

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

**DEPARTMENT OF TRAINING AND
TECHNICAL EDUCATION**

INFORMATION BULLETIN
WITH APPLICATION FORM

For

*ADMISSION TO
FULL-TIME DIPLOMA PROGRAMMES IN*

POLYTECHNICS

COMMON ENTRANCE TEST

2005

**TO BE CONDUCTED BY
BOARD OF TECHNICAL EDUCATION, DELHI
PITAMPURA, DELHI - 110 088.
WEBSITE: <http://tte.delhigovt.nic.in>**

GET - 2005

GOVERNMENT OF DELHI

Department of Training and Technical Education

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SH. R.S. SETHI
Principal Secretary

SH. CHANDRAKER BHARTI
Additional Secretary

SH. MUKESH PRASAD
Joint Secretary

COUNSELLING / ADMISSION CENTRES:

- Centre-I** TEST 1(Class 10th based) (For Engg./Technology based Diploma Courses)
G.B. PANT POLYTECHNIC
OKHLA, NEW DELHI-110020 Tel: 26826620
(For candidates applying for Diploma Courses in Architectural Assistantship, Automobile Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Construction Engineering, Electrical Engineering, Electronics & Communication Engineering, Electronics with specialization (a) Digital Electronics & Microprocessor System Design, (b) Medical Electronics, Garment Fabrication Technology, Instrumentation & Control, Interior Design, Mechanical Engineering, Mechanical Engineering with specialization in Maintenance Engineering, Medical Laboratory Technology, Plastic Engineering, Printing Technology, Production Engineering, Public Health & Environmental Engineering, Tool & Die Making)
Chief Admission Officer: Shri B.D.Mendiratta, Principal
- Centre-II** TEST 1(Class 10th based) (For Non-Engg. Disciplines)
WOMEN'S POLYTECHNIC (MEERABAI POLYTECHNIC)
MAHARANI BAGH, NEW DELHI-110065 Tel: 26318828, 26913078
(For candidates applying for Art for Drawing Teachers, Beauty Culture, Commercial Art, Fashion Design, Library Science, Textile Design)
Chief Admission Officer: Mrs. R. Darbari, Principal
- Centre-III** For TEST 2 & 3 (Class 12th based) (For candidates applying for Modern Office Practice English & Hindi)
BHAI PARMANAND INSTITUTE OF BUSINESS STUDIES
SHAKARPUR, OPP. MADHUBAN, DELHI-110092. Tel: 22543891, 22430057
Chief Admission Officer: Smt. N.Gupta, Principal
- Centre-IV** For TEST 4 (Class 12th based) (For candidates applying for Pharmacy)
AMBEDKAR POLYTECHNIC
SHAKARPUR, OPP. MADHUBAN, DELHI-110092. Tel: 22428339, 22023594
Chief Admission Officer: Smt N. Gupta, Principal
- Centre-V** (For TEST 5) (For candidates passing out from 10+2 Vocational Stream and ITI from Delhi Schools/Institutes and seeking admission directly to 2nd year of full time diploma courses in related disciplines through lateral entry)
PUSA POLYTECHNIC PUSA, NEW DELHI-110012 Tel: 25847822, 25843070
Chief Admission Officer: Sh. R.L. Yadav, Principal

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1. INTRODUCTION

The Department of Training and Technical Education, Government of National Capital Territory of Delhi, in its endeavor to provide technical manpower suited to varied needs of industry, imparts technical education and technological skills through various courses of study of different levels. Full-time Diploma courses in Engineering / Technology, Occupational and Secretarial/management based disciplines are offered at different AICTE approved Government Polytechnics, Privately managed Polytechnics and Government aided Institutions affiliated to the Board of Technical Education, Delhi..

For the academic session 2005-2006, The Department of Training & Technical Education plans to make admissions to first semester/ first year of various Full-time Diploma programmes being offered at Institutes affiliated to the Board of Technical Education, Delhi through the Common Entrance Test (CET 2005). Board of Technical Education, Delhi, under Department of Training & Technical Education shall conduct the test and shall announce the centers where the tests shall be held. ***CET 2005 shall also be applicable for candidates passing out from CBSE 10+2 (Vocational Engineering Stream)/ SCVT / NCVT from schools located in Delhi / ITIs affiliated to BTE, Delhi and seeking admission directly to the second year of Full-time Diploma Engineering courses in analogous disciplines through lateral entry.***

2. DIPLOMA LEVEL INSTITUTES TO BE COVERED UNDER CET 2005

GOVERNMENT INSTITUTIONS

PRINCIPAL

| | |
|---|------------------------|
| Ambedkar Polytechnic Shakarpur (Opp. Madhuban), Delhi – 110 092. Tel : 22428339, 22023594 | Smt. N. Gupta |
| Aryabhat Polytechnic G.T. Karnal Road, Delhi – 110 033 Tel: 27465281, 27426263 | Sh. I. J. Garg |
| Gobind Ballabh Pant Polytechnic Okhla, New Delhi – 110 020. Tel : 26826620 | Sh. B. D. Mendiratta |
| Guru Nanak Dev Polytechnic Sector – 15, Rohini, Delhi – 110 085 Tel : 27567819, 27860308, 27552645 | Sh. K.C.Chaudhary |
| Kasturba Polytechnic for Women Pitampura (Near T.V. Tower) Ring Road, Delhi – 110 034. Tel : 27325252,27325997 | Dr. (Smt). Aarti Kapur |
| Women's Polytechnic (Meera Bai Polytechnic) Maharani Bagh, New Delhi – 110 065. Tel :26318828, 26913078 | Smt. R. Darbari |
| Pusa Polytechnic Pusa, New Delhi – 110 012. Tel : 25847822, 25843070 | Sh. R.L.Yadav |
| Bhai Parmanand Institute of Business Studies Shakarpur (Opp. Madhuban), Delhi – 110 092 Tel : 22543891 | Smt. N.Gupta |

GOVT. SPONSORED INSTITUTIONS

| | |
|---|----------------|
| Tool Room & Training Centre Wazirpur Industrial Area, Delhi – 110 052. Tel : 27372745, 27372618, 27228516 | Sh. U.K. Gupta |
|---|----------------|

GOVT. AIDED INSTITUTIONS

Sarada Ukil School of Art
 66, Janpath, New Delhi – 110 002.
 Tel : 23321372, 23322971

PRIVATELY MANAGED AFFILIATED INSTITUTIONS

| | |
|--|----------------|
| Aditya Institute of Technology 107/9 Kishan Garh, Vasant Kunj, New Dehi – 110 070. Tel :26121328 (Tele Fax), 26125195, 26125497. | Sh. H.S. Dubey |
|--|----------------|

| | |
|---|-------------|
| Baba Hari Dass College of Pharmacy Jharoda Kalan, Najafgarh Road, New Delhi – 110 072. Tel 25315280, 25315268 | Sh. Subhash |
|---|-------------|

| | |
|--|----------------|
| Chhotu Ram Rural Institute of Technology Kanjhawala (Ghevra), Delhi – 110041. Tel : 25953892, 25953489 | Sh. M.L. Arora |
|--|----------------|

| | |
|---|--------------------|
| Father Agnel Polytechnic Gautam Nagar (Opp. Neeti Bagh), New Delhi – 110 049. Tel : 26859961, 26526627(Tele Fax), 26534864. | Sh. R.S. Chaudhury |
|---|--------------------|

| | |
|--|-----------------------|
| Guru Tegh Bahadur Polytechnic (G.H.P.S. Premises), Poorvi Marg, Vasant Vihar, New Delhi – 110 057. Tel : 26145171, 26140156, 26143766 Fax 26155305 | Lt. Gen. Gurdev Singh |
|--|-----------------------|

| | |
|---|----------------------|
| International Polytechnic for Women 171 A, Khirki Extension, Malviya Nagar, New Delhi –17 Tel :29542675 | Smt. Rosali Banerjee |
|---|----------------------|

| | |
|--|----------------|
| Marathwada Institute of Technology Mundka, New Delhi – 110 040. Tel :28342246, 28343320. | Sh. S.B. Ghate |
|--|----------------|

| | |
|--|---------------------|
| Rao Tula Ram Polytechnic Rao Tula Ram Marg, New Delhi – 110 021. Tel : 24670354. | Smt. Anubha Khullar |
|--|---------------------|

| | |
|---|-----------------|
| St. Lawrence Institute of Medical Science Geeta Colony Facility Centre, Delhi 110031 Tel 22056100, 22046100, Fax 22018888 | Dr. S.K. Sharma |
|---|-----------------|

| | |
|--|--------------------|
| Subramaniam Bharati College of Science & Technology, Holambi Khurd, Delhi – 110 082. Tel : 27700091 | Smt. Sanju Singhal |
|--|--------------------|

