-wise vacancies for Social Scientists and Teachers during 1999.

| Sl. No. | State/Uts                           | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Total |
|---------|-------------------------------------|---------------|-------------|-------------|--------------|------|-------|----------------|
| 1       | 2                                   | 3             | 4           | 5           | 6            | 7    | 8     | 9              |
| 1.      | Andaman & Nicobar                   | 6             | 1           | -           | -            | -    | 7     | 0.08           |
| 2.      | Andhra Pradesh                      | 23            | 118         | 269         | 2            | 177  | 589   | 6.61           |
| 3.      | Arunachal Pradesh                   | -             | -           | 24          | -            | -    | 24    | 0.27           |
| 4.      | Assam                               | 37            | 48          | 30          | -            | 14   | 129   | 1.45           |
| 5.      | Bihar                               | 86            | 24          | 5           | -            | 20   | 135   | 1.51           |
| 6.      | Chandigarh                          | 31            | 25          | 1           | -            | -    | 57    | 0.64           |
| 7.      | Chhattisgarh                        | -             | -           | -           | -            | -    | -     | -              |
| 8.      | Dadra & Nagar Haveli                | -             | 1           | -           | -            | -    | 1     | 0.01           |
| 9.      | Delhi                               | 583           | 26          | 450         | -            | 9    | 1068  | 11.98          |
| 10.     | Goa, Daman & Diu                    | 1             | -           | 9           | -            | -    | 10    | 0.11           |
| 11.     | Gujarat                             | 9             | 3           | 24          | 466          | 212  | 714   | 8.01           |
| 12.     | Haryana                             | 20            | 10          | 6           | -            | 13   | 49    | 0.55           |
| 13.     | Himachal Pradesh                    | 2             | 119         | 52          | 1            | 16   | 190   | 2.13           |
| 14.     | Jammu & Kashmir                     | 1             | -           | 2           | -            | -    | 3     | 0.03           |
| 15.     | Jharkhand                           | -             | -           | -           | -            | -    | -     | -              |
| 16.     | Karnataka                           | 27            | -           | 101         | -            | 2    | 130   | 1.46           |
| 17.     | Kerala                              | 180           | 463         | 33          | 2            | -    | 678   | 7.60           |
| 18.     | Lakshadweep                         | -             | -           | -           | -            | -    | -     | -              |
| 19.     | Madhya Pradesh                      | 47            | 2           | 87          | -            | 22   | 158   | 1.77           |
| 20.     | Maharashtra                         | 132           | 78          | 302         | 225          | 1794 | 2531  | 28.38          |
| 21.     | Manipur                             | 2             | -           | 22          | -            | -    | 24    | 0.27           |
| 22.     | Meghalaya                           | 50            | -           | -           | -            | -    | 50    | 0.56           |
| 23.     | Mizoram                             | 4             | -           | -           | -            | -    | 4     | 0.04           |
| 24.     | Nagaland                            | -             | -           | -           | -            | -    | -     | -              |
| 25.     | Orissa                              | 170           | -           | 11          | -            | -    | 181   | 2.03           |
| 26.     | Pondicherry                         | -             | 1           | 11          | -            | -    | 12    | 0.13           |
| 27.     | Punjab                              | 17            | -           | 38          | 1            | 15   | 71    | 0.80           |
| 28.     | Rajasthan                           | 30            | 17          | 62          | -            | -    | 109   | 1.22           |
| 29.     | Sikkim                              | -             | -           | -           | -            | -    | -     | -              |
| 30.     | Tamil Nadu                          | 125           | 596         | 75          | 17           | 107  | 920   | 10.32          |
| 31.     | Tripura                             | 7             | -           | -           | -            | -    | 7     | 0.08           |
| 32.     | Uttar Pradesh                       | 76            | 286         | 458         | -            | 34   | 854   | 9.58           |
| 33.     | Uttranchal                          | -             | -           | -           | -            | -    | -     | -              |
| 34.     | West Bengal                         | 70            | 50          | 67          | -            | 23   | 210   | 2.35           |
| 35.     | * State-wise break-up not available | 1             | -           | 2           | -            | -    | 3     | 0.03           |
|         | <b>TOTAL</b>                        | 1737          | 1868        | 2141        | 714          | 2458 | 8918  | 100.00         |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.

**TABLE-7A (1999)**

Vacancies for Miscellaneous Graduates under various sectors by Pay-ranges during 1999.

| Sl. No. | Types of Vacancies  | Basic Pay upto Rs. 1500 p.m. |             |             |              |      |
|---------|---|------------------------------|-------------|-------------|--------------|------|
|         |   | Central Govt.                | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.  | 3.                           | 4.          | 5.          | 6.           | 7.   |
| 1.      | Art, Fine   | 47                           | 1           | 6           | -            | 2    |
| 2.      | Art, Commercial   | 3                            | 1           | 3           | 1            | -    |
| 3.      | Banking   | -                            | -           | 276         | -            | 3    |
| 4.      | Catering  | -                            | 2           | 7           | -            | -    |
| 5.      | Cinematography  | 4                            | 1           | 7           | -            | 1    |
| 6.      | Company Secretaryship   | -                            | -           | -           | -            | -    |
| 7.      | Film Direction  | 1                            | 2           | 4           | -            | -    |
| 8.      | Hotel Management  | 1                            | 1           | 14          | -            | -    |
| 9.      | Industrial Management/Business Management & Administration          | 1                            | 3           | 5           | -            | 10   |
| 10.     | Interior Decoration, Display & Designing                            | -                            | -           | -           | -            | -    |
| 11.     | Insurance   | -                            | -           | -           | -            | -    |
| 12.     | Journalism  | 5                            | -           | 12          | -            | -    |
| 13.     | Library Science   | 13                           | 8           | 40          | 3            | 4    |
| 14.     | Music, Instrumental   | 1                            | -           | 4           | -            | 1    |
| 15.     | Music Vocal   | 1                            | -           | -           | -            | 3    |
| 16.     | Museology   | -                            | -           | -           | -            | -    |
| 17.     | Nutrition/Applied Nutrition   | -                            | -           | -           | -            | -    |
| 18.     | Pass-Graduates in Science, Arts & Commerce suitable for Office work | 999                          | 264         | 650         | 17           | 37   |
| 19.     | Physical Education  | 2                            | 1           | 2           | 1            | 29   |
| 20.     | Public Administration   | -                            | -           | -           | 5            | -    |
| 21.     | Research Methodology  | -                            | -           | -           | -            | -    |
| 22.     | Sculpture   | -                            | -           | -           | -            | -    |
| 23.     | Secretarial and Commercial Work & Practices                         | 1                            | 1           | -           | -            | -    |
| 24.     | Stage Craft & Dramatics   | -                            | 1           | 4           | -            | -    |
| 25.     | Other Vacancies (Unspecified)                                       | 11                           | 19          | 91          | 58           | 4855 |
|         | <b>TOTAL</b>  | 1090                         | 305         | 1125        | 85           | 4945 |

**TABLE-7A (1999 contd...)**

Vacancies for Miscellaneous Graduates under various sectors by Pay-ranges during 1999.

| Sl. No. | Types of Vacancies  | Basic Pay between Rs. 1501-2500 p.m. |             |             |              |      |
|---------|---|--------------------------------------|-------------|-------------|--------------|------|
|         |   | Central Govt.                        | State Govt. | Quasi Govt. | Local Bodies | Pvt. |
| 1.      | 2.  | 8                                    | 9           | 10          | 11           | 12   |
| 1.      | Art, Fine   | 2                                    | 10          | 11          | -            | -    |
| 2.      | Art, Commercial   | 19                                   | 8           | 7           | -            | 1    |
| 3.      | Banking   | -                                    | -           | 2           | -            | -    |
| 4.      | Catering  | -                                    | 2           | -           | -            | -    |
| 5.      | Cinematography  | 2                                    | -           | 4           | -            | -    |
| 6.      | Company Secretaryship   | -                                    | -           | 2           | -            | -    |
| 7.      | Film Direction  | 3                                    | -           | 2           | -            | -    |
| 8.      | Hotel Management  | -                                    | 3           | 13          | -            | -    |
| 9.      | Industrial Management/Business Management & Administration          | 13                                   | 4           | 72          | -            | 7    |
| 10.     | Interior Decoration, Display & Designing                            | -                                    | 1           | 4           | -            | -    |
| 11.     | Insurance   | -                                    | -           | -           | -            | -    |
| 12.     | Journalism  | 1                                    | 3           | 16          | -            | -    |
| 13.     | Library Science   | 3                                    | 3           | 46          | 2            | 26   |
| 14.     | Music, Instrumental   | 3                                    | -           | 6           | -            | -    |
| 15.     | Music Vocal   | -                                    | 1           | 12          | -            | -    |
| 16.     | Museology   | -                                    | -           | -           | -            | -    |
| 17.     | Nutrition/Applied Nutrition   | -                                    | -           | 2           | -            | -    |
| 18.     | Pass-Graduates in Science, Arts & Commerce suitable for Office work | 712                                  | 36          | 548         | 1            | 19   |
| 19.     | Physical Education  | 9                                    | 7           | 18          | -            | -    |
| 20.     | Public Administration   | -                                    | 1           | 7           | -            | -    |
| 21.     | Research Methodology  | -                                    | -           | -           | -            | -    |
| 22.     | Sculpture   | -                                    | 1           | -           | -            | -    |
| 23.     | Secretarial and Commercial Work & Practices                         | -                                    | -           | 1           | -            | -    |
| 24.     | Stage Craft & Dramatics   | -                                    | -           | 14          | -            | -    |
| 25.     | Other Vacancies (Unspecified)                                       | 157                                  | 17          | 10          | -            | 19   |
|         | <b>TOTAL</b>  | 924                                  | 97          | 797         | 3            | 86   |

**TABLE-7A (1999 contd...)**

Vacancies for Miscellaneous Graduates under various sectors by Pay-ranges during 1999.

| Sl. No.      | Types of Vacancies  | Basic Pay Rs. 2501 and above p.m. |             |             |              |      | Total No. of Vacancies |
|--------------|---|-----------------------------------|-------------|-------------|--------------|------|------------------------|
|              |   | Central Govt.                     | State Govt. | Quasi Govt. | Local Bodies | Pvt. |                        |
| 1.           | 2.  | 13                                | 14          | 15          | 16           | 17   | 18                     |
| 1.           | Art, Fine   | 2                                 | -           | 10          | -            | -    | 91                     |
| 2.           | Art, Commercial   | -                                 | -           | 7           | -            | -    | 50                     |
| 3.           | Banking   | -                                 | 25          | -           | -            | -    | 306                    |
| 4.           | Catering  | -                                 | -           | -           | -            | -    | 11                     |
| 5.           | Cinematography  | 1                                 | -           | 5           | -            | -    | 25                     |
| 6.           | Company Secretaryship   | -                                 | -           | -           | -            | -    | 2                      |
| 7.           | Film Direction  | -                                 | -           | 1           | -            | -    | 13                     |
| 8.           | Hotel Management  | -                                 | 1           | 6           | -            | -    | 39                     |
| 9.           | Industrial Management/Business Management & Administration          | 3                                 | 2           | 59          | -            | 31   | 210                    |
| 10.          | Interior Decoration, Display & Designing                            | -                                 | -           | -           | -            | -    | 5                      |
| 11.          | Insurance   | -                                 | -           | -           | -            | -    | -                      |
| 12.          | Journalism  | -                                 | 2           | 7           | -            | -    | 46                     |
| 13.          | Library Science   | 1                                 | -           | 34          | -            | 6    | 189                    |
| 14.          | Music, Instrumental   | -                                 | -           | 4           | -            | -    | 19                     |
| 15.          | Music Vocal   | -                                 | -           | 3           | -            | -    | 20                     |
| 16.          | Museology   | -                                 | -           | 1           | -            | -    | 1                      |
| 17.          | Nutrition/Applied Nutrition   | -                                 | -           | -           | -            | -    | 2                      |
| 18.          | Pass-Graduates in Science, Arts & Commerce suitable for Office work | 81                                | 211         | 706         | 30           | 28   | 4339                   |
| 19.          | Physical Education  | -                                 | 5           | 14          | 1            | 3    | 106                    |
| 20.          | Public Administration   | 2                                 | 1           | 9           | -            | -    | 25                     |
| 21.          | Research Methodology  | -                                 | -           | -           | -            | -    | -                      |
| 22.          | Sculpture   | -                                 | -           | 2           | -            | -    | 3                      |
| 23.          | Secretarial and Commercial Work & Practices                         | -                                 | -           | -           | -            | -    | 3                      |
| 24.          | Stage Craft & Dramatics   | -                                 | -           | -           | -            | -    | 19                     |
| 25.          | Other Vacancies (Unspecified)                                       | 153                               | 64          | 131         | 1            | 187  | 5773                   |
| <b>TOTAL</b> |   | 243                               | 311         | 999         | 32           | 255  | 11297                  |

**TABLE-7B (1999)**

Vacancies for Miscellaneous Graduates according to work experience during 1999.

| Sl. No. | Type of Vacancies   | Vacancies for Graduates (Pass) |                    |              |
|---------|---|--------------------------------|--------------------|--------------|
|         |   | With Experience                | Without Experience | Total        |
| 1.      | 2.  | 3.                             | 4                  | 5            |
| 1.      | Art, Fine   | 37                             | 54                 | 91           |
| 2.      | Art, Commercial   | 27                             | 23                 | 50           |
| 3.      | Banking   | 55                             | 251                | 306          |
| 4.      | Catering  | 11                             | -                  | 11           |
| 5.      | Cinematography  | 19                             | 6                  | 25           |
| 6.      | Company Secretaryship   | 1                              | 1                  | 2            |
| 7.      | Film Direction  | 12                             | 1                  | 13           |
| 8.      | Hotel Management  | 31                             | 8                  | 39           |
| 9.      | Industrial Management/Business Management & Administration            | 124                            | 86                 | 210          |
| 10.     | Interior Decoration, Display & Designing                              | 4                              | 1                  | 5            |
| 11.     | Insurance   | -                              | -                  | -            |
| 12.     | Journalism  | 28                             | 18                 | 46           |
| 13.     | Library Science   | 112                            | 77                 | 189          |
| 14.     | Music, Instrumental   | 7                              | 12                 | 19           |
| 15.     | Music Vocal   | 17                             | 3                  | 20           |
| 16.     | Museology   | 1                              | -                  | 1            |
| 17.     | Nutrition/Applied Nutrition   | 2                              | -                  | 2            |
| 18.     | Office work (Suitable for Pass-Graduates in Science, Arts & Commerce) | 1124                           | 3215               | 4339         |
| 19.     | Physical Education  | 22                             | 84                 | 106          |
| 20.     | Public Administration   | 18                             | 7                  | 25           |
| 21.     | Research Methodology  | -                              | -                  | -            |
| 22.     | Sculpture   | 3                              | -                  | 3            |
| 23.     | Secretarial and Commercial Work & Practices                           | 3                              | -                  | 3            |
| 24.     | Stage Craft & Dramatics   | 14                             | 5                  | 19           |
| 25.     | Other Vacancies (Unspecified)   | 4867                           | 906                | 5773         |
|         | <b>TOTAL</b>  | <b>6539</b>                    | <b>4758</b>        | <b>11297</b> |

**TABLE-7C**

State-wise and Sector-wise vacancies for Miscellaneous Graduates during 1999.