3. PROGRAMMES OFFERED & INTAKE CAPACITY

3.1 Brief details of the Programmes, Institutions and tentative intake for which admissions are likely to be made for academic session 2005-2006 through the CET 2005 are as follows (Subject to final decision of AICTE for 2005-06 academic session):

DIPLOMA COURSES (FT)

Admission to First Year

| DISCIPLINE | AP | AB | GB | GN | KP | WP | PP | BPI | TR | SU | AI | BH | CR | FA | GT | MI | RT | SB | IN | SL |
|---|----|-----|-----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| TEST -1 (10 th Based) | | | | | | | | | | | | | | | | | | | | |
| Architectural Assistantship. (3 years) | | 40 | | | | 45 | | | | | | | 30 | | | | 30 | | | |
| Art for Drawing Teacher (3 Yr) | | | | | | | | | | 20 | | | | | | | | | | |
| Automobile Engg. (3 Years) | | | 45 | | | | 40 | | | | | | | | 60 | | | | | |
| Beauty Culture (2 Years) | | | | | | 45 | | | | | | | | | | | | | | |
| Chemical Engg. (3 Years) | | | | 30 | | | | | | | | | | | | | | | | |
| Civil Engg. (3 Years) | | 60 | 60 | | | | 60 | | | | | | 60 | | | | | | | |
| Civil Engg (Construction) (3 Years) | | | | | | | 30 | | | | | | | | | | | | | |
| Commercial Art (3 Years) | | | | | | 50 | | | | | | | | | | | | | | |
| Computer Engineering (3 Yrs) | 45 | | | 45 | 45 | | | | | | 40 | | | 60 | 60 | | | | | |
| Electrical Engg. (3 Years) | | 60 | 60 | | | | 60 | | | | | | 60 | | 60 | | | | | |
| Electronics & Communication Engineering. (3Years) | | | | 45 | | 45 | 60 | | | | 40 | | 60 | 60 | 60 | 60 | | | | |
| Electronics Engineering (Digital Electronics) (3 Years) | 40 | | | | 40 | | | | | | | | 60 | | 60 | | | | | |
| Electronics Engineering(Medical Electronics) | 15 | | | | 15 | | | | | | | | 60 | | | | | | | |
| Fashion Design (3 years) | | | | | 40 | | | | | | | | | | | | | | 30 | |
| Garment Fab. Tech. (2 Years) | | 30 | | | | | | | | | | | | | | | | | | |
| Interior Design (3 Years) | | | | | | 50 | | | | | | | | | | | | | | |
| Instrumentation & Control (3 Years) | 30 | | | | | | | | | | | | 60 | | | | | | | |
| Library Science (2 Years) | | | | | | 45 | | | | | | | | | | | | | | |
| Mechanical Engg. (3 Years) | | 120 | 120 | 40 | | | 120 | | | | | | | | 60 | 60 | | | | |
| Mechanical Engg. (Maintenance Engg). (3 Years) | | 30 | | | | | | | | | | | | | | | | | | |
| Medical Lab Tech. (3 Years) | | | | | | 45 | | | | | 40 | 60 | | | | | | | | 60 |
| Plastic Tech. (3 Years) | | | 30 | 40 | | | | | | | | | | | | | | | | |
| Printing Technology (3 Years) | | | | | | | 50 | | | | | | | | | | | | | |
| Production Engg. (3 Years) | | | 45 | | | | | | | | | | | | | | | | | |
| Public Health & Environmental Engg. (3 Years) | | | | | 30 | | | | | | | | | | | | | | | |
| Textile Design (3 Years) | | | | | | | | | | | | | | | | | | | 60 | |
| Tool & Die Making (4 Years) | | | | | | | | | 30 | | | | | | | | | | | |
| TEST – 2 (12 ^h Based) | | | | | | | | | | | | | | | | | | | | |
| Modern Office Practice (English) (3 Years) | | | | | | 40 | | 120 | | | | | | 60 | | | | | | |
| TEST – 3 (12 ^h Based) | | | | | | | | | | | | | | | | | | | | |
| Modern Office Practice (Hindi) (3 Years) | | | | | | 20 | | 30 | | | | | | | | | | | | |
| TEST – 4 (12 TH Based) | | | | | | | | | | | | | | | | | | | | |
| Pharmacy (2 Years) | | | | | | 20 | | | | | 40 | 60 | 60 | | | | | 60 | | 60 |

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

| | |
|--|---|
| AP – Ambedkar Polytechnic | AI – Aditya Institute of Technology |
| AB – Aryabhat Polytechnic | BH – Baba Haridass College of Pharmacy & Technology |
| GB – G. B. Pant Polytechnic | CR – Chhotu Ram Rural Institute of Engineering & Technology |
| GN – Guru Nanak Dev Polytechnic | FA – Father Agnel Polytechnic |
| KP – Kasturba Polytechnic for Women | GT – Guru Tegh Bahadur Polytechnic |
| WP – Women's Polytechnic | MI – Marathwada Institute of Technology |
| PP – Pusa Polytechnic | RT – Rao Tula Ram Polytechnic |
| BPI – Bhai Parmanand Institute of Business Studies | SB – Subramaniam Bharati College of Science & Technology |
| TR – Tool Room & Training Centre | IN – International Polytechnic for Women |
| SU – Sarada Ukil School of Art | SL – St. Lawrence Institute of Medical Sciences |

TEST 5 : Lateral Entry of candidates from 10+2 Vocational Stream & ITI pass outs from Schools located in Delhi/ITIs affiliated to BTE, Delhi for admission to the 3rd Semester of Full Time diploma courses.

COURSES, INSTITUTES & INTAKE IN 3RD SEMESTER (CANDIDATES APPEARING FOR TEST 5)

| S.No | Name of the Course | Institutes and Number of seats Available (Subject to last years approved intake) | | | | | | | | | | | | |
|------|-----------------------------------|--|----|----|----|----|----|----|----|----|----|----|-----|--|
| | | AB | AP | GB | GN | PP | WP | AI | CR | FA | GT | MI | KPW | |
| 1. | Automobile Engineering | 0 | 0 | 5 | 0 | 4 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | |
| 2. | Civil Engineering | 6 | 0 | 6 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | |
| 3. | Electrical Engineering | 6 | 0 | 6 | 0 | 6 | 0 | 0 | 6 | 0 | 6 | 0 | 0 | |
| 4. | Electronics & Communication Engg. | 0 | 0 | 0 | 5 | 6 | 5 | 4 | 6 | 6 | 6 | 6 | 0 | |
| 5. | Digital Electronics | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 | 0 | 4 | |
| 6. | Medical Electronics | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 2 | |
| 7. | Mechanical Engineering | 12 | 0 | 12 | 4 | 12 | 0 | 0 | 0 | 0 | 6 | 6 | 0 | |
| 8. | Production Engineering | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9. | Printing Technology | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

LATERAL ENTRY TO SECOND YEAR IS APPLICABLE TO STUDENTS PASSING OUT ONLY FROM VOCATIONAL SCHOOLS LOCATED IN DELHI / ITI s AFFILIATED TO BTE, DELHI.

4. ABOUT THE COURSES

4.1 ARCHITECTURAL ASSISTANTSHIP (Offered at AB, WP, CR, RT)

The objective of this course is to make the students acquire skills in draughtsman ship, model making, preparing working drawings, specifications in the drawing and preparing rough estimates on area and volume basis. A diploma holder acquires knowledge of basic concepts of design, town planning, building construction, structural engineering and relevant work involved therein. The Architecture Department has well equipped computer labs where the students are given training on Architecture design related software.

4.2 ART FOR DRAWING TEACHERS (Offered at : SU)

4.3 AUTOMOBILE ENGINEERING (Offered at: GB, PP, GT)

Automobile Engineering, being an advanced and emerging area of technology, has shown an unprecedented growth and need due to the growing number of automotive vehicles. A conscious attempt has been made to design the Three Year Diploma course as per the requirement of the industry.