| Sl. No. | State/Uts                           | Central Govt. | State Govt. | Quasi Govt. | Local Bodies | Pvt. | Total | % age to Total |
|---------|-------------------------------------|---------------|-------------|-------------|--------------|------|-------|----------------|
| 1       | 2                                   | 3             | 4           | 5           | 6            | 7    | 8     | 9              |
| 1.      | Andaman & Nicobar                   | 3             | 3           | -           | -            | -    | 6     | 0.05           |
| 2.      | Andhra Pradesh                      | 113           | 1           | 158         | 4            | 3    | 279   | 2.47           |
| 3.      | Arunachal Pradesh                   | -             | -           | 2           | -            | -    | 2     | 0.02           |
| 4.      | Assam                               | 8             | 24          | 90          | -            | 13   | 135   | 1.19           |
| 5.      | Bihar                               | 70            | -           | 41          | -            | 35   | 146   | 1.29           |
| 6.      | Chandigarh                          | 17            | 5           | 39          | 3            | -    | 64    | 0.57           |
| 7.      | Chhattisgarh                        | -             | -           | -           | -            | -    | -     | -              |
| 8.      | Dadra & Nagar Haveli                | -             | -           | -           | -            | -    | -     | -              |
| 9.      | Delhi                               | 597           | 25          | 456         | 1            | 4    | 1083  | 9.59           |
| 10.     | Goa, Daman & Diu                    | 35            | 56          | 14          | -            | 138  | 243   | 2.15           |
| 11.     | Gujarat                             | 203           | 47          | 164         | 51           | 4900 | 5365  | 47.49          |
| 12.     | Haryana                             | 3             | 5           | 17          | -            | 1    | 26    | 0.23           |
| 13.     | Himachal Pradesh                    | 7             | 6           | 52          | -            | -    | 65    | 0.58           |
| 14.     | Jammu & Kashmir                     | -             | -           | 52          | -            | -    | 52    | 0.46           |
| 15.     | Jharkhand                           | -             | -           | -           | -            | -    | -     | -              |
| 16.     | Karnataka                           | 65            | -           | 203         | -            | -    | 268   | 2.37           |
| 17.     | Kerala                              | 184           | 232         | 233         | 2            | 2    | 653   | 5.78           |
| 18.     | Lakshadweep                         | -             | -           | -           | -            | -    | -     | -              |
| 19.     | Madhya Pradesh                      | 173           | 2           | 231         | -            | 10   | 416   | 3.68           |
| 20.     | Maharashtra                         | 159           | 45          | 395         | 59           | 154  | 812   | 7.19           |
| 21.     | Manipur                             | 8             | -           | 3           | -            | -    | 11    | 0.10           |
| 22.     | Meghalaya                           | 52            | 1           | -           | -            | -    | 53    | 0.47           |
| 23.     | Mizoram                             | 7             | -           | 2           | -            | -    | 9     | 0.08           |
| 24.     | Nagaland                            | 7             | -           | -           | -            | -    | 7     | 0.06           |
| 25.     | Orissa                              | 138           | 3           | 20          | -            | -    | 161   | 1.42           |
| 26.     | Pondicherry                         | -             | -           | -           | -            | -    | -     | -              |
| 27.     | Punjab                              | 7             | -           | 172         | -            | -    | 179   | 1.58           |
| 28.     | Rajasthan                           | 16            | 5           | 34          | -            | -    | 55    | 0.49           |
| 29.     | Sikkim                              | -             | -           | 1           | -            | -    | 1     | 0.01           |
| 30.     | Tamil Nadu                          | 92            | 3           | 31          | -            | 2    | 128   | 1.13           |
| 31.     | Tripura                             | 7             | 1           | 60          | -            | -    | 68    | 0.60           |
| 32.     | Uttar Pradesh                       | 15            | 242         | 348         | -            | 8    | 613   | 5.43           |
| 33.     | Uttranchal                          | -             | -           | -           | -            | -    | -     | -              |
| 34.     | West Bengal                         | 271           | 7           | 100         | -            | 16   | 394   | 3.49           |
| 35.     | * State-wise break-up not available | -             | -           | 3           | -            | -    | 3     | 0.03           |
|         | <b>TOTAL</b>                        | 2257          | 713         | 2921        | 120          | 5286 | 11297 | 100.00         |

\* Relates mostly to vacancies notified by Railway Recruitment Boards and some vacancies notified to UPSC for which place of duty was not specified.

**TABLE-8A**

Distribution of vacancies by various Disciplines & Sectors of establishment who notified the vacancies during 1999.

| <b>Sl. No.</b> | <b>Branches of Study</b>      | <b>Central Govt.</b> | <b>Percentage</b> | <b>State Govt.</b> | <b>Percentage</b> | <b>*Quasi Govt.</b> | <b>Percentage</b> |
|----------------|-------------------------------|----------------------|-------------------|--------------------|-------------------|---------------------|-------------------|
| <b>1.</b>      | <b>2.</b>                     | <b>3</b>             | <b>4</b>          | <b>5</b>           | <b>6</b>          | <b>7</b>            | <b>8</b>          |
| 1.             | Engineering                   | 3564                 | 34.54             | 2142               | 29.73             | 3464                | 27.21             |
| 2.             | Technology                    | 70                   | 0.68              | 25                 | 0.35              | 125                 | 0.98              |
| 3.             | Agriculture                   | 171                  | 1.66              | 72                 | 1.00              | 1476                | 11.59             |
| 4.             | Medicine                      | 1383                 | 13.40             | 2159               | 29.96             | 1049                | 8.24              |
| 5.             | Natural Sciences              | 1136                 | 11.01             | 227                | 3.15              | 1556                | 12.22             |
| 6.             | Social Sciences & Teaching    | 1737                 | 16.84             | 1868               | 25.92             | 2141                | 16.82             |
| 7.             | Misc. Vacancies for Graduates | 2257                 | 21.87             | 713                | 9.89              | 2921                | 22.94             |
|                | <b>TOTAL</b>                  | 10318                | 25.47             | 7206               | 17.79             | 12732               | 31.42             |

\* Vacancies in Quasi-Government bodies under Central Government and State Government have been included under the heading 'Quasi Government' in Column No.7.



**TABLE-8A (contd...)**

Distribution of vacancies by various Disciplines & Sectors of establishment who notified the vacancies during 1999.

| <b>Sl. No.</b> | <b>Branches of Study</b>      | <b>Local Body</b> | <b>Percentage</b> | <b>Private Estt.</b> | <b>Percentage</b> | <b>Total</b> | <b>Percentage</b> |
|----------------|-------------------------------|-------------------|-------------------|----------------------|-------------------|--------------|-------------------|
| <b>1.</b>      | <b>2.</b>                     | <b>9.</b>         | <b>10</b>         | <b>11</b>            | <b>12</b>         | <b>13</b>    | <b>14</b>         |
| 1.             | Engineering                   | 152               | 10.94             | 652                  | 7.35              | 9974         | 24.62             |
| 2.             | Technology                    | 4                 | 0.29              | 14                   | 0.16              | 238          | 0.59              |
| 3.             | Agriculture                   | 35                | 2.52              | 73                   | 0.82              | 1827         | 4.51              |
| 4.             | Medicine                      | 338               | 24.34             | 195                  | 2.20              | 5124         | 12.65             |
| 5.             | Natural Sciences              | 26                | 1.87              | 191                  | 2.15              | 3136         | 7.74              |
| 6.             | Social Sciences & Teaching    | 714               | 51.40             | 2458                 | 27.72             | 8918         | 22.01             |
| 7.             | Misc. Vacancies for Graduates | 120               | 8.64              | 5286                 | 59.60             | 11297        | 27.88             |
| <b>TOTAL</b>   |                               | 1389              | 3.43              | 8869                 | 21.89             | 40514        | 100.00            |

\* Vacancies in Quasi-Government bodies under Central Government and State Government have been included under the heading 'Quasi Government' in Column No.7.

**Table-8B (1999)**

Distribution of vacancies for Graduates according to Pay ranges during the year 1999.

| Sl. No. | Faculty                       | Basic Pay Rs. 1500/- P.M. | Percentage | Basic Pay between Rs. 1501 to 2500/- P.M. | Percentage | Basic Pay Rs. 2501 & above P.M. | Percentage | Total of Cols. 3, 5 & 7 | Percentage of respective branch of study to the Total No. of Vacancies |
|---------|-------------------------------|---------------------------|------------|---|------------|---------------------------------|------------|-------------------------|--|
| 1       | 2.                            | 3.                        | 4.         | 5.  | 6.         | 7.                              | 8.         | 9.                      | 10.  |
| 1.      | Engineering                   | 4435                      | 25.87      | 3784                                      | 26.33      | 1755                            | 19.51      | 9974                    | 24.62  |
| 2.      | Technology                    | 65                        | 0.38       | 84  | 0.58       | 89                              | 0.99       | 238                     | 0.59   |
| 3.      | Agriculture                   | 336                       | 1.96       | 909                                       | 6.32       | 582                             | 6.47       | 1827                    | 4.51   |
| 4.      | Medicine                      | 1169                      | 6.82       | 3159                                      | 21.98      | 796                             | 8.85       | 5124                    | 12.65  |
| 5.      | Natural Sciences              | 734                       | 4.28       | 1650                                      | 11.48      | 752                             | 8.36       | 3136                    | 7.74   |
| 6.      | Social Sciences & Teaching    | 2588                      | 16.65      | 2881                                      | 20.04      | 3182                            | 35.37      | 8918                    | 22.01  |
| 7.      | Misc. Vacancies for Graduates | 7550                      | 44.04      | 1907                                      | 13.27      | 1840                            | 20.45      | 11297                   | 27.88  |
|         | <b>TOTAL</b>                  | 17144                     | 42.32      | 14374                                     | 35.48      | 8996                            | 22.20      | 40514                   | 100.00   |

**TABLE-8C**

Distribution of vacancies for Graduates according to experience during the year 1999.

| <b>Sl. No.</b> | <b>Faculty</b>                | <b>With Experience</b> | <b>Percentage</b> | <b>Without Experience</b> | <b>Percentage</b> | <b>Total of Cols. 3 &amp; 5</b> | <b>Percentage to Total</b> |
|----------------|-------------------------------|------------------------|-------------------|---------------------------|-------------------|---------------------------------|----------------------------|
| <b>1.</b>      | <b>2.</b>                     | <b>3.</b>              | <b>4.</b>         | <b>5.</b>                 | <b>6.</b>         | <b>7</b>                        | <b>8</b>                   |
| 1.             | Engineering                   | 3752                   | 21.10             | 6222                      | 27.37             | 9974                            | 24.62                      |
| 2.             | Technology                    | 149                    | 0.48              | 89                        | 0.39              | 238                             | 0.59                       |
| 3.             | Agriculture                   | 974                    | 5.48              | 853                       | 3.75              | 1827                            | 4.51                       |
| 4.             | Medicine                      | 2846                   | 16.00             | 2278                      | 10.02             | 5124                            | 12.65                      |
| 5.             | Natural Sciences              | 1455                   | 8.18              | 1681                      | 7.40              | 3136                            | 7.74                       |
| 6.             | Social Sciences & Teaching    | 2068                   | 11.63             | 6850                      | 30.14             | 8918                            | 22.01                      |
| 7.             | Misc. Vacancies for Graduates | 6539                   | 36.77             | 4758                      | 20.93             | 11297                           | 27.88                      |
|                | <b>TOTAL</b>                  | 17783                  | 43.89             | 22731                     | 56.11             | 40514                           | 100.00                     |

**TABLE-8D**

Distribution of vacancies by State-wise and Faculty-wise for the year 1999.

| SI. No. | Name of the State                      | Engin-<br>eering | Techno-<br>logy | Agricul-<br>ture | Medi-<br>cine | Natural<br>Science | Social<br>Sci. &<br>Teach-<br>ing | Misc.<br>Vacan-<br>cies for<br>Graduates | Total<br>Cols.<br>3 to 9 | Percent-<br>age to the<br>Total |
|---------|--|------------------|-----------------|------------------|---------------|--------------------|-----------------------------------|--|--------------------------|---------------------------------|
| 1       | 2                                      | 3                | 4               | 5                | 6             | 7                  | 8                                 | 9  | 10                       | 11                              |
| 1.      | Andaman & Nicobar                      | 5                | -               | 7                | 4             | 26                 | 7                                 | 6  | 55                       | 0.14                            |
| 2.      | Andhra Pradesh                         | 406              | 6               | 383              | 978           | 349                | 589                               | 279                                      | 2990                     | 7.38                            |
| 3.      | Arunachal Pradesh                      | 1                | -               | 6                | -             | 18                 | 24                                | 2  | 51                       | 0.13                            |
| 4.      | Assam                                  | 171              | 3               | 12               | 24            | 26                 | 129                               | 135                                      | 500                      | 1.23                            |
| 5.      | Bihar                                  | 282              | 7               | 20               | 52            | 67                 | 135                               | 146                                      | 709                      | 1.75                            |
| 6.      | Chandigarh                             | 117              | -               | -                | 248           | 43                 | 57                                | 64                                       | 529                      | 1.31                            |
| 7.      | Chhattisgarh                           | -                | -               | -                | -             | -                  | -                                 | -  | -                        | -                               |
| 8.      | Dadra & Nagar Haveli                   | 1                | -               | -                | -             | -                  | 1                                 | -  | 2                        | 0.00                            |
| 9.      | Delhi                                  | 1587             | 25              | 177              | 1087          | 764                | 1068                              | 1083                                     | 5791                     | 14.29                           |
| 10.     | Goa, Daman & Diu                       | 116              | -               | 4                | 8             | 7                  | 10                                | 243                                      | 388                      | 0.96                            |
| 11.     | Gujarat                                | 253              | 3               | 31               | 103           | 42                 | 714                               | 5365                                     | 6511                     | 16.07                           |
| 12.     | Haryana                                | 87               | 1               | 61               | 70            | 58                 | 49                                | 26                                       | 352                      | 0.87                            |
| 13.     | Himachal Pradesh                       | 6                | -               | 28               | 9             | 37                 | 190                               | 65                                       | 335                      | 0.83                            |
| 14.     | Jammu & Kashmir                        | 16               | -               | 52               | 13            | 15                 | 3                                 | 52                                       | 151                      | 0.37                            |
| 15.     | Jharkhand                              | -                | -               | -                | -             | -                  | -                                 | -  | -                        | -                               |
| 16.     | Karnataka                              | 480              | 1               | 52               | 45            | 75                 | 130                               | 268                                      | 1051                     | 2.59                            |
| 17.     | Kerala                                 | 484              | 29              | 165              | 122           | 72                 | 678                               | 653                                      | 2203                     | 5.44                            |
| 18.     | Lakshadweep                            | 6                | -               | -                | 5             | -                  | -                                 | -  | 11                       | 0.03                            |
| 19.     | Madhya Pradesh                         | 341              | 2               | 31               | 184           | 129                | 158                               | 416                                      | 1261                     | 3.11                            |
| 20.     | Maharashtra                            | 1484             | 41              | 250              | 565           | 579                | 2531                              | 812                                      | 6262                     | 15.46                           |
| 21.     | Manipur                                | 5                | -               | 30               | -             | 13                 | 24                                | 11                                       | 83                       | 0.20                            |
| 22.     | Meghalaya                              | 2                | -               | 5                | 80            | 6                  | 50                                | 53                                       | 196                      | 0.48                            |
| 23.     | Mizoram                                | 7                | -               | 2                | 9             | 8                  | 4                                 | 9  | 39                       | 0.10                            |
| 24.     | Nagaland                               | 4                | -               | 3                | -             | -                  | -                                 | 7  | 14                       | 0.03                            |
| 25.     | Orissa                                 | 272              | -               | 29               | 29            | 69                 | 181                               | 161                                      | 741                      | 1.83                            |
| 26.     | Pondicherry                            | 16               | -               | 1                | 91            | 20                 | 12                                | -  | 140                      | 0.35                            |
| 27.     | Punjab                                 | 160              | 60              | 16               | 20            | 52                 | 71                                | 179                                      | 514                      | 1.27                            |
| 28.     | Rajasthan                              | 234              | 10              | 194              | 47            | 73                 | 109                               | 55                                       | 722                      | 1.78                            |
| 29.     | Sikkim                                 | -                | -               | 3                | 4             | -                  | -                                 | 1  | 8                        | 0.02                            |
| 30.     | Tamil Nadu                             | 341              | 11              | 107              | 91            | 24                 | 920                               | 128                                      | 1622                     | 4.00                            |
| 31.     | Tripura                                | -                | -               | -                | -             | 1                  | 7                                 | 68                                       | 76                       | 0.19                            |
| 32.     | Uttar Pradesh                          | 2040             | 76              | 117              | 1081          | 364                | 854                               | 613                                      | 5145                     | 12.70                           |
| 33.     | Utranchal                              | -                | -               | 1                | -             | -                  | -                                 | -  | 1                        | 0.00                            |
| 34.     | West Bengal                            | 1038             | 7               | 36               | 155           | 190                | 210                               | 394                                      | 2030                     | 5.01                            |
| 35.     | * State-wise break-up<br>not available | 12               | -               | 4                | -             | 9                  | 3                                 | 3  | 31                       | 0.08                            |
|         | <b>TOTAL</b>                           | 9974             | 238             | 1827             | 5124          | 3136               | 8918                              | 11297                                    | 40514                    | 100.00                          |

\* Relates mostly to vacancies notified by the Railway Recruitment Boards and some Vacancies notified to UPSC for which place of duty was not specified.