Specific Automobiles subjects are being taught besides basic sciences and allied subjects. Eight weeks' industrial training for the students has been made an integrated part of the curriculum whereby students can correlate their theoretical knowledge to the practical approach of problem solving.

The Departments of Automobile Engg. maintain well-equipped laboratories and workshops. Dedicated and well-qualified teaching faculty is available to guide the students.

4.4 **BEAUTY CULTURE (Offered at WP) Only for Girls**

Keeping in view the beauty and figure consciousness of modern society and also the need for Healthcare, this course imparts the basic knowledge of anatomy, physiology and dietics in relation to beauty, hair dressing and effects of cosmetics on human body. Students become capable of diagnosing and correcting fault and abnormalities of figure, skin and hair. Due stress is given to personality development. After the successful completion of the course, the students can work as beauticians and hairdressers in various beauty saloons and hotels. They can open their own beauty saloons or practice as beauty consultants. They can also work as sales promoters for various beauty products and equipment and also specialize in stage, television, film, photographic make-up and modeling.

4.5 **CHEMICAL ENGINEERING (Offered at: GN)**

Over the years, chemical industry has achieved spectacular growth because of its wide applications in various fields like fertilizers, agro-chemicals, insecticides, cement, plastics, textiles, pharmaceuticals, papers etc. The products based on chemical engineering process have entered in every aspect of human activity, contributing in remarkable way to improve the quality of life.

Seeing the expansion of chemical industry and requirement of trained manpower for the same, a three years Diploma course in chemical engineering with an intake capacity of 30 students was introduced.

This course has been designed to provide in-depth knowledge of the principles of chemical operation and latest techniques applicable to various industries.

4.6 **CIVIL ENGINEERING (Offered at: AB, GB, PP, CR)**

Curriculum for civil engineering has been designed for catering to the current as well as future needs of the civil engineering applications, such as surveying, concrete technology, building construction, soil mechanics, transport engineering, public health and environment engineering and computer applications with a view to contribute to generate the required competency profile of the diploma holders when they pass out of the polytechnic.

The Diploma holders are recruited for the construction industry in private and public sector or can start entrepreneurial ventures of their own.

4.7 **COMMERCIAL ART (Offered at WP) Only for Girls**

Commercial Art aims at developing creative abilities, artistic skills and understanding of human psychology in respect of preparation of advertising designs. The students are given the knowledge of basic design, lettering and typography, press layout, illustration, sketching, poster design and study of life, nature and objects. The course also trains the students in commercial photography. Diploma holders in Commercial Art can work as commercial artists/visualizers in advertising agencies or government organizations, as an artist with a publishing/newspaper house and also as art and craft teacher in teaching institutes. They can also work as graphic designer in TV and film industry and as an artist in computer field.

4.8 COMPUTER ENGINEERING (Offered at: AP, GN, KP, FA, GT)

Computer Engineering – an advanced and emerging area of technology has shown an unprecedented growth in every sphere of activity. A conscious attempt has been made to design the curriculum as per the requirement and need of the industry. Elective subjects like OOP, DBMS, Multi Media, Computing etc. are being taught besides basic sciences and allied subjects. Six months' industrial training and project have been made an integral part of the curriculum to enable the students to correlate their theoretical knowledge with the practical approach of problem solving. With equal importance given to hardware and software subject, most of the polytechnics maintain well-equipped and modernized DBMS Lab, Multi Media and Networking Lab with Internet facility, software lab, CAD lab and hardware lab. After successful completion of the course, students may secure jobs as software engineer, senior programmer, hardware engineer, maintenance engineer, computer faculty etc. The courses at Ambedkar Polytechnic and Kasturba Polytechnic follows the scheme of Multipoint Entry and Credit System for which details may be obtained from the institute concerned.

4.9 CIVIL ENGINEERING (CONSTRUCTION) (Offered at: PP)

The Department is equipped to train the students in the field of construction in civil engineering works. Since construction industry is highly specialized, six months field training on various construction jobs has been incorporated in curriculum.

4.10 ELECTRICAL ENGINEERING (Offered at: AB, GB, PP, CR, GT).

The course has been designed to provide practical and theoretical knowledge of conventional and emerging areas of electrical engineering with emphasis on electronics and software engineering. Most of the Polytechnics have well-established laboratories like electrical machine lab, electronics, electrical workshop, instrumentation and measurement lab, computer lab etc. After completion of course, students are equipped to handle areas like production of machines, installation, maintenance and servicing of electrical system. The students are employed in areas like marketing, software, production, sale and service and design engineering.

4.11 ELECTRONICS & COMMUNICATION ENGINEERING) (Offered at: GN, MB, PP, AI, CR, FA, GT, MI).

This course has been designed to provide in depth knowledge of theory & practical in the emerging & latest areas of electronics e.g., communication system, advanced communication, microprocessor etc. This course aims at making the students capable of testing & using different electronic devices, fabricating & maintaining professional and medical instruments, making and interpreting technical drawings, maintaining communication systems, understanding industrial process and communicating effectively. After completion of the course, students become eligible to get jobs in Electronics, Communication & Computer industries as technicians, supervisors, production engineers, sales & service Engineer etc. In Govt. sectors they get jobs in police, defence laboratories, AIR, Doordarshan, Videsh Sanchar, MTNL and as teachers in schools. The Diploma holders can become successful entrepreneurs in the field of repair and maintenance of electronic items. They can also improve their qualification through professional institutions such as I.E.T.E. etc. and become graduate engineers in the field of electronics.

4.12 ELECTRONICS ENGINEERING (DIGITAL ELECTRONICS) (Offered at: AP, KP, GT & CR)**ELECTRONICS ENGINEERING (MEDICAL ELECTRONICS) (Offered at: AP, KP & CR)**

Diploma in Electronics with specialization in Digital Electronics course has been defined and designed to meet the challenges of continuous technological changes and sound knowledge of latest areas. Various elective subjects are offered like Advanced Microprocessor, Digital System Design, Microprocessor based System Design, Communication Engineering, Principles of Instrumentation and Transducers, Product Development and Design, Imaging Techniques and Medical Electronics.

Departments maintain well-equipped and well established labs for different electronics and allied subjects e.g. Digital and Microprocessor Lab., Medical Electronics Lab, Communication Lab, Project Lab. etc. Facility to undertake project related activities with industry has been made an integral part of curriculum, which enables students to develop skills and know and the work culture of an industry.

After successful completion of the course students are absorbed for jobs in the fields like sales and marketing, production, customer support, servicing, development & as technicians etc. in various reputed companies like Tata Consultancy Services, C-Dot, Siemens, Tektronics, Philips etc. The courses at Ambedkar Polytechnic and Kasturba Polytechnic follows the scheme of Multipoint Entry and Credit System for which details may be obtained from the institute concerned

4.13 **FASHION DESIGN (Offered at KP, IN) Only for Girls**

Fashion Design is an area where academics and business overlap meaningfully. The course content has been designed to fill the vacuum that fashion in today's fast moving world always creates. It also equips the students with all the necessary tools to interact productively. Department builds professional competency in students by combining theory with extensive practical training. It introduces technology as a source of major core competency. It's not just computer software and CAD that the students are acquainted with, laboratories of the Department ensures that they are comfortable with the machinery used by garment manufacturing/textile industry. In addition to the craft of fashion technology, the students are given a thorough understanding in subjects like business management & apparel merchandising, communication techniques etc.

4.14 **GARMENT FABRICATION TECHNOLOGY (Offered at : AB)**

In this technology based Diploma course, the students are imparted theory and practical knowledge in the fields of garments and basic textiles, textile testing, basic fashion designing, sampling, computer aided designing, pattern development, layouts, production, quality control, project preparation, management and merchandising etc and given necessary industrial exposure. The Department is equipped with requisite infrastructural support and facilities. The passed out students are able to get placement as production managers/supervisors, Entrepreneurs, in textile-testing jobs or as senior executives, fashion co-coordinators, quality controllers, designers, Merchandisers, executives meeting technological needs of garment industry. This course has equal prospects for both boys and girls.