**TABLE-8E (1999)**

Discipline-wise vacancies notified during 1997, 1998 &amp; 1999.

| Sl. No. | Field of Study                | Total No. of Vavancies Notified during |       | % age increase/decrease in 1997 over 1998 | Total No. of vacancies notified during 1999 | % age increase/decrease in 1999 over 1997 | % age increase/decrease in 1999 over 1998 |
|---------|-------------------------------|--|-------|---|---|---|---|
|         |                               | 1997                                   | 1998  |   |   |   |   |
| 1.      | 2.                            | 3.                                     | 4.    | 5.  | 6.  | 7   | 8   |
| 1.      | Engineering                   | 7228                                   | 7188  | (-) 0.56                                  | 9974  | (+) 37.99                                 | (+) 38.75                                 |
| 2.      | Technology                    | 257                                    | 317   | (+) 23.34                                 | 238   | (-) 7.40                                  | (-) 24.93                                 |
| 3.      | Agriculture                   | 1815                                   | 1096  | (-) 39.62                                 | 1827  | (+) 0.66                                  | (+) 66.69                                 |
| 4.      | Medicine                      | 3611                                   | 2998  | (-) 16.98                                 | 5124  | (+) 41.89                                 | (+) 70.91                                 |
| 5.      | Natural Sciences              | 2101                                   | 2807  | (+) 33.60                                 | 3136  | (+) 49.26                                 | (+) 11.72                                 |
| 6.      | Social Sciences & Teaching    | 6189                                   | 9138  | (+) 47.64                                 | 8918  | (+) 44.09                                 | (-) 2.41                                  |
| 7.      | Misc. Vacancies for Graduates | 8821                                   | 9476  | (+) 7.42                                  | 11297                                       | (+) 28.06                                 | (+) 19.21                                 |
|         | <b>TOTAL</b>                  | 30022                                  | 33020 | (+) 9.98                                  | 40514                                       | (+) 34.94                                 | (+) 22.69                                 |

**TABLE-8F (1999)**

Discipline-wise out-turn of Graduates/Post-Graduates/Diploma during Academic year 1997 & 1998.

| Sl. No. | Disciplines/Faculty           | Persons who obtained Degree/Post-Graduates/Diploma (Number & Percentage) |                |         |                | Percentage change in 1997 over 1998 |
|---------|-------------------------------|--|----------------|---------|----------------|-------------------------------------|
|         |                               | * 1997   | % age to Total | ** 1998 | % age to Total |                                     |
| 1.      | 2.                            | 3.   | 4.             | 5.      | 6.             | 7                                   |
| 1.      | Engineering                   | 18448  | 2.00           | 23032   | 2.47           | (+) 24.85                           |
| 2.      | Technology                    | 6225   | 0.68           | 7182    | 0.77           | (+) 15.37                           |
| 3.      | Agriculture                   | 10782  | 1.17           | 9857    | 1.06           | (-) 8.58                            |
| 4.      | Medicine                      | 29360  | 3.19           | 30034   | 3.23           | (+) 2.30                            |
| 5.      | Natural Sciences              | 129665   | 14.08          | 140507  | 15.10          | (+) 8.36                            |
| 6.      | Social Sciences & Teaching    | 337927   | 36.69          | 339161  | 36.45          | (+) 0.37                            |
| 7.      | Misc. Vacancies for Graduates | 388592   | 42.19          | 380840  | 40.92          | (-) 1.99                            |
|         | <b>TOTAL</b>                  | 920999   | 100.00         | 930613  | 100.00         | (+) 1.04                            |

\* Adjusted to 127 Universities/Institution to make the data comparable with 1998.

\*\* Based on information received from 127 Universities/Institutions out of a total of 224

**TABLE-8G**

Distribution of vacancies notified according to Branches during 1999 and 1998.

| Sl. No. | Type of Vacancies               | 1999                      |                     | 1998                      |                     |
|---------|---------------------------------|---------------------------|---------------------|---------------------------|---------------------|
|         |                                 | No. of Vacancies Notified | Percentage to Total | No. of Vacancies Notified | Percentage to Total |
| 1       | 2                               | 3                         | 4                   | 5                         | 6                   |
| 1.      | Accountancy                     | 114                       | 0.28                | 289                       | 0.88                |
| 2.      | Accountancy, Chartered          | 158                       | 0.39                | 291                       | 0.88                |
| 3.      | Accountancy, Cost & Works       | 80                        | 0.20                | 100                       | 0.30                |
| 4.      | Accountancy, Management         | 12                        | 0.03                | 11                        | 0.03                |
| 5.      | Actuary                         | 4                         | 0.01                | -                         | -                   |
| 6.      | Aeronautical Engg.              | 156                       | 0.39                | 7                         | 0.02                |
| 7.      | Agricultural Bacteriology       | 9                         | 0.02                | 6                         | 0.02                |
| 8.      | Agricultural, Botany            | 47                        | 0.12                | 58                        | 0.18                |
| 9.      | Agricultural, Chemistry         | 50                        | 0.12                | 20                        | 0.06                |
| 10.     | Agricultural Engg.              | 44                        | 0.11                | 174                       | 0.53                |
| 11.     | Agricultural Economics          | 49                        | 0.12                | 36                        | 0.11                |
| 12.     | Entomology                      | 65                        | 0.16                | 32                        | 0.10                |
| 13.     | Agricultural Extension          | 103                       | 0.25                | 155                       | 0.47                |
| 14.     | Agricultural Marketing          | 9                         | 0.02                | 5                         | 0.02                |
| 15.     | Agricultural Microbiology       | 22                        | 0.06                | 14                        | 0.04                |
| 16.     | Agricultural Meteorology        | 2                         | 0.00                | 2                         | 0.00                |
| 17.     | Agricultural Sociology          | 1                         | 0.00                | -                         | -                   |
| 18.     | Agricultural Statistics         | 25                        | 0.06                | 8                         | 0.02                |
| 19.     | Agricultural (Unspecified)      | 62                        | 0.15                | 46                        | 0.14                |
| 20.     | Agronomy                        | 292                       | 0.72                | 70                        | 0.21                |
| 21.     | Airconditioning & Refrigeration | 5                         | 0.01                | 6                         | 0.02                |
| 22.     | Aircraft Maintenance            | 40                        | 0.10                | 2                         | 0.00                |
| 23.     | Alcohol Technology              | -                         | -                   | -                         | -                   |
| 24.     | Allopathic Medicine (MBBS)      | 1160                      | 2.86                | 379                       | 1.15                |
| 25.     | Anaesthesia                     | 144                       | 0.36                | 134                       | 0.41                |
| 26.     | Anatomy                         | 22                        | 0.06                | 15                        | 0.05                |
| 27.     | Animal Nutrition                | 59                        | 0.15                | 11                        | 0.04                |
| 28.     | Animal Pathology                | 15                        | 0.04                | 18                        | 0.06                |
| 29.     | Anthropology                    | 25                        | 0.06                | 19                        | 0.06                |
| 30.     | Archaeology                     | 13                        | 0.03                | 5                         | 0.02                |
| 31.     | Architecture                    | 97                        | 0.24                | 107                       | 0.32                |
| 32.     | Arch/Civil                      | 42                        | 0.10                | 119                       | 0.36                |
| 33.     | Archives                        | 1                         | 0.00                | 2                         | 0.00                |
| 34.     | Art, Commerical                 | 50                        | 0.12                | 147                       | 0.45                |
| 35.     | Art, Fine                       | 91                        | 0.22                | 100                       | 0.30                |
| 36.     | Astronomy                       | 7                         | 0.02                | 1                         | 0.00                |
| 37.     | Automobile Engg.                | 36                        | 0.09                | 47                        | 0.14                |
| 38.     | Ayurvedic                       | 120                       | 0.30                | 34                        | 0.10                |
| 39.     | Banking                         | 306                       | 0.76                | 20                        | 0.06                |
| 40.     | Biology                         | 146                       | 0.36                | 176                       | 0.53                |
| 41.     | Botany                          | 161                       | 0.40                | 163                       | 0.49                |
| 42.     | Broadcasting & Television       | -                         | -                   | -                         | -                   |
| 43.     | Cardiology                      | 57                        | 0.14                | 32                        | 0.10                |
| 44.     | Catering                        | 11                        | 0.03                | 13                        | 0.04                |

Table-9 (1999-2000)

Types of posts for which suitable candidates could not be found by the UPSC as a result of advertisement and interview during the year 1999-2000.

| Sl. No.             | Name, category and nature of posts (with pay scale in Rs.)           | Classification   |         | Total No of Posts | Reser-ved | Unres-erved |
|---------------------|--|------------------|---------|-------------------|-----------|-------------|
|                     |  | -----<br>Group A | Group B |                   |           |             |
| 1.                  | 2.   | 3.               | 4       | 5                 | 6         | 7           |
| <b>ARCHITECTURE</b> |  |                  |         |                   |           |             |
| 1.                  | Training Officer<br>(Rs. 6500-10500)                                 | -                | 1       | 1                 | 1         | -           |
| <b>ENGINEERING</b>  |  |                  |         |                   |           |             |
| 2.                  | Senior Research Officer<br>(Electrical Engg.)<br>(Rs. 10000-15200)   | 1                | -       | 1                 | 1         | -           |
| 3.                  | Scientific Assistant,<br>(Mechanical)<br>(Rs.5500-9000)              | -                | 1       | 1                 | 1         | -           |
| 4.                  | Chief Engineer,<br>Grade-II<br>(Rs. 7450-11500)                      | -                | 2       | 2                 | 1         | 1           |
| 5.                  | Chief Instructor<br>(Seamanship and Navigation)<br>(Rs. 10000-15200) | 1                | -       | 1                 | -         | 1           |
| 6.                  | Junior Scientific Officer,<br>(Computer)<br>(Rs. 7500-12000)         | -                | 1       | 1                 | 1         | -           |
| <b>LANGUAGE</b>     |  |                  |         |                   |           |             |
| 7.                  | Translation Officer,<br>(Russian/English)<br>(Rs. 6500-10500)        | -                | 2       | 2                 | 2         | -           |
|                     |  | 70               |         |                   |           | Contd...    |
| 1.                  | 2.   | 3.               | 4.      | 5.                | 6.        | 7.          |
| <b>LEGAL</b>        |  |                  |         |                   |           |             |
| 8.                  | Legal Officer,<br>Grade-II<br>(Rs. 3000-4500)<br>(Pre-Revised)       | 1                | -       | 1                 | 1         | -           |
| 9.                  | Translator(Hindi Branch)   | -                | 2       | 2                 | 2         | -           |



(Rs. 5500-9000)

|     |   |   |   |   |   |   |
|-----|---|---|---|---|---|---|
| 10. | Public Prosecutor,<br>(Rs. 7450-11500)                          | - | 2 | 2 | 2 | - |
| 11. | Legal Officer,<br>Grade-II,<br>(Rs. 3000-4500)<br>(Pre-Revised) | 1 | - | 1 | - | 1 |
| 12. | Assistant Public Prosector,<br>(Rs. 6500-10500)                 | - | 2 | 2 | 2 | - |
| 13. | Sub Editor,<br>(Rs. 6500-10500)                                 | - | 2 | 2 | 1 | 1 |
| 14. | Senior Public Prosecutor,<br>(Rs. 8000-13500)                   | 1 | - | 1 | 1 | - |

### LIBRARY SCIENCE

|     |  |   |   |   |   |   |
|-----|--|---|---|---|---|---|
| 15. | Assistnat Editor (Punjabi)<br>(Rs. 2000-3500),<br>(Pre-Revised)              | - | 1 | 1 | - | 1 |
| 16. | Assistant Library<br>Information Officer,<br>(Language),<br>(Rs. 6500-10500) | - | 1 | 1 | - | 1 |
| 17. | Director,<br>National Library<br>(Rs. 22400-24500)                           | 1 | - | 1 | - | 1 |

### MEDICAL

|     |   |    |   |   |   |          |
|-----|---|----|---|---|---|----------|
| 18. | Neurologist,<br>Specialist Grade-II,<br>(Rs. 12000-16500)                               | 1  | - | 1 | 1 | -        |
| 19. | MedicalSpecialist/Physician<br>Specialist Grade-II,<br>(Rs. 3000-5000)<br>(Pre-Revised) | 5  | - | 5 | 5 | -        |
|     |   | 71 |   |   |   | Contd... |

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|    |    |    |    |    |    |    |
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| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
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|     |  |   |   |   |   |   |
|-----|--|---|---|---|---|---|
| 20. | Radio Diagnosis,<br>Specialist Grade-II,<br>(Rs. 3000-5000)<br>(Pre-Revised)                               | 1 | - | 1 | 1 | - |
| 21. | Pathologist/Assistant<br>Director (Pathology)<br>(Rs. 10000-15200)   | 2 | - | 2 | 2 | - |
| 22. | Microbiologist/<br>Bacteriologist/Assistant Director<br>(Microbiology)<br>(Rs. 3700-5000)<br>(Pre-Revised) | 3 | - | 3 | 3 | - |
| 23. | Medical Officer,<br>Grade-II,<br>(Rs. 2200-4000)<br>(Pre-Revised)  | 2 | - | 2 | 2 | - |

|     |   |   |   |   |   |   |
|-----|---|---|---|---|---|---|
| 24. | Neuro-Surgeon,<br>Specialist Grade-II<br>(Rs. 12000-16500)    | 1 | - | 1 | 1 | - |
| 25. | Deputy Director (Medical)<br>(Rs. 10000-15200)                | 1 | - | 1 | 1 | - |
| 26  | Medical Officer,<br>(Rs. 2200-4000)<br>(Pre-Revised)          | 1 | - | 1 | - | 1 |
| 27  | Scientific Officer<br>(Pharmacology)<br>(Rs. 8000-13500)      | 1 | - | 1 | - | 1 |
| 28  | Anaesthesia<br>Specialist Grade-II<br>(Rs. 10000-15200)       | 4 | - | 4 | 4 | - |
| 29  | Thoracic Surgeon,<br>Specialist Grade-II<br>(Rs. 10000-15200) | 1 | - | 1 | - | 1 |
| 30  | Medical Officer,<br>(Rs. 8000-13500)                          | 1 | - | 1 | 1 | - |
| 31  | Radiologist,<br>Specialist Grade-II<br>(Rs. 10000-15200)      | 3 | - | 3 | 3 | - |

72

Contd...

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| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
|----|----|----|----|----|----|----|

### NAVIGATION

|    |   |   |   |   |   |   |
|----|---|---|---|---|---|---|
| 32 | Nautical Officer,<br>(Rs. 12000-16500)                      | 3 | - | 3 | 2 | 1 |
| 33 | Instructor(Seamanship),<br>(Rs. 1640-2900)<br>(Pre-Revised) | - | 1 | 1 | - | 1 |

### SCIENTIFIC AND TECHNICAL

|    |   |   |   |   |   |   |
|----|---|---|---|---|---|---|
| 34 | Training Officer<br>(Hair and Skin Care)<br>(Rs. 6500-10500)                          | - | 1 | 1 | 1 | - |
| 35 | Assistant Works Manager<br>(Physicist)<br>(Rs. 2200-4000)<br>(Pre-Revised)            | 1 | - | 1 | 1 | - |
| 36 | Senior Epigraphical<br>Assistant (Arabic and Persian Inscriptions)<br>(Rs. 5500-9000) | - | 1 | 1 | - | 1 |
| 37 | Senior Technical Assistant<br>(Aircraft Evaluation)<br>(Rs. 6500-10500)               | - | 1 | 1 | - | 1 |

|    |  |   |   |   |   |   |
|----|--|---|---|---|---|---|
| 38 | Training Officer<br>(Hair and Skin Care)<br>(Rs. 6500-10500)           | - | 2 | 2 | 2 | - |
| 39 | Assistant Mineral Economist<br>(Rs. 8000-13500)                        | 2 | - | 2 | - | 2 |
| 40 | Scientific Assistant<br>(Chemical)<br>(Rs. 1640-2900)<br>(Pre-Revised) | - | 1 | 1 | 1 | - |
| 41 | Principal Civil Hydrographic<br>Officer<br>(Rs. 8000-13500)            | 1 | - | 1 | 1 | - |

### STENOGRAPHY

|    |  |    |           |   |   |   |
|----|--|----|-----------|---|---|---|
| 42 | Training Officer<br>(Secretarial Practice)<br>(Rs. 6500-10500) | -  | 1         | 1 | 1 | - |
|    |  | 73 | Contd.... |   |   |   |

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|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
|----|----|----|----|----|----|----|

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### TEACHING

|    |   |   |   |   |   |   |
|----|---|---|---|---|---|---|
| 43 | Professor in Civil<br>Engineering (Construction Management)   | 1 | - | 1 | - | 1 |
| 44 | Professor in Electrical<br>Engineering<br>(Rs. 4500-7300)<br>(Pre-Revised)                                | 1 | - | 1 | - | 1 |
| 45 | Assistant Professor in<br>Mechanical Engineering<br>(Fluid Mechanics)<br>(Rs. 3700-5700)<br>(Pre-Revised) | 1 | - | 1 | 1 | - |
| 46 | Senior Lecturer<br>(Radio-Diagnosis)<br>(Rs. 10025-15100)   | 1 | - | 1 | - | 1 |
| 47 | Professor (Bio-Chemistry)<br>(Rs. 14300-20100)  | 1 | - | 1 | - | 1 |
| 48 | Reader (Community Medicine)<br>(Rs. 12000-16350)  | 1 | - | 1 | - | 1 |
| 49 | Reader in Physiotherapy,<br>(Rs. 12000-16500)   | 1 | - | 1 | - | 1 |
| 50 | Assistant Professor<br>(Pharmacy)<br>(Rs. 12000-18000)  | 1 | - | 1 | 1 | - |
| 51 | Professor in Civil<br>Engineering (Survey),<br>(Rs. 4500-5700)<br>(Pre-Revised)                           | 1 | - | 1 | - | 1 |
| 52 | Lecturer in Electrical<br>Engineering<br>(Rs. 2200-4000)<br>(Pre-Revised)                                 | 1 | - | 1 | 1 | - |

|    |  |    |   |   |   |           |
|----|--|----|---|---|---|-----------|
| 53 | Professor (Radio-Diagnosis)<br>(Rs. 14300-20100)               | 1  | - | 1 | - | 1         |
| 54 | Lecturer in Electrical<br>Engineering<br>(Rs. 8000-13500)      | 1  | - | 1 | 1 | -         |
| 55 | Lecturer (Mechanical Engg)<br>(Rs. 2200-4000)<br>(Pre-Revised) | 1  | - | 1 | - | 1         |
|    |  | 74 |   |   |   | Contd.... |

| 1. | 2.   | 3. | 4. | 5. | 6. | 7. |
|----|--|----|----|----|----|----|
| 56 | Professor in Electrical<br>Engineering (Computers)<br>(Rs. 4500-7300)<br>(Pre-Revised)                               | 1  | -  | 1  | 1  | -  |
| 57 | Professor in Mechanical<br>Engineering (Heat Transfer)<br>(Rs. 4500-7300)<br>(Pre-Revised)                           | 1  | -  | 1  | 1  | -  |
| 58 | Lecturer in Mechanical<br>Engineering<br>(Rs. 8000-13500)  | 1  | -  | 1  | 1  | -  |
| 59 | Lecturer (Production Engg.)<br>(Rs. 8000-13500)  | 2  | -  | 2  | 2  | -  |
| 60 | Senior Lecturer (Anatomy)<br>(Rs. 10025-15100)   | 1  | -  | 1  | -  | 1  |
| 61 | Professor in civil<br>Engineering (Structures)<br>(Rs. 4500-7300)<br>(Pre-Revised)                                   | 1  | -  | 1  | -  | 1  |
| 62 | Lecturer in Electronics<br>and Electrical Communication<br>Engineering<br>(Rs. 2200-4000)<br>(Pre-Revised)           | 1  | -  | 1  | 1  | -  |
| 63 | Lecturer in English<br>(Rs. 2200-4000)<br>(Pre-Revised)  | 1  | -  | 1  | 1  | -  |
| 64 | Assistant Professor in<br>Civil Engineering<br>(Soil Engineering and Foundation)<br>(Rs. 3700-5700)<br>(Pre-Revised) | 1  | -  | 1  | 1  | -  |
| 65 | Professor in Mathematics<br>(Rs. 4500-7300)<br>(Pre-Revised)   | 1  | -  | 1  | 1  | -  |
| 66 | Lecturer in Physics<br>(Rs. 2200-4000)<br>(Pre-Revised)  | 2  | -  | 2  | 2  | -  |
| 67 | Lecturer in Tibetan<br>(Rs. 2200-4000)<br>(Pre-Revised)  | 1  | -  | 1  | -  | 1  |

| 1.                        | 2.   | 3. | 4. | 5.  | 6. | 7. |
|---------------------------|--|----|----|-----|----|----|
| 68                        | Lecturer(Medical Laboratory Technology)<br>(Rs. 8000-13500)              | 1  | -  | 1   | 1  | -  |
| 69                        | Lecturer(Civil Engineering)<br>(Rs. 8000-13500)                          | 1  | -  | 1   | 1  | -  |
| 70                        | Assistant Professor in Architecture,<br>(Rs. 3700-5700)<br>(Pre-Revised) | 1  | -  | 1   | 1  | -  |
| 71                        | Lecturer<br>(Computer Engineering)<br>(Rs. 8000-13500)                   | 1  | -  | 1   | 1  | -  |
| 72                        | Assistant Professor<br>(Mathematics)<br>(Rs. 3700-5700)<br>(Pre-Revised) | 1  | -  | 1   | 1  | -  |
| 73                        | Lecturer (Computer Science)<br>(Rs. 2200-4000)<br>(Pre-Revised)          | -  | 11 | 11  | 4  | 7  |
| 74                        | Lecturer (Economics)<br>(Rs. 2200-4000)<br>(Pre-Revised)                 | 1  | -  | 1   | 1  | -  |
| 75                        | Assistant Professor of Pathology,<br>(Rs. 10000-15200)                   | 1  | -  | 1   | 1  | -  |
| <b>TECHNOLOGY</b>         |  |    |    |     |    |    |
| 76                        | Training Officer<br>(Dress Making)<br>(Rs. 6500-10500)                   | -  | 5  | 5   | 4  | 1  |
| <b>VETERINARY SCIENCE</b> |  |    |    |     |    |    |
| 77                        | Quarantine Officer<br>(Rs. 8000-13500)                                   | 1  | -  | 1   | 1  | -  |
| <b>GRAND TOTAL</b>        |  | 75 | 41 | 116 | 80 | 36 |











| Sl. No. | Type of Vacancies  | 1999                      |                     | 1998                      |                     |
|---------|--|---------------------------|---------------------|---------------------------|---------------------|
|         |  | No. of Vacancies Notified | Percentage to Total | No. of Vacancies Notified | Percentage to Total |
| 1       | 2  | 3                         | 4                   | 5                         | 6                   |
| 45.     | Ceramics   | 6                         | 0.02                | -                         | -                   |
| 46.     | Chemical Engg.   | 408                       | 1.01                | 320                       | 0.97                |
| 47.     | Chemical Technology  | 9                         | 0.02                | 48                        | 0.15                |
| 48.     | Chemistry  | 516                       | 1.27                | 513                       | 1.55                |
| 49.     | Chemistry, Analytical  | 12                        | 0.03                | 11                        | 0.03                |
| 50.     | Chemistry, Bio   | 159                       | 0.39                | 84                        | 0.25                |
| 51.     | Chemistry, Industrial  | 4                         | 0.01                | 85                        | 0.26                |
| 52.     | Chemistry, In-organic  | 71                        | 0.18                | 32                        | 0.10                |
| 53.     | Cinematography   | 25                        | 0.06                | 17                        | 0.05                |
| 54.     | Civil (including Municipal)  | 1253                      | 3.09                | 1009                      | 3.06                |
| 55.     | Clinical Pathology & Bacteriology)                                     | 176                       | 0.43                | 164                       | 0.50                |
| 56.     | Combination of Natural Sciences  | 689                       | 1.70                | 724                       | 2.19                |
| 57.     | Combination of Social Sciences   | 29                        | 0.07                | 266                       | 0.81                |
| 58.     | Company Secretary-ship   | 2                         | 0.00                | 10                        | 0.03                |
| 59.     | Co-operation   | 125                       | 0.31                | 35                        | 0.11                |
| 60.     | Dairy Science  | 11                        | 0.03                | 7                         | 0.02                |
| 61.     | Dental Surgery   | 72                        | 0.18                | 22                        | 0.07                |
| 62.     | Dermatology  | 11                        | 0.03                | 11                        | 0.03                |
| 63.     | Dietetics  | 3                         | 0.01                | 6                         | 0.02                |
| 64.     | Economics  | 205                       | 0.51                | 942                       | 2.85                |
| 65.     | Education Teaching   | 4905                      | 12.11               | 3407                      | 10.32               |
| 66.     | Electrical Engg.   | 1590                      | 3.92                | 1100                      | 3.33                |
| 67.     | Electronics & Electrical Microwave/<br>Communication (including Radio) | 3041                      | 7.51                | 1353                      | 4.10                |
| 68.     | Elect/Mech.Engg.   | 330                       | 0.81                | 308                       | 0.93                |
| 69.     | English  | 408                       | 1.01                | 399                       | 1.21                |
| 70.     | Engineers Unspecified  | 647                       | 1.60                | 434                       | 1.31                |
| 71.     | Fibre Technology   | 3                         | 0.01                | -                         | -                   |
| 72.     | Film Direction   | 13                        | 0.03                | 4                         | 0.01                |
| 73.     | Fishery  | 82                        | 0.20                | 27                        | 0.08                |
| 74.     | Food Technology  | 15                        | 0.04                | 41                        | 0.12                |
| 75.     | Forensic Medicine  | 35                        | 0.09                | 7                         | 0.02                |
| 76.     | Forestry   | 18                        | 0.04                | 41                        | 0.12                |
| 77.     | Forging & Heat Treatment   | 6                         | 0.02                | 3                         | 0.01                |
| 78.     | Fuel Technology  | -                         | -                   | -                         | -                   |
| 79.     | General Surgery  | 166                       | 0.41                | 77                        | 0.23                |
| 80.     | Geography  | 73                        | 0.18                | 205                       | 0.62                |
| 81.     | Geology  | 84                        | 0.21                | 54                        | 0.16                |
| 82.     | Geology-Applied  | 3                         | 0.01                | 30                        | 0.09                |
| 83.     | Geophysics   | 6                         | 0.02                | 33                        | 0.10                |
| 84.     | Glass Technology   | 6                         | 0.02                | 6                         | 0.02                |
| 85.     | Gynaecology & Obstetrics   | 86                        | 0.21                | 67                        | 0.20                |
| 86.     | Highways & Roads   | 1                         | 0.00                | -                         | -                   |
| 87.     | Hindi  | 762                       | 1.88                | 552                       | 1.67                |
| 88.     | History  | 168                       | 0.41                | 267                       | 0.81                |
| 89.     | Homeopathic  | 83                        | 0.20                | 6                         | 0.02                |
| 90.     | Home, Domestic Science/Eco.  | 100                       | 0.25                | 49                        | 0.15                |

| Sl. No. | Type of Vacancies                             | 1999                      |                     | 1998                      |                     |
|---------|---|---------------------------|---------------------|---------------------------|---------------------|
|         |   | No. of Vacancies Notified | Percentage to Total | No. of Vacancies Notified | Percentage to Total |
| 1       | 2   | 3                         | 4                   | 5                         | 6                   |
| 91.     | Horticulture                                  | 122                       | 0.30                | 148                       | 0.45                |
| 92.     | Hoisery Technology                            | 2                         | 0.00                | 2                         | 0.00                |
| 93.     | Hotel Management                              | 39                        | 0.10                | 41                        | 0.12                |
| 94.     | Hydraulics & Dam                              | 1                         | 0.00                | -                         | -                   |
| 95.     | Industrial Management/ Business Manag. & Adm. | 210                       | 0.52                | 1142                      | 3.46                |
| 96.     | Instrument Engg.                              | 68                        | 0.17                | 50                        | 0.15                |
| 97.     | Insurance                                     | -                         | -                   | -                         | -                   |
| 98.     | Interior Decoration Display & Designing       | 5                         | 0.01                | -                         | -                   |
| 99.     | Intermediate & Dyes                           | 1                         | 0.00                | -                         | -                   |
| 100.    | Internal Combustion                           | 6                         | 0.02                | 29                        | 0.09                |
| 101.    | Journalism                                    | 46                        | 0.11                | 26                        | 0.08                |
| 102.    | Jute Technology                               | -                         | -                   | -                         | -                   |
| 103.    | Labour/Social Welfare                         | 3                         | 0.01                | 13                        | 0.04                |
| 104.    | Land Development                              | 3                         | 0.01                | 2                         | 0.00                |
| 105.    | Languages                                     | 485                       | 1.20                | 378                       | 1.15                |
| 106.    | Laryngology & Otolaryngology                  | 11                        | 0.03                | 15                        | 0.05                |
| 107.    | Law   | 267                       | 0.66                | 362                       | 1.10                |
| 108.    | Leather Technology                            | 13                        | 0.03                | 5                         | 0.02                |
| 109.    | Library Science                               | 189                       | 0.47                | 156                       | 0.47                |
| 110.    | Literature                                    | 13                        | 0.03                | 20                        | 0.06                |
| 111.    | Machine Tools and Die Sinking                 | 2                         | 0.00                | 23                        | 0.07                |
| 112.    | Malariology & Communicable Diseases           | -                         | -                   | -                         | -                   |
| 113.    | Marine Engg.                                  | 21                        | 0.05                | 32                        | 0.10                |
| 114.    | Mathematics                                   | 268                       | 0.66                | 373                       | 1.13                |
| 115.    | Mathematics Applied                           | 18                        | 0.04                | 44                        | 0.13                |
| 116.    | Mechanical Engg.                              | 1481                      | 3.66                | 1248                      | 3.78                |
| 117.    | Mech/Meatallurgical Engg.                     | 52                        | 0.13                | 157                       | 0.48                |
| 118.    | Medical Bio-Chemistry                         | 17                        | 0.04                | 10                        | 0.03                |
| 119.    | Medical Radiology & Electrology               | 130                       | 0.32                | 65                        | 0.20                |
| 120.    | Medical Specialist (MD/Ph.D) Unspecified      | 277                       | 0.68                | 289                       | 0.88                |
| 121.    | Metallurgical Engg.                           | 105                       | 0.26                | 130                       | 0.39                |
| 122.    | Maternity Child Welfare & Health              | 10                        | 0.02                | 2                         | 0.00                |
| 123.    | Meteorology                                   | 20                        | 0.05                | 2                         | 0.00                |
| 124.    | Microbiology (Medical)                        | 48                        | 0.12                | 73                        | 0.22                |
| 125.    | Microbiology (Science)                        | 71                        | 0.18                | 39                        | 0.12                |
| 126.    | Mining  | 147                       | 0.36                | 67                        | 0.20                |
| 127.    | Music Instrumental                            | 19                        | 0.05                | 39                        | 0.12                |
| 128.    | Music , Vocal                                 | 20                        | 0.05                | 81                        | 0.29                |
| 129.    | Museology                                     | 1                         | 0.00                | 2                         | 0.00                |
| 130.    | Mycology & Plant Pathology                    | 11                        | 0.03                | 7                         | 0.02                |
| 131.    | Naval Architecture                            | 24                        | 0.06                | 4                         | 0.01                |
| 132.    | Nursing                                       | 1581                      | 3.90                | 814                       | 2.47                |
| 133.    | Nutrition/Applied Nutrition                   | 2                         | 0.00                | 1                         | 0.00                |