4.15. **INSTRUMENTATION & CONTROL (Offered at: AP, CR)**

This Diploma course has been started with a view of training students in the vastly emerging industries of India using new technologies like Petro-Chemical Engineering, Manufacturing Engineering, Aviation etc. All engineering industries connected with above areas have to rely on instrumentation such as measurement & instrumentation, quality control, calibration & testing etc. - all very much an essential part of the entire set up in any industry. To cop up with the modernization of Indian industry and quality control, the syllabus and objectives of teaching have been formulated to encompass the areas of computers, manufacturing engineering, robotics and industrial automation, which are now important areas of study. The course at Ambedkar Polytechnic follows the scheme of Multipoint Entry and Credit System for which details may be obtained from the institute concerned.

4.16 **INTERIOR DESIGN (Offered at WP)- Only for Girls**

Interior Design is an advanced and emerging area of a high employment potential because of an unprecedented consciousness and an urge for good living in the modern society due to availability and awareness of new materials and technologies in the field of interior design.

A conscious effort has been made to design this three-year diploma course as per needs of the industry. The course content includes CAD training on computers using the latest software, workshop practice in carpentry, fitting, welding, painting and polishing. Six weeks industrial training is an integral part of the course. To enhance the entrepreneurial

skills and generate self-employment specific subjects like Entrepreneurship and elements of Business Management are taught apart from basic subjects related to the field of Interior Design. Thus the students are prepared for both self-employment as well as wage employment.

4.17 LIBRARY SCIENCE (Offered at WP) Only for Girls

Library Science imparts thorough knowledge to manage and run the libraries scientifically. It trains the students for efficient handling of library correspondence, organize and arrange the resources of the library on scientific lines and assist the readers in the maximum exploitation of library resources. After completion of training, the students can take up jobs as librarians in schools, industrial training institutes, polytechnics, colleges and public libraries. They can also work in various academic, public and government libraries.

4.18 MECHANICAL ENGINEERING (Offered at AB, GB, GN, PP, GT, MI)

Mechanical Engineering Department comprises of various categories of Mechanical works. Welding, foundry, fitting, carpentry, painting & sheet metal shops are equipped with some of the latest & most sophisticated machines & tools like CNC transmitter, all geared central lathe, HMT lathe machine, sigma milling machine, tool grinder etc. and also with well-equipped labs like thermal engineering, strength of material, hydraulics, materials & metallurgy conforming to the norms & standards laid by the AICTE.

4.19 MECHANICAL ENGINEERING (MAINTENANCE) (Offered at: AB)

Diploma Engineers learns various aspects of engineering like operation and design pertaining to productivity. However, productivity is achieved only when the machine coupled with human skill is in full swing. In specialization of maintenance engineering, in addition to the basic operations, the necessity to maintain the machine, so that productivity does not fall, is the need of the hour. This is the state of the art technology where the students learn to ensure the management of smooth running of the industry. The important subjects being dealt with are General Mechanical Maintenance, Control & Pneumatics, Electrical & Electronic Maintenance, Metrology etc.

4.20 MEDICAL LAB TECHNOLOGY (Offered at : MB, AI, BH, SL)

Diploma programme in Medical Laboratory Technology primarily aims at imparting suitable training to enable the students to conduct various examinations on body fluids/ tissues and prepare reports. They are also taught to use and maintain equipment used in various clinical labs of the hospitals, to communicate effectively with doctors, patients and business organizations and manage different laboratories. A diploma holder can be appointed as a laboratory technician in laboratories of various departments in medical colleges, hospitals and private laboratories. They can also join pharmaceutical concerns

4.21 MODERN OFFICE PRACTICE (Offered at: WP, BPI, FA)

Modern Office Practice (English & Hindi) aims at enabling the students to attain proficiency in subjects like computer application, personality development and human relations, principles of management, business environment and law, business correspondence, communication skill etc. They are trained to handle office machine and equipment. The students are imparted training to use the most modern telecommunication systems. They are trained to process data in various computer applications as per current requirement. Students, thus trained, have various job opportunities as personal and confidential secretaries, executives, receptionist, telephone and telex operators, stenographers, typists and personal assistants in Govt. Departments, private organizations and public sectors

4.22 PHARMACY (Offered at: WP, BH, AI, CR, SB, SL)

Diploma course in Pharmacy imparts knowledge of manufacturing, synthesis, mode of action, uses and toxic effects of medicine. It deals with study of medicinally important drugs from natural sources. A practical training of 500 hrs.

in different hospitals and dispensaries is given to students after completion of two years course. Then they are registered as PHARMACIST. The trained diploma holders are absorbed in pharmaceutical companies as marketing personnel or as pharmacists in hospitals, dispensaries health centres and different pharmaceutical organizations.

4.23 **PLASTIC TECHNOLOGY (Offered at: GB, GN)**

The present age is called as "Age of Plastic". Plastics are the dominating material in the present age, and find uses in various fields such as textile, automobile, packaging, paint, rubber, electronics, chemical industries and space technology etc. The growth & advancement in the plastic and rubber industries led to the demand of trained manpower in the industries. The course has been designed to provide the in depth theoretical & practical knowledge of plastic processing and plastic testing apart from knowledge of mould designing & computer. Industrial training has been made an integral part of the curriculum. On completion of the course, students may be absorbed in production, QC and R&D department of various plastic related industries.

4.24 **PRINTING TECHNOLOGY (Offered at: PP)**

Facility of training in printing technology is available only in a very few institutes of the country. The Department provides theoretical knowledge & practical skills on various processes that govern the printing industry.

4.25 **PRODUCTION ENGINEERING (Offered at: GB)**

Department of Production Engineering came into existence to fulfill the special requirement of industries in the field of shop floor production and management. A student possessing diploma in industrially oriented course in production engineering is not only fit for production but also suitable to all other jobs available to mechanical engineering students.

4.26 **PUBLIC HEALTH & ENVIRONMENTAL ENGINEERING (Offered at : KP) Only for Girls**

This department is well equipped with the latest equipments required for water analysis, bacteriological analysis, air pollution testing, non-conventional sources of energy etc. For Public Health and Environmental Engineering employment opportunities may exist in Public Health departments, Municipal Corporation/Committees, State urban development authorities, Department of Environment & Forest, public and private industries and in research and development labs. Based on employment opportunities and need of the industry, a competency level is developed in the students who are sent to various industries and research institutes to gain the practical knowledge and in depth understanding of problems.

4.27 **TEXTILE DESIGN (Offered at: IN) Only for Girls**

Textile Design is the discipline revolving around the basic need of the mankind next to food and therefore, has ample opportunity for both wage employment as well as self-employment

4.28 **TOOL & DIE MAKING (Offered at: TR)**

Engineering Industries cannot function without proper press tools, moulds, fixtures, casting dies, gauges etc. The students of this Diploma course are provided training in the production of such tools of industrial use.

5. ELIGIBILITY FOR ADMISSION

Only Indian Nationals/sponsored candidates are eligible. However, depending on the infrastructure available in a particular Institute, there is provision of 15% supernumerary seats for Persons of Indian Origin/Foreign Nationals/Foreign students.

5.1 Educational Qualification

| TEST NUMBER/CODE | PROGRAMME | MINIMUM ELIGIBILITY |
|---------------------------------|--|--|
| 1 | For candidates applying for Diploma Courses in Architectural Assistantship, Art For Drawing Teachers, Automobile, Beauty Culture, Chemical, Civil, Commercial Art, Computer Engineering, Construction, Electrical, Electronics & Communication, Electronics with specialization (a) Digital Electronics & Microprocessor System Design, (b) Medical Electronics, Fashion Design, Garment Fabrication Technology, Interior Design, Instrumentation & Control, Library Science, Mechanical, Mechanical Engineering with specialization in Maintenance, Medical Lab. Technology, Plastic, Printing Technology, Production, Public Health & Environmental Engineering, Textile Design and Tool & Die Making, | Passed Xth class of 10+2 or Matric or any other exam recognized as equivalent to Xth class exam conducted by the Central Board of Secondary Education (CBSE) or an equivalent recognized board with minimum 45% marks in the aggregate of five subjects securing minimum 33% marks in each of English, Maths, Science (separately in Theory and Practical), Social Science and one additional language (which reflects higher marks). |
| Additional Aptitude Test | As above plus clearance of an aptitude test in Compositin and Design | As above plus clearance of an aptitude test in Composition and Design. |
| 2 | Modern Office Practice (English) | Passed Senior School Certificate Examination (class XII) of CBSE or an equivalent recognised board in any group of 10+2 (Academic) or any other examination recognized as equivalent to the Senior School Certificate with minimum 45% marks in the aggregate of best five subjects (including English) reflected in the mark sheet and securing minimum 33% marks in each individual subject taken in CBSE/equivalent. |
| 3 | Modern Office Practice (Hindi) | Passed Senior School Certificate Examination (class XII) of CBSE or an equivalent recognized board in any group of 10+2 (Academic) or any other examination recognized as equivalent to the Senior School Certificate with minimum 45% marks in the aggregate of best five subjects (including Hindi/ Sanskrit) reflected in the mark sheet and securing minimum 33% marks in each individual subject taken in CBSE/equivalent |