| Sl. No. | Type of Vacancies                            | 1999                      |                     | 1998                      |                     |
|---------|--|---------------------------|---------------------|---------------------------|---------------------|
|         |  | No. of Vacancies Notified | Percentage to Total | No. of Vacancies Notified | Percentage to Total |
| 1       | 2  | 3                         | 4                   | 5                         | 6                   |
| 134.    | Occupational therapy                         | 9                         | 0.02                | 265                       | 0.80                |
| 135.    | Oceanography                                 | 12                        | 0.03                | 10                        | 0.03                |
| 136.    | Office Work                                  | 4339                      | 10.71               | 4134                      | 12.52               |
| 137.    | Oil, Fats & Waxes                            | 4                         | 0.01                | -                         | -                   |
| 138.    | Ophthalmic Medicine & Surgery                | 44                        | 0.11                | 18                        | 0.06                |
| 139.    | Orthopaedic Surgery                          | 41                        | 0.10                | 57                        | 0.17                |
| 140.    | Paediatrics                                  | 110                       | 0.27                | 58                        | 0.18                |
| 141.    | Paints, Pigments & Varnishes                 | 1                         | 0.00                | 1                         | 0.00                |
| 142.    | Paper Technology                             | 1                         | 0.00                | 5                         | 0.02                |
| 143.    | Petroleum technology                         | 2                         | 0.00                | 5                         | 0.02                |
| 144.    | Pharmaceutical & Fine Chemicals              | 7                         | 0.02                | 7                         | 0.02                |
| 145.    | Pharmacology, Medical                        | 57                        | 0.14                | 107                       | 0.32                |
| 146.    | Pharmacy                                     | 469                       | 1.16                | 141                       | 0.43                |
| 147.    | Philosophy                                   | 33                        | 0.08                | 21                        | 0.06                |
| 148.    | Physical Education                           | 106                       | 0.26                | 114                       | 0.35                |
| 149.    | Physiology (Medicine)                        | 21                        | 0.05                | 8                         | 0.02                |
| 150.    | Physiotherapy                                | 32                        | 0.08                | 21                        | 0.06                |
| 151.    | Physiology (Science)                         | 7                         | 0.02                | 9                         | 0.03                |
| 152.    | Physics                                      | 566                       | 1.40                | 340                       | 1.03                |
| 153.    | Physics Applied                              | 47                        | 0.12                | 19                        | 0.06                |
| 154.    | Physics, Bio                                 | 12                        | 0.03                | 3                         | 0.01                |
| 155.    | Physics, Chemistry & Math                    | 257                       | 0.63                | 269                       | 0.82                |
| 156.    | Physics, Mathematics                         | 183                       | 0.45                | 55                        | 0.17                |
| 157.    | Physics, Nuclear                             | 3                         | 0.01                | 25                        | 0.08                |
| 158.    | Plant Breeding & Genetics                    | 145                       | 0.36                | 47                        | 0.14                |
| 159.    | Plant Pathology                              | 67                        | 0.17                | 27                        | 0.08                |
| 160.    | Plant Physiology                             | 39                        | 0.10                | 34                        | 0.10                |
| 161.    | Plastic Technology                           | 15                        | 0.04                | 2                         | 0.00                |
| 162.    | Political Science                            | 109                       | 0.27                | 179                       | 0.54                |
| 163.    | Poultry Farming                              | 9                         | 0.02                | 7                         | 0.02                |
| 164.    | Printing Technology                          | 26                        | 0.06                | 68                        | 0.21                |
| 165.    | Preventive and Social Medicine               | 26                        | 0.06                | 9                         | 0.03                |
| 166.    | Production Engg.                             | 88                        | 0.22                | 139                       | 0.42                |
| 167.    | Psychiatry                                   | 31                        | 0.08                | 16                        | 0.05                |
| 168.    | Psychology                                   | 227                       | 0.56                | 40                        | 0.12                |
| 169.    | Psychology Medical                           | 22                        | 0.06                | 18                        | 0.06                |
| 170.    | Public Administration                        | 25                        | 0.06                | 46                        | 0.14                |
| 171.    | Public Health Engg.                          | 25                        | 0.06                | 6                         | 0.02                |
| 172.    | Public Health (Medicine)                     | 9                         | 0.02                | 18                        | 0.06                |
| 173.    | Research Methodology                         | -                         | -                   | -                         | -                   |
| 174.    | Rubber Technology                            | 2                         | 0.00                | 2                         | 0.00                |
| 175.    | Rural Science                                | -                         | -                   | 4                         | 0.01                |
| 176.    | Sanitary Science                             | 2                         | 0.00                | 2                         | 0.00                |
| 177.    | Sculpture                                    | 3                         | 0.01                | 1                         | 0.00                |
| 178.    | Secretarial and Commercial Work and Practice | 3                         | 0.01                | 24                        | 0.07                |
| 179.    | Silicate Technology                          | -                         | -                   | -                         | -                   |

| Sl. No. | Type of Vacancies                                    | 1999                      |                     | 1998                      |                     |
|---------|--|---------------------------|---------------------|---------------------------|---------------------|
|         |  | No. of Vacancies Notified | Percentage to Total | No. of Vacancies Notified | Percentage to Total |
| 1       | 2  | 3                         | 4                   | 5                         | 6                   |
| 180.    | Sociology/Social Work/<br>Social Science             | 270                       | 0.67                | 233                       | 0.71                |
| 181.    | Stage Crafts and Dramatics                           | 19                        | 0.05                | 11                        | 0.03                |
| 182.    | Soil Mechanic and Foundation                         | 79                        | 0.19                | 2                         | 0.00                |
| 183.    | Soil Science   | 77                        | 0.19                | 73                        | 0.22                |
| 184.    | Sound Engineering                                    | 4                         | 0.01                | 4                         | 0.01                |
| 185.    | Spectroscopy   | -                         | -                   | -                         | -                   |
| 186.    | Statistics   | 49                        | 0.12                | 44                        | 0.13                |
| 187.    | Statistics Mathematical                              | 41                        | 0.10                | 257                       | 0.78                |
| 188.    | Stats. Maths/Economics                               | 78                        | 0.19                | 366                       | 1.11                |
| 189.    | Structural Engineering                               | -                         | -                   | 30                        | 0.09                |
| 190.    | Sugar Technology                                     | -                         | -                   | 3                         | 0.01                |
| 191.    | Tele-Communication/Line<br>Communication/Engineering | 138                       | 0.34                | 247                       | 0.75                |
| 192.    | Textile Chemistry                                    | 4                         | 0.01                | 8                         | 0.02                |
| 193.    | Textile Dyeing and Printing                          | -                         | -                   | 2                         | 0.00                |
| 194.    | Textile Technology                                   | 61                        | 0.15                | 20                        | 0.06                |
| 195.    | Technological other (Unspecified)                    | 50                        | 0.12                | 92                        | 0.28                |
| 196.    | Tools Engineering                                    | 28                        | 0.07                | 23                        | 0.07                |
| 197.    | Town and Country Planning                            | 9                         | 0.02                | 8                         | 0.02                |
| 198.    | Tropical Medicine                                    | 2                         | 0.00                | -                         | -                   |
| 199.    | Tubercular Diseases                                  | 14                        | 0.03                | 26                        | 0.08                |
| 200.    | Unani Medicine                                       | 7                         | 0.02                | 9                         | 0.03                |
| 201.    | Vacancies Unspecified                                | 5773                      | 14.25               | 3347                      | 10.14               |
| 202.    | Venereology  | 19                        | 0.05                | 3                         | 0.01                |
| 203.    | Veterinary Science and Animal<br>Husbandry           | 304                       | 0.75                | 144                       | 0.44                |
| 204.    | Warehousing  | -                         | -                   | 10                        | 0.03                |
| 205.    | Water Conservation                                   | 4                         | 0.01                | 6                         | 0.02                |
| 206.    | Wood Technology                                      | 10                        | 0.02                | -                         | -                   |
| 207.    | Zoology  | 100                       | 0.25                | 130                       | 0.39                |
|         | <b>TOTAL</b>   | 40514                     | 100.00              | 33020                     | 100.00              |

## TABLE-10

Vacancies which could not be filled by State Public Service Commissions and Railway Recruitment Boards for want of suitable applicants during the year 1999.

| Sl. No. | Designation of the post and Scale of Pay | No. of Post | Reserv-ation | Qualification and Experience required |
|---------|--|-------------|--------------|---------------------------------------|
| 1.      | 2.                                       | 3.          | 4.           | 5.                                    |

### I. ENGINEERING AND TECHNOLOGY

|     |  |                   |   |   |
|-----|--|-------------------|---|---|
| 1.  | Lecturer in Sheet Metal and Welding Technology<br>(Rs. 2200-4000)                    | 1 SC:             | 1 | Degree in Engineering/Technology in the concerned subject.  |
| 2.  | Lecturer in Plastic Technology<br>(Rs. 2200-4000)                                    | 1 SC:             | 1 | Degree in Engineering/Technology in the concerned subject.<br>Must have passed All India Examination (GATE).                            |
| 3.  | Motor Vehicle Inspector Grade-II<br>(Rs. 5500-9000)                                  | 1 ST:             | 1 | Diploma in Automobile/Mechanical Engg. with experience in Vehicle fitted with Petrol/ Diesel Engine not less than one year.             |
| 4.  | Assistant Tester in the Tamil Nadu Industries Subordinate Service<br>(Rs. 5500-9000) | 1 MBC:            | 1 | Degree/Diploma in Electrical/Electronics Engineering. Practical experience for a period of 6 months in the field of Electrical Testing. |
| 5.  | Trainee Section Engineer (P.Way)<br>(Rs. 6500-10500)                                 | 8 Ex.M:           | 8 | B.E. in (Civil)/AMIE (Section A&B) in Civil Wing.   |
| 6.  | Trainee Section Engineer (Diesel) in Mechanical Department<br>(Rs. 6500-10500)       | 1 Ex.M:           | 1 | B.E. in (Mechanical)/AMIE (Section A&B) in Mechanical Wing.   |
| 7.  | Deputy Executive Engineer (Civil), Class-II<br>(Rs. 2200-4000)<br>(Pre-Revised)      | 11 ST:            | 3 | B.E in (Civil), 4 years experience in the practice of Civil Engg.   |
| 8.  | Deputy Executive Engineer (Electrical), Class-II,<br>(Rs. 8000-13500)                | 1 ST:             | 1 | B.E. in (Electrical)/B.E in (Electrical & Mechanical).<br>4 years experience in the practice of Electrical Engineering.                 |
| 9.  | Assistant Engineer (Electrical), Class-II<br>(Rs. 6500-10500)                        | 16 ST:<br>SEBC: 4 | 4 | B.E. in (Electrical)  |
| 10. | Deputy Town Planner, Class-I,<br>(Rs. 10,000-15,000)                                 | 8 ST:             | 1 | B.E. in (Architecture/Civil). Degree/Diploma in City/Town/Regional Planning. 5 years experience in Town Planning.                       |

| 1.  | 2.   | 3.                      | 4.             | 5.   |
|-----|--|-------------------------|----------------|--|
| 11. | Lecturer in Electrical Engg.<br>(RS. 8,000-13,500)                 | 9 ST:                   | 9              | Post graduate degree in the respective subject with at least 55% marks or its equivalent grade, and good academic record at degree level.  |
| 12. | Lecturer in Mechanical Engg.<br>(Rs. 8,000-13,500)                 | 15 ST:                  | 15             | -do-   |
| 13. | Lecturer in Mechanical Engg.<br>(Rs. 8,000-13,500)                 | 4 ST:                   | 4              | 1st Class B.E. in (Mechanical/Production). Knowledge of Gujarati/Hindi.  |
| 14. | Head of Department Computer Engineering<br>(Rs. 12000-16350)       | 1                       |                | 1st Class M.E./M.Tech., in Computer Engg. from a recognised University/Institution.  |
| 15. | Lecturer in Computer Engineering<br>(Rs. 12000-16350)              | 1 OBC:                  | 1              | B.E. Degree in Computer Engineering from a recognised University/Institute.  |
| 16. | Apprentice Diesel /<br>Electrical Assistant<br>(Rs. 3050-4590)     | 449 SC:<br>ST:<br>ES:   | 63<br>40<br>45 | S.S.C with I.T.I. in specified trades.   |
| 17. | Tractor Driver<br>(Rs. 825-1250) (PR)                              | 1                       |                | Diploma in Agriculture and Rural Engg. NTC in any of the following trades from ITI:- Mechanic (Tractor), Mechanic (Motor Vehicles). Mechanic (Diesel) or Fitter. Practical experience in the trade not less than one year. |
| 18. | Tractor Driver (Agriculture)<br>(Rs. 825-1250) (PR)                | 3                       |                | -do-   |
| 19. | Assistant Professor (Civil)<br>(Rs. 3700-5700) (PR)                | 1 ST:                   | 1              | 1st Class Master's degree in appropriate branch of Engineering/Technology, With 5 years experience in relevant field.  |
| 20. | Assistant Professor (Mechanical)<br>(Rs. 3700-5700) (PR)           | 2 ST:<br>DT(A):         | 1<br>1         | 1st Class Bachelor's/IIInd Class Masters degree in appropriate branch of Engineering/Technology with 5 years experience of teaching or research.   |
| 21. | Assistant Professor (Electrical)<br>(Rs. 3700-5700) (PR)           | 3 ST:<br>DT(A):<br>SBC: | 1<br>1<br>1    | do   |
| 22. | Assistant Professor of Computer Technology<br>(Rs. 3700-5700) (PR) | 2 SC:                   | 1              | 1st class Master degree in Appropriate branch of Engineering/Technology with 5 years exp. in relevant field.   |
| 23. | Head of Department Leather Technology,<br>(Rs. 3700-5700) (PR)     | 1                       |                | Master's degree in relevant subject. 5 years Industrial practical/Research experience.   |