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

| TEST NUMBER/CODE | PROGRAMME | MINIMUM ELIGIBILITY |
|------------------|--|--|
| 4 | Pharmacy | <p>Passed Senior School Certificate Examination (class XII) of CBSE or any other examination recognized by the Pharmacy Council of India as equivalent to the Senior School Certificate Exam of the CBSE with English, Physics, Chemistry and either Mathematics or Biology with minimum 45% marks in aggregate of five subjects inclusive of English, Physics, Chemistry, Mathematics/Biology and one additional subject (which reflects higher marks) securing minimum 33% marks in each of English, Mathematics/Biology, Physics & Chemistry separately in Theory and Practical examinations and also in the additional subject.</p> |
| 5 | Lateral Entry for 10+2 (Vocational Stream)/ITI Pass out to the second year/3 rd semester of full time diploma courses in Automobile Engg., Electrical Engg., Electronics & Communication Engg., Mechanical Engg., Printing Technology, Production Engg. | <p>Passed 12th class of Vocational Stream of CBSE / Passed ITI/Apprenticeship from schools located in Delhi / ITI affiliated to BTE, Delhi respectively with subjects analogous to the Engg. Diploma Courses with minimum 60% in aggregate of all subjects reflected in the mark sheet of qualifying examination and minimum 40% marks in each subject of CET 2005 i.e. Applied Physics, Applied Chemistry and Applied Mathematics.</p> |

ANALOGOUS COURSES FOR LATERAL ENTRY

| VOCATIONAL COURSES | ANALOGOUS DIPLOMA COURSE |
|--|---|
| Structure and Fabricating Technology | Mechanical Engineering Production Engineering |
| Electrical Technology | Electrical Engineering |
| Electronics Technology | Electronics & Communication Engineering, Electronic Engg. (Digital Electronics), Electronics Engg. (Medical Electronics) |
| Air Conditioning and Refrigeration Technology | Mechanical Engineering, Electrical Engineering |
| Automobile Technology | Automobile Engineering |
| ITI TRADES | ANALOGOUS DIPLOMA COURSES |
| Motor Mechanic, Diesel Mechanic, Scooter Mechanic, Tractor Mechanic, Auto Electrician | Automobile Engineering |
| Auto Electrician, Wireman, Lineman, Electrician, Instrument Mechanic, Electroplater, Refrigeration & Air-conditioning | Electrical Engineering |
| Plumbing, Mason, Surveyor, Civil Draughtsman | Civil Engineering |
| Radio – TV Mechanic, Electronics | Electronics & Communication Engg., Digital Electronics, Medical Electronics |
| Process Cameraman, Book Binding, Hand Composing and Proof Reading, Letter Press M/C Minder, DTP and ITI/Apprenticeship in related trades i.e. Offset Printing, Plate Making, Retouching Artist, Mechanical Composing etc. | Printing Technology |
| Instrument Mechanic, Ref. & Air-conditioning, Draughtsman, Mech. Machinist, Grinder, Turner, Tool & Die Making, Pattern Maker, Machinist, Sheet Metal Worker, Forger and Heat Treater, Welder, Foundry Man, Carpenter, Steel Fabricator, Fitter, Moulder, Plastic Processing Operator, Dent beating and Spray Painting | Mechanical Engineering/Production Engg. |

Note

1. **Candidates who have appeared for their qualifying examination in 2005 and are awaiting results are also eligible to apply but their admission will be subject to the production of proof of having acquired minimum prescribed qualification.**
2. Candidates belonging to Scheduled Castes and Scheduled Tribes/ Widows or Wards of Defence Personnel/ Physically handicapped category will be allowed 5% relaxation marks in the minimum eligibility requirement. **However, condition of pass marks (i.e., 33% marks) in individual subject, separately for Theory and Practical, is uniformly applicable to all categories.**
3. Only candidates, **who have passed the qualifying examination including the subjects of the CET, i.e., Science (separately in Theory and Practical), Mathematics and English of class Xth for Test 1, English/ Hindi at 10+2 of any regular branch of 10+2 CBSE for Diploma in Modern Office Practice, Physics Chemistry and Mathematics / Biology (separately in Theory and Practical) and English of 10+2 of CBSE (or other qualifications recognized by PCI) for admission to Diploma in Pharmacy will be considered for admission in the first year of the Full Time Diploma Courses. Candidates passed with grace marks shall not be considered for admission.**
4. **Candidates who were earlier expelled or rusticated from any of the Polytechnics are not eligible for fresh admission.**
5. Candidates who have appeared at the annual exam of the year 2005 and are placed in **the compartment** or have been declared passed with grace marks shall **not be eligible** for admission for the year **2005-2006**, even if they pass the compartment exam on the day of counseling.
6. Admission through lateral entry shall be restricted to the candidates who passed CET-2005.
7. Candidates **opting for the Art based Disciplines** – Art for Drawing Teachers, Commercial Art, Fashion Design and Textile Design are **required to appear for an additional aptitude test** (comprising of Composition and Design) of 1 ½ hrs duration **on 5-6-2005**. Centres for aptitude test shall be indicated in the admit card. **Candidates must bring their own drawing boards, colours, pencils, water containers etc. Only the drawing sheets shall be provided for this purpose at the examination center.**
8. The subject “Science” is specific for the subjects of Physics, Chemistry and/or Biology /Natural Science and does not include Home Science etc.
9. The criteria for deciding the region of the candidate, who have passed/appearing in the qualifying examination through Patrachar/Correspondence/Open School, will be the location of the **study center (school)**. The candidate must have got himself/herself registered with any school for the purpose

5.2 Age Limit

Candidates should be below 21 Years as on 1st August of the admission year. The upper age limit will be relaxed by 5 years in case of SC/ST candidates, 2 years for women candidates and candidates who have passed their qualifying examination from schools situated in Resettlement colonies. Maximum age relaxation given to any candidate will, however, not exceed 5 years. No age relaxation is admissible to the candidates other than those specified above.

5.3. Physical Fitness

The applicant must be in good mental and physical health and should be free from any physical defects likely to interfere with active outdoor duties. One should satisfy the standards of physical fitness as laid down in the given format of medical certificate (Annexure 1) at the time of admission.

Note: Admission of the student shall stand cancelled ab-initio if any information supplied or document submitted is proved to be false/fake at any stage.

6. SEAT ALLOCATION

6.1 Region wise Allocation

85% of the total sanctioned intake of Government and Government aided Institutions shall be **filled by candidates** who have passed the **qualifying examinations** from **schools located in Delhi**.

15% seats shall be filled up by **candidates passing** the **qualifying exam from the schools** located **Outside Delhi**.

For admission to the 3rd Semester through lateral entry, there is no outside Delhi quota.

The criteria for deciding the region of the candidate for CET-2005, who have passed/appearing in the qualifying examination through Patrachar/Correspondence/Open School, will be the location of the **study center (school)**. The candidate must have got himself/herself registered with any school for the purpose.

6.2 MANAGEMENT QUOTA

10% seats of the sanctioned intake for each private non-minority institute and 50% seats of the sanctioned intake for the minority Institutes are reserved as 'management quota'. These seats are to be filled from amongst the candidates qualified in the Common Entrance Test conducted by the Board of Technical Education, Delhi as per their rank. .

The management of the respective privately managed institutes shall invite applications for admissions against the management quota of 10% seats for non-minority institutes and 50% seats for minority institutes with a provision that the candidates must submit the copy of the application to the Board of Technical Education, Delhi. **The admission against these management seats shall be conducted at the institute based on the merit as per the CET rank conducted by the BTE** for ensuring a transparent admission process. The institutes shall forward a copy of the list of admitted students as well as merit list of the applicants to the BTE and also to the Directorate.

In case of minority institutions, 50% of the sanctioned intake reserved as 'management quota' are to be filled up by the management out of the merit list supplied by the BTE based on the CET examination and the admissions shall be restricted to the particular minority in respect of which minority status has been accorded to the institutions.

Admission against seats falling vacant due to drop out students shall not be filled up either by Management of the Private Institutes or through central counseling

7. RESERVATION

For Private non-minority Polytechnics, including the rural Polytechnics, the extent of reservation shall be applicable to 90% of sanctioned intake in each discipline. For minority Polytechnics the extent of reservation shall be applicable to 50% of sanctioned intake. Reservations applicable in respect of Government, Government aided and privately managed Institutions (excluding the management quota shall be as follows:

7.1. SC Category: 15% of total number of seats in both Delhi and outside Delhi quota in each course of each polytechnic for fresh admission is reserved for candidates belonging to Scheduled Caste.

7.2. ST Category: 7.5% of the total number of seats in both Delhi and outside Delhi quota in each Course of each Polytechnic for fresh admission is reserved for candidate belonging to Scheduled Tribe.

Any unfilled seat (Government seats) reserved for Scheduled Castes will be treated as reserved for Scheduled Tribes

and vice versa, and will not be offered to other reserved categories.

7.3 OBC Category: 15% of total number of seats in both Delhi and outside Delhi quota in each course of each polytechnic for fresh admission is reserved for candidates belonging to OBC category.

NOTE 1 : For admission to a seat reserved for Scheduled Castes/Scheduled Tribes/OBCs, the candidate should submit a certificate in original from an approved district authority, indicating the Scheduled Caste/Tribe/OBC, to which the candidate belongs. A list of approved authorities is given below:

- (i) District Magistrate/Additional District Magistrate/Deputy Commissioner/Collector/Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary Magistrate/City Magistrate (not below the rank of 1st Class Stipendiary Magistrate), Sub-Divisional Magistrate/Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner.
- (ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
- (iii) Revenue Officer not below the rank of Tehsildar.
- (iv) Sub-Divisional Officer of the area where the candidate and/or his/ her family normally resides.
- (v) Administrator/Secretary to Administrator/Development Officer (Lakshadive & Minicoy Island).

2. Caste certificate in the name of the applicant from competent authority will have to be submitted along with the application without which the application will be considered under general category. In case of certificate on parent's name, admissions will be provisional. **For availing reservation under OBC category in Delhi State, Delhi OBC list shall be considered.**

7.4 Physically Handicapped: 3% of the sanctioned intake of each course in each polytechnic in both Delhi and outside Delhi quota in each course of each polytechnic for fresh admission are reserved for physically handicapped candidates.. A certificate of suitability as to whether the applicant is fit for undergoing the course applied for will have to be furnished from the Vocational Rehabilitation Center for Physically Handicapped, 9-11 Vikas Marg, Karkardooma, Delhi 92.

7.5 Defence Personnel: 5% of sanctioned intake of each course in each polytechnic in both Delhi and outside Delhi quota is reserved for children of Military/Para Military personnel in following order of preference:

- (i) Widows/wards of Defence personnel killed in action.
- (ii) Wards of serving personnel & Ex-servicemen disabled in action.
- (iii) Widows/wards of Defence personnel who died in peacetime with death attributable to Military service.
- (iv) Wards of Defence personnel disabled in peacetime with disability attributable to Military service.
- (v) Wards of ex-servicemen and serving personnel who are in receipt of Gallantry awards.
- (vi) Wards of ex-servicemen
- (vii) Wards of serving personnel.

Candidates will have to get their candidature certified by following authorities: -

- (i) Secretary, Kendriya Sainik Board, Delhi.
- (ii) Secretary, Rajya/Zila Sainik Board.

(iii) Officer-in-Charge, Record Office.

7.6 . NCC Cadets: 0.5% seats for each course in each polytechnic are reserved for NCC Cadets possessing 'A' Certificate.

7.7 Rural Category: 10% of the sanctioned intake in each Diploma Course offered at two rural polytechnics, namely CRRIT and Baba Haridas College of Pharmacy are reserved for candidates passing out from schools located in rural area. Reservation shall be applicable within the 10% allocation also. All rural seats shall be filled up through central counseling.

7.8 J& K Migrants: One seat, which will be supernumerary seat, is earmarked for Kashmiri migrants in each institute. Admission will be based on merit through CET 2005. First preference will be given to Kashmiri migrants registered in Delhi up to 11.6.2001. In case of seats remaining vacant, Kashmiri migrants settled outside Delhi will be considered. A certificate of competent authority for availing admission against Kashmiri migrant quota is to be produced by the candidates at the time of counseling/admission. Certificate to be issued by the Deputy Commissioner, Delhi or the Competent Authority outside Delhi. Photo Identity Card/Ration Card of the migrant must be produced at the time of counseling/admission. Candidates should report for admission at G.B.Pant Polytechnic, Okhla, on 25-7-2005 for centralised admission.

All reservations relating to SC/ST/OBC/DP/PH etc. shall be applicable for Delhi and outside Delhi students separately.

For Private Polytechnics, in respect of all reserved seats inclusive of SC and ST seats, any unfilled seat may be transferred to General category after exhausting the list of that particular reserved category for Delhi and outside Delhi region separately.

Note 1: Reservation of seats will be as per the policy of the State Govt. and will be subject to any change/amendment made by the Govt.

Note 2: Any seat (reserved or general) remaining unfilled in outside Delhi category will be transferred to Delhi seat of the same category. The order of conversion shall be OD (Reserved Category) →Delhi (Reserved Category)→Outside (General)→Delhi (General).

Note3: Benefit of reservation shall be available only if the category to which a candidate belongs is mentioned in the original application form. No request for changing the category at the time of admission shall be entertained.

8. BREAKUP OF SEAT DISTRIBUTION

Detailed allocation of seats for Government, Government aided and Private Polytechnics are given at Appendix B.

9. SALE OF INFORMATION BULLETIN AND APPLICATION FORM

Information Bulletin along with application form will be on sale from **25.04.2005 to 16.05.2005** on payment of **Rs.250/-per Test payable in the form of** a bank draft/pay order in favour of DDO, Board of Technical Education, Delhi payable at New Delhi/Delhi on all working days during 10 a.m. to 4.00 p.m. (Monday to Saturday except Gazetted holiday, if any) from Aryabhat Polytechnic, G. B. Pant Polytechnic, G. N. D. Polytechnic, Kasturba Polytechnic, Women's Polytechnic & Bhai Parmanand Institute of Business Studies. **Application forms will not be available at Pusa Polytechnic and Ambedkar Polytechnic.**

10. SALE OF INFORMATION BULLETIN BY POST

The Information Bulletin and application form for candidates residing outside Delhi can be obtained by registered post on payment of Rs.250/- in the form of a bank draft in favour of DDO, Board of Technical Education, Delhi payable at New Delhi/Delhi along with a self-addressed envelope of not less than 24x30 cms with a postage stamp of Rs 100/- affixed thereon

which **must reach the Controller of Examinations, Board of Technical Education, Muni Mayaram Marg, Pitampura, Delhi-110088 latest by 05.05.2005**. The amount once remitted shall not be refunded under any circumstances. The BTE will not be responsible for the delay, loss or damage of the information bulletin, if any, during the transit.