| 1.  | 2.   | 3.              | 4. | 5.   |
|-----|--|-----------------|----|--|
| 24. | Joint Director of Technical Education<br>(Rs. 12,000-16,000)                   | 1 SC:           |    | 1 Bachelor's / Master's degree in Engineering or Technology withn 8 year's of Professional exp.  |
| 25. | Professor of Pharmaceutics<br>(Rs. 4500-7300)<br>(Pre-Revised)                 | 1 SC:           |    | 1 Ph.D in Pharmaceutical Science. 10 year's of teaching experience.  |
| 26  | Assistant Director (Technical),<br>(Rs. 3000-4500)<br>(Pre-Revised)            | 1 ST:           |    | 1 Master's degree in Engineering/Technology/ Technical Education.<br>5 year's of Industrial Practical/Research/ teaching experience.   |
| 27. | Head of Department,<br>Printing Technology<br>(Rs. 3700-5300)<br>(Pre-Revised) | 1               |    | Bachelor's degree in Printing Technology,<br>7 year's of Industrial/Practical/Teaching/<br>Research experience.  |
| 28. | Assistant Professor of<br>Instrumentation<br>(Rs. 3700-5700)<br>(Pre-Revised)  | 1 SC:           |    | 1 1st Class Master's degree in Appropriate branch of Engineering/Technology. 5 years experience in relevant field.   |
| 29. | Head of Department Medical<br>Electronics<br>(Rs. 3700-5300)<br>(Pre-Revised)  | 1               |    | Master's degree in Engineering/Technology/<br>Technical Education. 5 years of Industrial<br>Practical/Research experience.   |
| 30. | Principal Govt. Polytechnic<br>(Rs. 4500-7300)<br>(Pre-Revised)                | 1 ST:           |    | 1 Ph.D in Engineering/Technology with 10 years of experience in Engineering/Teaching/Research.   |
| 31. | Assistant Professor Applied<br>Mechanics<br>(Rs. 3700-5700)<br>(Pre-Revised)   | 1 SC:           |    | 1 1st Class Master's degree in Appropriate Branch of Engineering/Technology.<br>5 years experience in relevant field.  |
| 32. | Assistant Commissioner,<br>Food and Drugs                                      | 2 ST:<br>DT(A): | 1  | 1 Degree in Pharmacy/Pharmaceutical Chemistry/<br>Medicine.<br>Specialisation in Clinical Pharmaecology/<br>Microbiology. 5 year's exdperience of manu-<br>facturing/testing of drugs. |
| 33. | Town Planner<br>(Rs. 2200-3700)<br>(Pre-Revised)                               | 1 SC:           |    | 1 Degree/Diploma in Estate Management to Town Planning with one year experience of Town planning Degree/Diploma in Civil/Architecture with 1 to 4 years of experience.                 |
| 34. | Assistant Professor of Metallurgy<br>(Rs. 3700-5700)<br>(Pre-Revised)          | 1 DT(A):        | 1  | 1st class Master's degree/Bachelor's degree in Metallurgy/Metallurgical Engineering with 5 years of relevant experience in Engineering/Teaching.                                       |



| 1.  | 2.  | 3.                    | 4.          | 5.   |
|-----|---|-----------------------|-------------|--|
| 35. | Executive Engineer,<br>(Electrical Inspector)<br>(Rs. 3200-4625)<br>(Pre-Revised) | 1 ST:                 | 1           | Degree in Electrical/Mechanical Engineering.<br>7 years of experience as an Electrical Engineer. |
| 36. | Junior Engineer(Mechanical),<br>Grade-II,<br>(Rs. 1400-2300) (PR)                 | 22 SC:<br>ST:<br>OBC: | 3<br>2<br>4 | Diploma in (Mechanical Engineering).   |
| 37. | Permanent Way Inspector<br>Grade-III<br>(Rs. 1400-2300) (PR)                      | 6 SC:<br>ST:<br>OBC:  | 1<br>1<br>1 | Diploma in Civil / Mechanical/Electrical Engg.   |
| 38. | Section Engineer,<br>(Mechanical)<br>(R.s 2000-3200) (PRS)                        | 2                     |             | Degree in Mechanical Engineering.  |

## II. AGRICULTURAL & VETERINARY SCIENCE (INCLUDING TEACHING)

|     |   |                |           |  |
|-----|---|----------------|-----------|--|
| 39. | Deputy Director of Animal<br>Husbandry,<br>Class-I<br>(Rs. 10,000-15,200)                 | 2 ST:          | 2         | M.V.Sc & A.H / B.V. Sc & A.H. with 5 year's<br>experience of extension work in Animal<br>Husbandry.  |
| 40. | Assistant Director of Animal<br>Husbandry,<br>Class-II,<br>(Rs. 8000-14,050)              | 16 ST:         | 16        | M.V. Sc. & A.H. B.V. Sc & A.H. with 3 year's<br>experience of extension work in Animal<br>Husbandry.   |
| 41. | Inspector of Sericulture<br>(Rs. 2750-5960)<br>(Pre-Revised)                              | 2 ST:          | 2         | Master's degree in Sericulture/ Botany/Zoology.<br>Bachelore's degree in Agriculture.  |
| 42. | Senior Technical Assistant<br>Group-C,<br>(Rs. 1450-3710)<br>(Pre-Revised)                | 2 ST:          | 2         | Degree in Agriculture/Degree in Biology/Bio-<br>Chemistry as one of the subject with 2 year's exp.<br>in supervision of Storage of foodgrains. |
| 43. | Assistant Director (Sericulture)<br>Group-B, Gazetted<br>(Rs. 2100-4530)<br>(Pre-Revised) | 2 ST:<br>SC:   | 1<br>1    | Degree in Science, Post Graduate Diploma in<br>Sericulture with 3 year's practical experience<br>in Sericulture.                               |
| 44. | Veterinary Doctor<br>(Rs. 2200-4000)<br>(Pre-Revised)                                     | 1 SC:          | 1         | Bachelor's Degree in V.Sc. & A.H. from a<br>recognised University / Institution.   |
| 45. | Veterinary Assistant Surgeon,<br>(Rs. 2200-4000)<br>(Pre-Revised)                         | 447 SC:<br>ST: | 92<br>129 | B.V. Sc. & A.H. from any recognised University.  |

| 1.  | 2.   | 3.      | 4. | 5.   |
|-----|--|---------|----|--|
| 46. | Assistant Director Agriculture<br>(Rs. 2200-4000)<br>(Pre-Revised) | 105 ST: | 44 | B.Sc. (Agriculture) with 1st or 2nd class M.Sc (Agriculture) or B.Sc (Engg.) or B.Tech (Agri). |

### III. MEDICAL (INCLUDING TEACHING)

|     |   |   |                         |   |
|-----|---|---|-------------------------|---|
| 47. | Professor of Radio Diagnosis,<br>Class-I,<br>(Rs. 14,300-22,400)                      | 2 ST:                                       | 1                       | M.D. (Radio-diagnosis) M.D/M.S (Radiology) with 4 year's experience as Associate Professor in Radiology / 9 year's teaching experience as Assistant Professor.                    |
| 48. | Orthopaedic Surgeon,<br>Class-I<br>(Rs. 10,000-15.,200)                               | 1 ST:                                       | 1                       | M.B.B.S.<br>M.S. (Orthopaedic)  |
| 49. | Medical Officer,<br>Class-I,<br>(Rs. N.A.)  | 3 SC:                                       | 3                       | M.S degree of a recognised University/Institution with 5 year's experience in Medical Profession & Hospital.<br>10 year's experience as M.O. under any State/ Central Government. |
| 50. | Physiotherapist,<br>Group-B,<br>(Rs. N.A.).   | 2 SC:                                       | 2                       | Degree/Diploma in Physiotherapy from a recognised Institution.<br>2 year's experience in Rehabilitation Centre/ Artificial limb fitting Centres.                                  |
| 51. | Assistant Professor of Psychology-<br>Cum-Clinical Psychologist.<br>(Rs. 8000-13,500) | 1 SC:                                       | 1                       | P.G. degree in Ppsychology and P.G. diploma in Clinical Psychology.   |
| 52. | Assistant Surgeon,<br>(Rs. 8000-13,500)   | 1 ST:                                       | 1                       | M.B.B.S   |
| 53. | Health & Malaria Inspector<br>Grade-IV,<br>(Rs. 4500-7000)                            | 5 ST:                                       | 5                       | B.Sc (Chemistry with Sanitary Inspector Certificate/ Diploma issued by recognised Institute.  |
| 54. | Medical Officer,<br>(Rs. 2200-4000)<br>(Pre -Revised)                                 | 56 SC:<br>ST:<br>SCXSM:<br>STXSM:<br>SCWFF: | 28<br>18<br>6<br>3<br>1 | M.B.B.S<br>One year rotatory internship.  |
| 55. | Assistant Professor (Anatomy)<br>(Rs. 3700-5700)                                      | 2   |                         | A recognised Medical Qualification with 3 year's experience as Lecturer/Registrar/Demonstrator/ Resident after doing Post-Graduate in any Medical College.                        |
| 56. | Assistant Professor (Surgery)<br>(Rs. 3700-5700)                                      | 1   |                         | -do-  |

| 1.  | 2.  | 3.            | 4.  | 5.   |
|-----|---|---------------|---|------|
| 57. | Assistant Professor (O.B.G.)<br>(Rs. 3700-5700)                   | 1             |   | -do- |
| 58. | Assistant Professor (Cardiology)<br>(Rs. 3700-5700)               | 1             |   | -do- |
| 59. | Assistant Professor (Microbiology)<br>(Rs. 3700-5700)             | 1             |   | -do- |
| 60. | Assistant Professor (Bio-Chemistry)<br>(Rs. 3700-5700)            | 3             |   | -do- |
| 61. | Assistant Professor<br>Prev. & Social Medicine<br>(Rs. 3700-5700) | 2             |   | -do- |
| 62. | Assistant Professor(Urology)<br>(Rs. 3700-5700)                   | 1             |   | -do- |
| 63. | Assistant Professor (Nephrology)<br>(Rs. 3700-5700)               | 1             |   | -do- |
| 64. | Assistant Professor (C.T.S.)<br>(Rs. 3700-5700)                   | 1             |   | -do- |
| 65. | Assistant Professor (Pharmaecology)<br>(Rs. 3700-5700)            | 1             | A recognised Medical Qualification with 3 year's<br>experience as Lecturer/Registrar/Demonstrator/<br>Resident after doing Post-Graduation in any<br>Medical College. |      |
| 66. | Assistant Professor(Gastroentology)<br>(Rs. 3700-5700)            | 1             |   | -do- |
| 67. | Assistant Professor(Orthopaedics)<br>(Rs. 3700-5700)              | 1             |   | -do- |
| 68. | Assistant Professor<br>(Anaesthesiology)<br>(Rs. 3700-5700)       | 1             |   | -do- |
| 69. | Assistant Professor(Radiology)<br>(Rs. 3700-5700)                 | 1             |   | -do- |
| 70. | Assistant Professor(Chest & T.B.)<br>(Rs. 3700-5700)              | 1             |   | -do- |
| 71. | Assistant Professor(Pathology)<br>(Rs. 3700-5700)                 | 5 SC:<br>OBC: | 1<br>1  | -do- |
| 72. | Assistant Professor (Physiology)<br>(Rs. 3700-5700)               | 2             |   | -do- |

| 1.  | 2.   | 3. | 4.  | 5.   |
|-----|--|----|---|------|
| 73. | Professor (Microbiology)<br>(Rs. 4500-7300)      | 1  | A recognised Medical Qualification with 3 year's teaching experience as Lecturer/Registrar/Demonstrator/Resident after doing Post-Graduation from any Medical College.<br>At least 3 year's teaching experience as Associate Professor. |      |
| 74. | Professor (Bio-Chemistry)<br>(Rs. 4500-7300)     | 1  | A recognised Medical Qualification with 3 year's teaching experience as Lecturer/Registrar/Demonstrator/Resident after doing Post Graduation from any Medical College.<br>At least 3 year's teaching experience as Associate Professor. |      |
| 75. | Professor (Prev. & Soc. Med.)<br>(Rs. 4500-7300) | 1  |   | -do- |
| 76. | Professor (Paediatrics)<br>(Rs. 4500-7300)       | 1  |   | -do- |
| 77. | Professor (Chest & T.B.)<br>(Rs. 4500-7300)      | 1  |   | -do- |
| 78. | Professor (O.B.G.)<br>(Rs. 4500-7300)            | 1  |   | -do- |
| 79. | Professor (Psychitry)<br>(Rs. 4500-7300)         | 1  |   | -do- |
| 80. | Professor (Orthopaedics)<br>(Rs. 4500-7300)      | 1  |   | -do- |
| 81. | Professor (E.N.T.)<br>(Rs. 4500-7300)            | 1  |   | -do- |
| 82. | Professor (Radiology)<br>(Rs. 4500-7300)         | 1  |   | -do- |
| 83. | Professor (Physiology)<br>(Rs. 4500-7300)        | 1  |   | -do- |
| 84. | Professor (Pathology)<br>(Rs. 4500-7300)         | 1  | A recognised Medical Qualification. 3 year's exp. as Lecturer/Registrar/Demonstrator/Resident after doing Post-Graduation from any Medical College. At least 3 year's teaching experience as Associate Professor.                       |      |
| 85. | Professor (Microbiology),<br>(Rs. 4500-7300)     | 1  |   | -do- |
| 86. | Professor (Gen. Medicine),<br>(Rs. 4500-7300)    | 1  |   | -do- |

| 1.   | 2.   | 3. | 4.  | 5.   |
|------|--|----|---|------|
| 87.  | Professor (Skin & V.D.),<br>(Rs. 4500-7300)                    | 1  |   | -do- |
| 88.  | Professor (Gen. Surgery),<br>(Rs. 4500-7300)                   | 1  |   | -do- |
| 89.  | Professor (Anaesthesiology),<br>(Rs. 4500-7300)                | 1  |   | -do- |
| 90.  | Professor (Ophthalmology),<br>(Rs. 4500-7300)                  | 1  |   | -do- |
| 91.  | Assistant Professor (Microbiology),<br>(Rs. 3700-5700)         | 1  | A recognised Medical Qualification. 3 years Teaching experience as Lecturer/Registrar/ Demonstrator/ Resident after doing Post Graduation from any Medical College. |      |
| 92.  | Assistant Professor (Physiology)<br>(Rs. 3700-5700)            | 2  |   | -do- |
| 93.  | Assistant Professor (Bio-Physics)<br>(Rs. 3700-5700)           | 1  | A recognised Medical Qualification. 3 years teaching experience as Lecturer/Registrar/ Demonstrator/ Resident after doing Post Graduation from any Medical College. |      |
| 94.  | Assistant Professor (Bio-Chemistry)<br>(Rs. 3700-5700)         | 1  |   | -do- |
| 95.  | Assistant Professor (Pharmacology)<br>(Rs. 3700-5700)          | 1  |   | -do- |
| 96.  | Assistant Professor (Pathology)<br>(Rs. 3700-5700)             | 1  |   | -do- |
| 97.  | Assistant Professor (Microbiology)<br>(Rs. 3700-5700)          | 1  |   | -do- |
| 98.  | Assistant Professor (Forensic Med)<br>(Rs. 3700-5700)          | 1  |   | -do- |
| 99.  | Assistant Professor<br>(Prev & Social Med.)<br>(Rs. 3700-5700) | 1  |   | -do- |
| 100. | Assistant Professor (Gen. Medicine)<br>(Rs. 3700-5700)         | 1  |   | -do- |
| 101. | Assistant Professor (Paediatrics)<br>(Rs. 3700-5700)           | 1  |   | -do- |
| 102. | Assistant Professor (Chest & T.B)<br>(Rs. 3700-5700)           | 1  |   | -do- |

| 1.   | 2.  | 3.     | 4.  | 5.   |
|------|---|--------|---|------|
| 103. | Assistant Professor (O.B.G.)<br>(Rs. 3700-5700)             | 1      |   | -do- |
| 104. | Assistant Professor<br>(Aneesthesiology)<br>(Rs. 3700-5700) | 1      |   | -do- |
| 105. | Assistant Professor (Radiology)<br>(Rs. 3700-5700)          | 1      |   | -do- |
| 106. | Assistant Professor (Skin & V.D.)<br>(Rs. 3700-5700)        | 1      |   | -do- |
| 107. | Assistant Professor (Psychiatry)<br>(Rs. 3700-5700)         | 1      |   | -do- |
| 108. | Assistant Professor (Gen. Surgery)<br>(Rs. 3700-5700)       | 2      |   | -do- |
| 109. | Assistant Professor (Orthopaedics)<br>(Rs. 3700-5700)       | 2      |   | -do- |
| 110. | Assistant Professor (Ophthalmology)<br>(Rs. 3700-5700)      | 2      |   | -do- |
| 111. | Assistant Professor (E.N.T.)<br>(Rs. 3700-5700)             | 1      |   | -do- |
| 112. | Assistant Professor (Dentistry)<br>(Rs. 3700-5700)          | 1      |   | -do- |
| 113. | Ayurvedic Chikitsa Adhikaris<br>(RS. 7000-10980)            | 21 ST: | 20 Matric or equivalent in all subjects.<br>STXSM: 1 Recognised degree in Ayurveda not less than 5<br>year's duration from a recognised University.<br>Compulsory rotatory internship training. |      |
| 114. | Staff Nurse<br>(Rs. N.A.)                                   | 7 SC:  | 3 Matriculation or its equivalent and passed Nursing<br>and mid wifery examination from recognised<br>Institution.  |      |
| 115. | Pharmacist,<br>Grade-II<br>(Rs. 4000-6090)                  | 1 ST:  | 1 S.S.L.C.<br>Diploma in Pharmacy.  |      |
| 116. | Pharmacist (Ayurveda),<br>Grade-II,<br>(Rs. 3590-5400)      | 6      | S.S.L.C.<br>Ayurveda Pharmacist Training approved by<br>Government.   |      |
| 117. | Pharmacist,<br>Grade-II,<br>(Rs. 4000-6090)                 | 1 ST:  | 1 S.S.L.C. or its equivalent. Diploma in Pharmacy<br>(D.Pharma).  |      |

| 1.   | 2.  | 3.               | 4.     | 5.   |
|------|---|------------------|--------|--|
| 118. | Pharmacist,<br>Grade-II<br>(Rs. 4000-6090)  | 3                |        | Certificate or Ayurveda Compounders course recognised by the Government.<br>recognised by the Government.  |
| 119. | Pharmacist (Ayurveda),<br>(Grade-II)<br>(Rs. 1050-1660) (P.R)                       | 1                |        | S.S.L.C.<br>Certificate of Ayurveda Compounder's course recognised by the Government (Pharmacist in Ayurveda)  |
| 120. | Pharmacist (Ayurveda),<br>Grade-II<br>(RS. 1050-1660) (PR)                          | 16               |        | Certificate of Ayurveda Compounder's course recognised by the Government, Vaidya Sastri Certificate (Travancore)   |
| 121. | Lab Technician,<br>Grade-II<br>(RS. 3350-5275)                                      | 1 ST:            | 1      | S.S.L.C or equivalent.<br>Pass in Laboratory Technician course conducted by any of the Medical College.<br>Diploma in Lab Technician Course conducted by the Kasturba Medical College.   |
| 122. | Nurse (Ayurveda)<br>Grade-II,<br>(R.s 1050-1660) (PR)                               | 3                |        | S.S.L.C or equivalent<br>Certificate of Ayurveda Nurse Training course recognised by the Government.   |
| 123. | Staff Nurse (I.M.S.)<br>(Rs. 1350-2220) (PR)  | 1 ST:            | 1      | S.S.L.C. or its equivalent<br>Successful training for a period of not less than three years in general nursing.<br>In the case of women candidates, successful training for not less than 9 months in Midwifery from recognised Institution. |
| 124. | Staff Nurse<br>(Rs. 4500-7000)  | 3 ST:            | 3      | S.S.L.C or equivalent.<br>Successful Training for a period of not less than 3 years in General School of Nursing.  |
| 125. | Assistant Professor of<br>Pharmacology,<br>(Rs. 3700-5700)<br>(Pre-Revised)         | 1 ST:            | 1      | Master's degree in Pharmacology. 5 years of Teaching / Industrial / Research experience.   |
| 126. | Dean, Govt. Medical College,<br>(Rs. 4500-7300)<br>(Pre-Revised)                    | 1 ST:            | 1      | M.B.B.S and P.G degree in any branch of Medical Science. 10 year's experience of teaching as a Associate Professor / higher grade.   |
| 127. | Scientific Officer,<br>Drugs Control Laboratory<br>(Rs. 2000-3500)<br>(Pre-Revised) | 1 ST:            | 1      | Degree in Medical Science, Pharmacy or Pharmaceutical Chemistry 5 year's experience of testing of Drugs in Laboratory.   |
| 128. | Professor of Radiology<br>Rs. 4500-7300<br>(Pre-Revised)                            | 2 SC:<br>D.T(A): | 1<br>1 | M.D. (Radiology) or M.S. (Radiology) with 4 years of teaching experience as Associate Professor.   |

| 1.   | 2.  | 3.                      | 4.          | 5.   |
|------|---|-------------------------|-------------|--|
| 129. | Professor of Paediatrics Surgery,<br>(Rs. 4500-7300)<br>(Pre-Revised) | 1                       |             | M.Ch. (Paediatric Surgery).<br>4 years of teaching experience as Associate Professor.  |
| 130. | Lecturer in Gastroenterology<br>(Rs. 2200-4000)<br>(Pre-Revised)      | 1                       |             | D.M. (Gastroenterology)<br>Experience of research work will be given preference.   |
| 131. | Professor of Gastroenterology<br>(Rs. 4500-7300)<br>(Pre-Revised)     | 1                       |             | D.M.(Gastroenterology) or M.E. (Medicine) with 2 year of special training in Gastroenterology.<br>4 year's of teaching experience of Associate Professor.                      |
| 132. | Lecturer in Nephrology<br>(Rs. 2200-4000)<br>(Pre-Revised)            | 2 ST:                   | 1           | D.M. (Nephrology). Experience of research work will be given preference.   |
| 133. | Lecturer in Neuro-Surgery<br>(Rs. 2200-4000)<br>(Pre-Revised)         | 1 SC:                   | 1           | M.Ch. (Neurosurgery). Experience of research work will be given preference.  |
| 134. | Lecturer in Neurology,<br>(Rs. 2200-4000)<br>(Pre-Revised)            | 1 SC:                   | 1           | D.M.(Neurology). Experience of Research work will be given preference.   |
| 135. | Lecturer in Cardiology<br>(Rs. 2200-4000)<br>(Pre-Revised)            | 2 SC:<br>ST:            | 1<br>1      | D.M. (Cardiology). Experience of Research work will be given preference.   |
| 136. | Lecturer in Plastic Surgery<br>(Rs. 2200-4000)<br>(Pre-Revised)       | 1                       |             | M.Ch. (Plastic Surgery) / M.S (Plastic Surgery).<br>Experience of Research work.   |
| 137. | Lecturer in Tuberculosis<br>(Rs. 2200-4000)<br>(Pre-Revised)          | 3 ST:<br>DT(A):<br>SBC: | 1<br>1<br>1 | M.D. (Tuberculosis). Experience of Research work   |
| 138. | Blood Transfusion Officer,<br>(Specialist)<br>(Rs. 8000-13500)        | 1 SC:                   | 1           | M.B.B.S. degree.<br>Preference will be given to those having experience of blood transfusion.  |
| 139. | Perfusionist<br>(Rs. 2000-3500)<br>(Pre-Revised)                      | 1                       |             | M.B.B.S/Diploma in Medical Technology<br>Laboratory / B.Sc. Degree.  |
| 140. | Anaesthetist<br>(Rs. 2000-3500)<br>(Pre-Revised)                      | 2 ST:<br>NT(B):         | 1<br>1      | M.B.B.S. or equivalent.<br>P.G. in Anaesthesia/M.D. (General Medicine) with Diploma in Anaesthesia and experience as Anaesthetist in a big Hospital for not less than 5 years. |



| 1.   | 2.  | 3.                                | 4.               | 5.  |
|------|---|-----------------------------------|------------------|---|
| 141. | Nutritionist.<br>(Rs. 6500-10500)   | 1                                 |                  | M.Sc degree in Food and Nutrition. Practical exp. in Clinical Nutrition in burns for not less than one year.  |
| 142. | Associate Professor of Anatomy<br>(Rs. 3700-5700)<br>(Pre-Revised)                        | 4 ST:<br>DT(A):<br>SBC:<br>OBC:   | 1<br>1<br>1<br>1 | M.S.(Anatomy) or M.B.B.S with M.Sc(Anatomy), B.Sc. (Medical Anatomy) with 5 years of exp. as Lecturer in Anatomy.                                   |
| 143. | Associate Professor of Radiology<br>(Rs. 3700-5700)<br>(Pre-Revised)                      | 9 ST:<br>DT(A):<br>NT(B):<br>OBC: | 1<br>1<br>1<br>1 | M.D. (Radiology), M.S. (Radiology), 5 years of exp. as Lecturer in Radiology.   |
| 144. | Associate Professor of Preventive and Social Medicine<br>(Rs. 3700-5700)<br>(Pre-Revised) | 1 ST:                             | 1                | M.D (Social and Preventive Medicine). M.D (Community Medicine)/M.D. with D.P.H. years of experience as Lecturer in Preventive and Social Medicine.  |
| 145. | Associate Professor of Forensic Medicine<br>(Rs. 3700-5700)<br>(Pre-Revised)              | 1 ST:                             | 1                | M.D. (Forensic Medicine) with 5 years of experience as Lecturer in Forensic Medicine.   |
| 146. | Associate Professor of Bio-Chemistry<br>(Rs. 3700-5700)<br>(Pre-Revised)                  | 1 ST:                             | 1                | M.D (Bio-Chemistry or MBBS with M.Sc (Medical Bio-Chemistry or B.Sc(Medical Bio-Chemistry) with 5 years of experience as Lecturer in Bio-Chemistry. |
| 147. | Associate Professor of Pathology<br>(Rs. 3700-5700)<br>(Pre-Revised)                      | 1 ST:                             | 1                | M.D(Pathology) or Bacteriology or D.S.C. (Pathology) with 5 years of experience as Lecturer in Pathology.   |
| 148. | Professor of Preventive and Social Medicine,<br>(Rs. 4500-7300)<br>(Pre-Revised)          | 1 DT(A):                          | 1                | M.D(Social and Preventive Medicine/Community Medicine/Medicine with D.P.H), 4 years of teaching experience as Associate Professor or Reader.        |
| 149. | Associate Professor of Nephrology<br>(Rs. 3700-5700)<br>(Pre-Revised)                     | 1 SC:                             | 1                | D.M.(Nephrology) or M.D (Medicine) with 2 years training in Nephrology. 5 year's of experience as Lecturer in Nephrology.                           |
| 150. | Professor of Radiology<br>(Rs. 4500-7300)<br>(Pre-Revised)                                | 3 SC:<br>ST:<br>DT(A):            | 1<br>1<br>1      | M.D. (Radiology)/ M.S. (Radiology), 4 years of teaching experience as Associate Professor or Reader.  |
| 151. | ESI Medical Officer<br>(Assistant Surgeon)<br>(Rs. 2200-4000)<br>(Pre-Revised)            | 75 ST:                            | 1                | M.B.B.S or equivalent. Must be registered with Medical Council of India   |

| 1.   | 2.                                 | 3. | 4. | 5.  |
|------|------------------------------------|----|----|---|
| 152. | Professor (Ayurvedic)<br>(Rs. N.A) | 1  |    | Ayurvedic Brehaspati/Vachaspati, M.D. and Ph.D in relevant subject. Knowledge of Sanskrit. 3 years experience as Demonstrator/Tutor/Clinical. |

#### IV. TEACHING (ARTS, SCIENCE & COMMERCE)

|      |  |  |                              |   |
|------|--|--|------------------------------|---|
| 153. | School Assistant,<br>Grade-II,<br>(Rs. 2525-5390)            | 85 SC:<br>ST:<br>BCA:<br>BCB:<br>BCD:<br>PH: | 26<br>38<br>7<br>5<br>5<br>4 | Bachelor's degree and B.Ed, in concerned subject from any recognised University.  |
| 154. | Lecturer in English,<br>(Rs. 8000-13500)                     | 6 ST:  | 6                            | Post graduate degree in the respective subject with at least 55% marks and good academic record at degree level.              |
| 155. | Lecturer in Gujarati<br>(Rs. 8000-13500)                     | 1 ST:  | 1                            | -do-  |
| 156. | Accounts Officer,<br>Class-III<br>(Rs. 8000-13500)           | 2 SC:  | 2                            | C.A / ICWA  |
| 157. | Post Graduate Teacher (English),<br>(Rs. 6500-10500)         | 2 SC:  | 2                            | 2nd class Master's degree in English. Degree/ Diploma in Education/Teaching   |
| 158. | Lecturer in Banking<br>(Rs. 8000-13500)                      | 1 ST:  | 1                            | Post Graduate degree in the respective subject with at least 55% marks, good academic record at degree level.                 |
| 159. | Language Teacher (Arabic)<br>(Rs. 660-1050) (PR)             | 2 SC/ST                                      |                              | Degree in Arabic conferred or recognised by University. Pass In Arabic Teachers Exam.   |
| 160. | P.T. Junior Language Teacher<br>(Arabic),<br>(Rs. 3050-5230) | 1 SC/ST                                      |                              | A degree in Arabic conferred or recognised by the University.   |
| 161. | HSA Social Studies (Mathematics)<br>(Rs. 1350-1660)(PR)      | 2  |                              | Degree in concerned subejct with B.Ed. Experience as Clerk/Typist attender in the Education Dett. for not less than 5 years . |
| 162. | Assistant Professor,<br>Kathak Dance,<br>(Rs. 8000-13550)    | 1 SC:  | 1                            | Graduate with 50% marks as well as Post Graduate with 55% in the relevant subject.  |
| 163. | Assistant Professor,<br>Bharat Natyam,<br>(Rs. 8000-13550)   | 1 ST:  | 1                            | -do-  |

| 1.   | 2.  | 3.                | 4.     | 5.   |
|------|---|-------------------|--------|--|
| 164. | Assistant Professor,<br>Home Science,<br>(Rs. 8000-13550)                 | 5 SC:<br>ST:      | 2<br>2 | -do-   |
| 165. | Assistant Professor,<br>Urdu<br>(Rs. 8000-13550)                          | 4 SC:<br>ST:      | 2<br>2 | -do-   |
| 166. | Assistant Professor<br>Home Science/House Management,<br>(Rs. 8000-13550) | 4 ST:             | 3      | -do-   |
| 167. | Assistant Professor,<br>Music (Song)<br>(Rs. 8000-13550)                  | 2 ST:             | 1      | -do-   |
| 168. | Assistant Professor,<br>Music (Instrumental)<br>(Rs. 8000-13550)          | 5 SC:<br>ST:      | 1<br>3 | -do-   |
| 169. | HSA Social Studies (Male)<br>(Rs. 4600-7125)                              | 3                 |        | Degree with concerned subejct from the recognised University and B.Ed/B.T/LT. Experience as Clerk/ Typist/Attender in Edn. Department not less than 5 years. |
| 170. | HSA Maths (Male)<br>(Rs. 4600-7125)                                       | 7                 |        | -do-   |
| 171. | HSA Physical Science (Male)<br>(Rs. 4600-7125)                            | 3                 |        | -do-   |
| 172. | Lecturer in Hindi<br>(Rs. 2000-3200)<br>(Pre-Revised)                     | 3 ST:<br>DT(A): 1 | 1      | IIInd Class Bachelor's degree in Hindi or Master's degree (55%) with required specialisation.  |
| 173. | Registrar Govt. Art Institute<br>(Rs. 2000-3200)<br>(Pre-Revised)         | 1                 |        | Degree in Arts, Commerce or Science or Law. 5 years of Administrative experience.  |
| 174. | Joint Director<br>(Rs. 3200-4625)<br>(Pre-Revised)                        | 1 NT(C): 1        |        | Master's degree in Statistics/Mathematics/Economics. Diploma in Statistics. 7 years of relevant experience.  |