11. AVAILABILITY OF INFORMATION BULLETIN IN THE INTERNET

The copy of the Information Bulletin can be seen on the website of this Department (<http://tte.delhigovt.nic.in>). However, for the applications forms and the admit card, the request has to be sent by post to the **Controller of Examinations, Board of Technical Education, Muni Mayaram Marg, Pitampura, Delhi-110088 latest by 05.05.2005** along with Rs.250/- in the form of Demand Draft in favour of the DDO, Board of Technical Education, Delhi payable at Delhi/New Delhi and a self addressed envelope of 24x30 cm size affixed with stamp of Rs. 100/-

12. INSTRUCTIONS FOR FILLING UP & SENDING THE APPLICATION FORM

- 12.1 A candidate seeking admission to the full time diploma courses through CET-2005 is required to submit his/her application in the prescribed form appended at the end of the Information Bulletin.
- 12.2. Separate application forms are to be filled for each test. For Art based courses, candidates should submit two applications - indicating clearly their option for the additional aptitude test. No separate fees are to be remitted for aptitude test.
- 12.3. **(The candidate, before filling in the form, should satisfy himself/herself about his/her eligibility for admission to the programme he/she is applying for).** The candidate is required to go through the Information Bulletin carefully and acquaint himself/herself with all the requirements before filling in the application form.
- 12.4. The application form should be filled in English only.
- 12.5. Candidate shall fill in the application form all the required particulars except the roll number, in their own handwriting in BLOCK LETTERS neatly and legibly in blue or black ink in the prescribed boxes. Village, post office, Tehsil and district have to be abbreviated as Vill., P.O., Tehsil and Distt., respectively. Pin code number must be given in the space provided for the purpose.
- 12.6. The candidate should comply with the following instructions while filling in the application form:
- a) The candidate should write his/her name and the father's name in capital letters as given in secondary school certificate of the board or the university. Each box should contain only one letter and one box should be left blank between different parts of the name, as shown below:

NAME

| | | | | | | | | | | |
|---|---|---|---|---|---|--|---|---|---|---|
| S | A | N | J | Q | Y | | P | A | N | T |
|---|---|---|---|---|---|--|---|---|---|---|

- b) Before filling in the application form, it is advisable to write the names on a separate sheet of paper first to verify the correctness of spellings.
- c) Candidates should write the appropriate code numbers in the appropriate boxes provided in the application form.
- d) The date, month and year of birth should be written as per the Gregorian calendar and as given in the high school certificate of the board or the university.
- e) Numerals 01-09 and 10-31 for the dates, 01 to 12 for the months and the last four digits for the year of birth should be used as shown below.

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

1st January, 1973

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 1 | 1 | 9 | 7 | 3 |
|---|---|---|---|---|---|---|---|

31st December, 1973

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3 | 1 | 1 | 2 | 1 | 9 | 7 | 3 |
|---|---|---|---|---|---|---|---|

f) Complete postal address should be written in block letters: -

Candidates should not repeat their name or their father's name in the column meant for the address and should leave a box blank after each particular as shown below :

| | | | | | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | O | | 6 | 1 | | | P | O | C | K | E | T | | D |
| M | O | T | I | | | B | A | G | H | | I | | | |
| N | E | W | | D | E | | L | H | I | | | | | |
| PIN CODE | | | | | | | | | 1 | 1 | 0 | 0 | 2 | 1 |

- 12.7. Candidates should securely tie or staple their application form and admit cards. The candidates desiring to appear for the Aptitude Test shall also tie/staple an additional application form along with the application for Test 1. **The application form must not be folded.**
- 12.8. **Request for change in the particulars filled in the application form, including the reserved category, if any, by the candidates shall not be entertained under any circumstances.**
- 12.9. **Incomplete application forms, those having over-writing, mutilation or erasure or those received after the due date shall be summarily rejected.**

13. SUBMISSION OF APPLICATION FORM

- 13.1 candidate is required to buy separate prospectus for each test . The fee for Aptitude test is included in the application fee for Test 1. **Candidates opting for Art-based courses have to appear in both Test 1 and the Aptitude test.**
- 13.2 Candidates are not required to send original or photocopies of any certificate or testimonials with the application form.
- 13.3 The candidates should submit their application form complete in all respects as per following instructions: -

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

| Test No. | Name & Address of the Centre Receiving Applications & Issuing Admit Cards | Last Date and closing time for Submission of Application |
|--|---|--|
| 1 (including Aptitude Test) 2, 3, 4 & 5 Application sent by Post for all Tests by outside Delhi candidates. While sending the application form, the candidate should also fill up the particulars in the admit card including signature and send it back in the envelope supplied by the Board after affixing stamp of Rs 50/- and appending his/her address on the envelope. | Pusa Polytechnic, Pusa, New Delhi-12 Kasturba Polytechnic, Muni Maya Ram Marg, Near T. V. Tower, Pitampura, Delhi-88. The Controller of Examinations Board of Technical Education Muni Maya Ram Marg, Near TV Tower Pitampura, Delhi-110 088. | 16.05.2005 by 4.00 PM. 16.05.2005 by 4.00 PM. 16.05.2005 by 4.00 PM. |

14. ADMIT CARD

- 14.1** The Admit Card (in duplicate), annexed with the bulletin, should be submitted by the applicant along with the application form, duly filled in, pasting passport size photographs in the space provided.
- 14.2** The Admit Card allotting the Roll No. and Centre of the entrance test will be issued in person for **Test 1 at Pusa Polytechnic** and for **Tests 2,3, 4 and 5 at Kasturba Polytechnic** from the receiving counter at the time of depositing the application form. For applications received by post at BTE from outside Delhi candidates, the admit cards shall be sent by the BTE by post in the self addressed stamped envelope provided by the candidate while submitting the application. The BTE, Delhi, shall not be responsible in any way for any loss, damage or delay of the admit card in transit which may have occurred due to any reason.
- 14.3** **The candidates must check the correctness of the Region, category, Test No., date, and time entered on their Admit card before leaving the window issuing the admit card. Representation against discrepancy, if any, brought to the notice of the controller of Examinations at a later date shall not be entertained.**
- 14.4** In case of **non receipt of admit card sent by post**, the candidate should contact the Controller of Examination, Board of Technical Education, Muni Mayaram Marg, Pitampura, Delhi - 110 088 **between 24th May, 2005 to 27th May, 2005 along with his/her three passport size photographs, application form number, acknowledgement receipt.**
- 14.5** In case of loss/damage of Admit Card, the candidate should contact the Controller of Examination, Board of Technical Education, Muni Mayaram Marg, Pitampura, Delhi - 110 088 for issue of duplicate admit card **between 24th May, 2005 to 27th May, 2005 along with his/her three passport size photographs, application form number, acknowledgement receipt and Rs 250/- in cash for getting duplicate admit card.**
- 14.6** Admit Card should be retained by the candidate till the Polytechnic/Department of Training & Technical Education finalizes the admissions. No duplicate admit card will be issued by the BTE, Delhi after the entrance test. **The candidates should ensure at the time of writing the examination that the Invigilator on duty in the examination hall signs their Admit Cards; otherwise he/she would be disqualified for admission.**

15. MODE OF THE TEST

- 15.1 The test paper, except for Pharmacy, will contain 150 objective-type questions in all. Each question will be provided with four alternative answers marked (1), (2), (3) and (4). Of these, only one correct or more appropriate answer should be selected and marked on the OMR sheet.
- 15.2 In Pharmacy, there will be total 210 questions, out of which the students have to attempt 150 questions by taking 60 questions either from Mathematics or from Biology. They have to indicate their option..
- 15.3 Each question shall carry four marks.
- 15.4 Tests will be of two hours and thirty minutes duration and will carry 600 marks. Candidates for Art based courses have to appear in Test 1 (which shall decide their merit rank) and also for a separate Aptitude Test for Art based courses of 1^{1/2} hours duration. The aptitude test shall be on 05.06.2005 at 2.00 PM to 3.30 PM for assessing the specific aptitude of the students.
- 15.5 A centre once allotted by the Board of Technical Education, Delhi will not be changed and no request in this regard will be entertained under any circumstances.
- 15.6 The medium of the tests will be English only.
- 15.7 The tests will be held in Delhi only.
- 15.8 No requests for re-checking, re-evaluation, re-assessment or scrutiny of answer-scripts will be entertained.
- 15.9 A candidate or his/her representative shall not be permitted to see the answer-scripts.
- 15.10 All disputes pertaining to the conduct of the tests and admission shall fall within the jurisdiction of courts located in Delhi.
- 15.11 For those who are unable to appear in the test on the scheduled date for any reason, the BTE under any circumstances will not hold re-test. No refund of fee is permissible.
- 15.12 The merit list of the Common Entrance Test (CET) will be displayed at the website of the DTTE, Delhi at <http://tte.delhi.govt..nic.in> on 16.06.2005 at 2200 hrs. and on the notice boards of the respective Counseling Centers on 17.6.05 at 1600 hrs. No separate intimation regarding declaration of results will be sent to the candidates.
- 15.13 Any change in the schedule of counseling will be notified on the notice board of the counseling centres. Candidate must see the notice boards of the respective counseling centres for information in this regard in his/her own interest. No separate communication will be sent in this regard.
- 15.14 Attempt of any malpractice / unfairness / impersonation in the examination shall invite punishment under the relevant BTE rules including legal action.