### V. SCINTIFIC AND TECHNICAL (INCLUDING TEACHING)

|      |   |       |   |  |
|------|---|-------|---|--|
| 175. | Junior Scientific Officer,<br>(Rs. 1785-4200) | 1 ST: | 1 | M.Sc in Chemistry.   |
| 176. | Lecturer in Botany<br>(Rs. 8000-13500)        | 3 ST: | 3 | Post graduate degree in the respective subject with at least 55% marks. Adequate knowledge of Gujarati or Hindi or both. |

| 1.   | 2.  | 3.                                     | 4. | 5.   |
|------|---|--|----|--|
| 177. | Lecturer in Chemistry<br>(Rs. 8000-13500)                     | 12 SC:<br>ST: 3                        | 2  | Post graduate degree in the respective subject with at least 55% marks . Adequate knowledge of Gujarati or Hindi or both.  |
| 178. | System Analyst,<br>(Rs. 4575-8400)                            | 3 SC:<br>ST: 2                         | 1  | A degree in Science along with Certificate in Computer system Analyst Programme Operator.  |
| 179. | Scientific Assistant ,<br>Grade-II<br>(Rs. 5900-9900)         | 1 ST:                                  | 1  | P.G. degree with Particular subject.   |
| 180. | Chief Analyst,<br>Group-A<br>(Rs. 3500-5700)<br>(Pre-Revised) | 1 ST:                                  | 1  | A degree in Science with Chemistry or BioChemistry or Food Technology. 3 years experience in the Analysis of Food.   |
| 181. | Apprentice Signal Maintainer,<br>Grade-III<br>(Rs. 3050-4590) | 17 EXM:                                | 17 | Higher Secondary (10+2) in Science with Physics and Mathematics.   |
| 182. | Apprentice Signal Maintainer,<br>Grade-II<br>(Rs. 4000-6000)  | 13 EXM:                                | 13 | Passed 1st year of B.Sc with Physics.  |
| 183. | Lecturer in Biology<br>(Rs. 6400-10640)                       | 1 STXSM:                               | 1  | Master's degree in Biology.  |
| 184. | Lecturer in Chemistry<br>(Rs. 6400-10640)                     | 4 SC:<br>SCXSM: 1                      | 3  | Master's degree in Chemistry.  |
| 185. | Lecturer in Physics,<br>(Rs. 6400-10640)                      | 8 SC:<br>ST: 3<br>SCXSM: 1<br>STXSM: 1 | 3  | Master's Degree in Physics.  |
| 186. | Lab Superintendent,<br>(Rs. 5000-8000)                        | 3 ST:                                  | 1  | B.Sc   |
| 187. | HSA Natural Science<br>(Rs. 4600-7125)                        | 2                                      |    | Degree with concerned subject from the recognised University and B.Ed/BT/LT.<br>5 years experience as Clerk/Typist/Attender in Edn. Deptt.   |
| 188. | Assistant Chemist,<br>(Rs. 1050-1830)<br>(Pre-Revised)        | 1                                      |    | Diploma (3 year's course) in Film Processing from a recognised Institution.<br>1 year experience in the Chemical Section of a Colour Processing Lab.<br>Graduate in Chemistry of a recognised University with 2 year's experience in the Chemical Section. |

| 1.   | 2.  | 3.              | 4.     | 5.  |
|------|---|-----------------|--------|---|
| 189. | Assistant Professor of Geology,<br>(Rs. 3700-5700)<br>(Pre-Revised) | 1 SC:           | 1      | Ph.D in Appropriate subject. 5 years experience in relevant field.  |
| 190. | Chief Bacteriologist,<br>(Rs. 2000-3500)<br>(Pre-Revised)           | 2 ST:<br>DT(A): | 1<br>1 | B.Sc degree (Microbiology), 3 year's experience of Bacteriological Analysis.  |
| 191. | Senior Geologist,<br>(Rs. 8000-13500)                               | 2 ST:<br>SBC:   | 1<br>1 | Post Graduate degree in Geology or its equivalent. Relevant experience of 5 years.  |
| 192. | Junior Geologist,<br>(Rs. 2000-3200)<br>(Pre-Revised)               | 3 ST:<br>DT(A): | 2<br>1 | Master's degree/Diploma in Geology or Applied Geology.  |
| 193. | Assistant Geologist,<br>(Rs. 6500-10500)                            | 2 ST:<br>SBC:   | 1<br>1 | Post Graduate degree in Geology or Applied Geology. 3 year's experience of Geological field.  |
| 194. | Scientist,<br>Grade-II<br>(Rs. 3000-4500)<br>(Pre-Revised)          | 1 SC:           | 1      | Master's degree in Science or Degree in Engineering (Chemical/Mechanical/Public Health/Environmental). 4 years of relevant experience.  |
| 195. | Senior Scientific Officer,<br>(Photo Division)<br>(Rs. N.A)         | 1               |        | B.Sc with Diploma in Photography from Institution of repute. Two years experience in an institution of repute in modern photographic techniques viz photo-micrography, UB.R. X-Ray, specliographic photography etc. |

## VI. LAW (INCLUDING TEACHING)

|      |   |        |   |  |
|------|---|--------|---|--|
| 196. | Assistant Public Prosecutor,<br>(Rs. 8000-13500)      | 11 ST: | 8 | A degree in Law from a University recognised by Law About 3 year's continuous and regular practice and experience on Criminal side of the bar.   |
| 197. | Civil Judge<br>(Rs. 9100-14050)                       | 2 ST:  | 2 | B.L. with 4 years of Bar experience at Bar.  |
| 198. | Assistant Advocate General<br>(Rs. 13500-16800)       | 4      |   | Professional degree in Law from a recognised University. 7 years experience as Advocate of Distt. Attorney.  |
| 199. | Junior Draftsman,<br>(Rs. 2200-4000)<br>(Pre-Revised) | 1 SC:  | 1 | Master degree or Higher degree in Law. 3 year's service as superintendent on legal side of the Law and Judiciary Department. Have practised as Solicitor/Attorneys of the High Court for one year and having experience of practice and procedures in the Court. |

| 1.   | 2.   | 3.  | 4.                           | 5.   |
|------|--|---|------------------------------|--|
| 200. | Appelloate officer,<br>(Rs. 3700-5000)<br>(Pre-Revised)                        | 1 SC:   | 1                            | Degree in Law and have held position of the rank of a Deputy Secretary for 3 years or 10 years of experience in Judicial Office. |
| 201. | Competent Authority<br>(Rent Control Act.)<br>(Rs. 2200-4000)<br>(Pre-Revised) | 2 SC:   | 1                            | Degree in Law and holding Judicial Office for 5 years as an advocate.  |
| 202. | Competent Authority,<br>(Rs. 3000-4500)<br>(Pre-Revised)                       | 2 SC:   | 1                            | Degree in Law of a statutory University. Holding the rank of Deputy Collector/Civil Judge for a period of not less than 3 years. |
| 203. | Judge, Co-operative Courts,<br>(Rs. 8000-13500)                                | 10 NT(B):<br>NT(C):<br>OBC:                         | 1<br>1<br>3                  | Have practised as an Advocate in High Court for 3 years.   |
| 204. | Civil Judge,<br>(Rs. 8000-13500)   | 51 SC:<br>ST:<br>DT(A):<br>NT(B):<br>NT(C):<br>SBC: | 15<br>15<br>5<br>6<br>3<br>7 | Have practised as an Advocate/Attorney/Pleader in the High Court for 3 years.  |
| 205. | Judge, Labour Court,<br>(Rs. 3200-4625)<br>(Pre-Revised)                       | 2 ST:<br>DT(A):                                     | 1<br>1                       | Degree in Law and have practised as an Advocate/ Pleader for 7 years.  |
| 206. | Assistant Professor, Law<br>(Rs. 8000-13550)                                   | 10 SC:<br>ST:                                       | 3<br>6                       | Graduate with 50% marks as well as Post Graduate with 55% in the relevant subject.   |

## VII. ADMINISTRATIVE (ADMINISTRATIVE OFFICER ETC.)

|      |   |                  |        |   |
|------|---|------------------|--------|---|
| 207. | Deputy Director,<br>Gujarat Statistical Service,<br>Class-I<br>(Rs. 8000-14050) | 6 ST:<br>SEBC:   | 3<br>3 | A Post Graduate degree in Arts or Science or Statistics as principal subject. 5 years experience gained after acquiring the above qualification.  |
| 208. | Joint Controller,<br>(Rs. 2410-4000)<br>(Pre-Revised)                           | 1                |        | B.A/B.Sc of a recognised University or its equivalent Successful completion of basic training course in Admn. From any recognised Institute. 10 years administrative experience in the Deptt. |
| 209. | Administrative Officer,<br>(Rs. 2000-3500)<br>(Pre-Revised)                     | 2 DT(A):<br>OBC: | 1<br>1 | Degree in Arts/Commerce/Science/ Law. 5 years of supervisory experience.  |

### VIII. MISCELLANEOUS (OFFICE WORK ETC.)

|      |  |                      |               |   |
|------|--|----------------------|---------------|---|
| 210. | Senior Stenographer,<br>(Rs. 2375-5040)  | 31 SC:<br>ST:<br>PH: | 15<br>15<br>1 | A Bachelor's degree. Pass in Typewriting and shorthand by Higher Grade in Telugu or English.  |
| 211. | Shorthand Reporter,<br>(Rs. 2930-5960)   | 1 SC:                | 1             | A Bachelor's Degree. Must have passed Shorthand and Typewriting in the Higher Grade.  |
| 212. | Chief Officer,<br>Class-II<br>(Rs. 6500-10500)   | 47 ST:               | 7             | A degree of a recognised University. Adequate knowledge of Gujarati, Hindi and English.   |
| 213. | Photographer<br>(Rs. 1520-2900)  | 1 SC:                | 1             | Must have passed SSLC Exam. Must be holder of a Diploma in Cinematography by recognised Institution. 2 years practical experience in Commercial Photography, Printing and developing. |
| 214. | Junior Training Officer in the Trade of Hotel Catering and Management<br>(Rs. 1520-2900) | 2 SC:                | 1             | Must have passed SSLC Exam. Must possess NTC or NAC or Diploma in Hotel Catering and Management. 3 years experience in Hotel Catering and Management.                                 |
| 215. | Technical Assistant<br>(Rs. 1520-2900)   | 1 SC:                | 1             | Must be Diploma holder in Cinematography which includes Photography or equivalent, 2 years practical experience in Photography.   |
| 216. | Urdu Reporter,<br>(Rs. 1520-2900)  | 2 SC:                | 1             | A pass in SSLC or equivalent. Passed in Urdu Senior Typewriting and Shorthand. Proficiency and experience in Urdu Shorthand will be preferred.  |
| 217. | Tamil Reporter,<br>(Rs. 1520-2900)   | 2 SC:                | 1             | A pass in SSLC or equivalent. Passed in Tamil Senior Typewriting and Shorthand. Proficiency and experience in Tamil Shorthand will be preferred                                       |
| 218. | Group-IV, Services (Typist)<br>(Rs. 3200-4900)   | 5 SC:                | 5             | SSLC with Typing qualification both English and Tamil Higher Grade.   |
| 219. | Group-IV Services,<br>(Steno-Typist)<br>(Rs. 3200-4900)                                  | 2 SC:                | 2             | SSLC with Typing qualification both English and Tamil Shorthand with Higher Grade.  |
| 220. | Junior Stenographer (English)<br>(Rs. 4000-6000)   | 14 SC:<br>ST:        | 7<br>7        | Matriculation with pass English. Minimum speed 80 w.p.m. in shorthand and 40 w.p.m. in Typing in English.   |
| 221. | Training Assistant Driver,<br>(Elect/Diesel)<br>(Rs. 3050/4590)                          | 299 EXSM:            | 299           | Matriculation Plus ITI qualification in any of the Trades in Fitter, Turner, Machinist, Electrician Instrument Mechanic, Millwright, Electronics, Mechanic (Diesel) etc.              |

| 1.   | 2.   | 3.                        | 4.      | 5.   |
|------|--|---------------------------|---------|--|
| 222. | Deputy Director,<br>(Rs. 7800-11660)                         | 1 SC:                     | 1       | Should be a retired Lt. Col./Major/Captain/ or equivalent ranks from Navy/Air Force.   |
| 223. | Junior Accounts Assistant,<br>(Rs. 4000-6000)                | 103 SC:<br>ST:<br>EXSM:20 | 23      | Bachelor's Degree.   |
| 224. | Accounts Clerk<br>(Rs. 3050-4590)                            | 18 SC:<br>ST:<br>EXSM: 3  | 4       | Matric   |
| 225. | Tr. Assistant Driver,<br>(N.A)                               | 20 SC:<br>OBC: 5          | 4       | Matriculation Plus ITI / Diploma holders.  |
| 226. | Technical Assistant<br>(Rs. 1200-2040)                       | 1                         |         | Pass SSLC or equivalent. 5 years experience in handling Marma Cases acquired from any Ayurveda College Hospital.                             |
| 227. | Watchman<br>(Rs. 1100-2790)                                  | 6 ESSST:                  | 6       | Pass in Std. VII or equivalent. 3 years of experience in the Armed Force, Navy or Air Force.   |
| 228. | Clerk -Typist<br>(Rs. 950-1500)                              | 1 EXSST:                  | 1       | SSLC, English Typewriting. (Lower KGTE/MGTE).  |
| 229. | C.A.,<br>Grade-II<br>(Rs. 1125-1720) (PR)                    | 1 ST:                     | 1       | SSLC or equivalent, KGTE English Typewriting(L) MGTE Malayalam Typewriting KGTE/MGTE Lower Grade Certificate in English/Malayalam Shorthand. |
| 230. | Tradesman (Hydraulics),<br>(Rs. 825-1250)(PR)                | 1 ST:                     | 1       | Pass in Std. VII.<br>JTSLC or THSLC or ITI or KGTE or KGCE or City Guilds Examinations in the concerend Trade (Hydraulics)                   |
| 231. | Tradesman (Smithy)<br>(Rs. 825-1250) (PR)                    | 1 ST:                     | 1       | Pass in VII standard.<br>JTSLC or THSLC or ITI/KGTE or KGCE or City Guilds Examination in the concerned trade (Smithy).                      |
| 232. | Confidential Assistant,<br>Grade-II,<br>(Rs. 1125-1720) (PR) | 4 ST:                     | 4       | SSLC or its equivalent.<br>English/Malayalam Typewriting (KGTE/MGTE) (Lower). English/Malayalam Shorthand(Lower).                            |
| 233. | L.D Typist,<br>(Rs. 950-1500) (PR)                           | 1 EXSST:                  | 1       | SSLC or equivalent.<br>English Typewriting/Malayalam Typewriting (Lower).  |
| 234. | Secretary,<br>(Rs. 10000-15200)                              | 1                         |         | Master's degree in Sanskrit/Marathi/History with 5 years of executive or administrative experience.  |
| 235. | Junior Stenographer (E)<br>(rs. 4000-6000)                   | 1 ST:                     | 1       | Matriculation with pass in English. Minimum speed of 80 w.p.m.   |
| 236. | Tr. Asst. Driver (Spl)<br>(Rs. 3050-4590)                    | 17 SC:<br>ST:             | 12<br>5 | Matriculation or 10th Class passed under 10+2 system Plus ITI. qualification in any of 13 trades.  |