16. DETAILS OF COMMON ENTRANCE TEST (CET) 2005

16.1 TIME TABLE FOR CET 2005

| Test No. | Discipline | Date of Common Entrance Test | Time | Subjects for Entrance Tests | Display of Test wise Merit List at the Counselling Centres |
|----------|---|------------------------------|------------------------|--|---|
| 1 | All 10 th based diploma courses including Art for Drawing Teachers, Commercial Art, Fashion Design, Textile Design. | 04-06-2005 | 10 A.M. to 12-30 P.M. | Mathematics-(50Questions), Physics (40questions), Chemistry (30Questions), Biology (15Questions) & English (15Questions) as per CBSE syllabus for class IX Exam held in 2004 and CBSE syllabus for class X exam held in 2005. Total No. of Questions - 150 | 17-6-2005 at 4.00 PM G. B. Pant Polytechnic |
| 2 | Modern Office Practice English (12 th based) | 04-06-2005 | 2 P.M. to 4-30 P.M. | Comprehension of English including Grammar (60 Questions) of class XII level, knowledge of current affairs (45 Questions) and logical & analytical ability (45 Questions) Total No. of Questions -150 | 17-6-2005 at 4.00 PM Bhai Paramanand Institute of Business Studies |
| 3 | Modern Office Practice Hindi (12 th based) | 05-06-2005 | 10 A.M. to 12-30 P.M. | Comprehension of Hindi including Grammar (60 Questions) of class XII level, knowledge of current affairs (45 Questions) and logical & analytical ability ((45 Questions) Total No. of Questions - 150 | 17-6-2005 at 4.00 PM at Bhai Paramanand Institute of Business Studies |
| 4 | Diploma in Pharmacy (12 th based) | 05-06-2005 | 2.00 P.M. to 4.30 P.M. | Physics (45 Questions), Chemistry (45 Questions) & either Mathematics (60 Questions) or Biology (60 Questions) as per CBSE syllabus for class XI Exam held in 2004 and CBSE syllabus for Class XII Exam held in 2005. Total No. of Questions : 150 | 17-6-2005 at 4.00 PM at Ambedkar Polytechnic |
| 5 | Lateral Entry of ITI/ 10 + 2 (Vocational Stream) pass outs for admission to the 3 rd Semester in analogous Diploma Courses | 05-06-2005 | 2.00 P.M. to 4.30 P.M. | Applied Physics (60 Questions), Applied Mathematics (60 Questions) and Applied Chemistry (30 questions) from First year syllabus of Engineering Diploma Courses of Board of Technical Education, Delhi as per the syllabus given at Annexure B. Total No. of Questions : 150 | 17-6-2005 at 4.00 PM at Pusa Polytechnic |
| | Aptitude Test for Art for Drawing Teachers, Commercial Art, Fashion Design, Textile Design List of all girl students taking test 1 | 05-06-2005 | 2.00 P.M. to 3.30 P.M. | Tests shall comprise of (a) Composition (b) Design | 17-6-2005 at 4.00 PM at Womens Polytechnic (Meerabai Polytechnic) |

Note: Candidates opting for Art based courses should submit an additional application (form available in the prospectus) along with their original application for Test 1. No separate fees to be remitted for Aptitude test. Candidates must bring their own Drawing Board, Pencil, Colours, Water containers etc. for aptitude test. Only the question paper and drawing sheet be provided by the Examination Centre.

17 THE CONDUCT OF THE TESTS

17.1 The answer-sheet

- i) The answer-sheet will be found placed inside the sealed test booklet. The seal will be broken by the candidate and the answer-sheet taken out only after the announcement to this effect by the invigilator. The seal must in no case be broken before the announcement by the invigilator.
- ii) A specimen copy of the OMR answer-sheet, which will be found placed inside the test booklet, is enclosed as Annexure III & IV. Candidates are advised to go through it and be conversant with the requirements of mentioning the required particulars and indicating the answers so that they may do so at the test without any avoidable loss of time.
- iii) In case any information given in the admission form is contradictory to the information given on OMR answer sheet, the particulars given in the application form shall be treated as correct and final.
- iv) The answer-sheet is of a special type, which will be scanned on an optical scanner. The two sides of the answer sheet are to be used as follows:
 - a) Side 1: This side of the answer sheet contains the following columns which are to be filled in with **a ball point pen** only, neatly and accurately: -
 - i) Roll Number.
 - ii) Candidate's name in both ICR and OMR formate.
 - iii) Father's name.
 - iv) Centre number.
 - v) Address of the Centre.
 - vi) Signature of the candidate.
 - b) Side 2: This side of the answer sheet contains the following columns, which are to be filled with **an HB pencil** only: -
 - i) Roll number.
 - ii) Examination centre number.
 - iii) Test booklet number.
 - iv) Test booklet code.
 - v) Category.
 - vi) Test number.
 - vii) Admit Card No.
 - viii) Region.
 - ix) Sex.

While filling in rows prescribed for responses to questions given in the test booklet, each row number should correspond to the serial number of the question given in the test booklet. Along with each row; there are four circles, which represent four alternative responses, only one of which is the correct or most appropriate answer. The candidate should mark in only one circle.

Candidates also must ensure that the answer sheet is not folded. He/she also should not make any marks or write any kind of description on it.

17.2 Pens, erasers and pencils

A candidate must bring his/her own material such as ballpoint pen, sharpener, eraser and HB pencil. (No other pencil like HH, HHH etc., should be used). In case any pencil other than HB pencil is used, the optical scanner may reject the answer-sheet on which the answer sheet will be scanned.

17.3 Writing of particulars and responses on side – 2

| | |
|----------------------|--|
| Roll number | The candidate should write this/her Roll number as given in the specimen answer-sheet. For example Roll No.10015 |
| Centre number | The candidate should write this/her centre number as given in the specimen answer sheet. For example, Centre No.15. |
| Test booklet No. | The candidate should write his/her test booklet number as indicated on the test booklet. For example, Test Booklet No.18347. |
| Test booklet code | Each test booklet has been assigned a code. The candidate should note this code and write it as given in the specimen answer-sheet. For example, test booklet code No.C. |
| Region | Delhi: The candidate who has passed or appeared in a qualifying examination from any school/ institute located in Delhi/New Delhi should mark this block. |
| | Outside Delhi: The candidate who has passed or appeared in a qualifying examination from any school/ institution located outside Delhi/New Delhi should mark this block. |
| Category | The candidate should fill-up this column very carefully so that proper allocation is made for reserved categories like SC/ST, OBC, PH, Defence, Minority, Rural, NCC, and J&K. In case this block is left blank, he/she will be considered as 'General' candidate. |
| Writing of responses | There will be four possible answers to each question. The questions are numbered from 001 to 150 Candidates are required to indicate the correct or most appropriate answer to each question by darkening the appropriate circle. |

17.4. Changing an answer

If a candidate wants to change his/her answer, he/she should erase the existing pencil mark completely and then darken the appropriate circle with his/her HB pencil. Candidates must ensure that they do not leave any mark visible after erasing; otherwise the answer will be treated as incorrect.

Candidates are advised to make sure of the correct answer before they darken a circle. They should also ensure that the circle is completely darkened with a HB pencil only. The optical scanner may reject a partly or faintly darkened circle.

17.5. Marking

- a) Each question carries 4 marks. There shall be a negative marking of 1 mark for each wrong answer.
- b) The test booklet code filled in by the candidate in the answer-sheet will be accepted as final for the purpose of evaluation. When the space for the booklet code is left blank or more than one booklet code is indicated therein, it will be deemed to be an incorrect booklet code and the answer sheet will not be evaluated. **The candidate himself/herself shall be solely responsible for all the consequences arising out of any error or omission in writing the test booklet code.**

17.6. Rough work

A candidate will not do any rough work on the answer-sheet. All rough work, if any, is to be done in the test booklet only.

17.7. Procedure to be followed in the examination hall

- i) Ten minutes before the commencement of the test, each candidate will be given a sealed test booklet with an answer sheet placed inside it.
- ii) Immediately on receipt of the test booklet, each candidate is expected to fill in the required particulars on the cover page of the test booklet with a ballpoint pen only. He/ she will not open the seal of the test booklet until asked to do so by the invigilator.
- iii) Five minutes before the commencement of the test, the candidate will be asked to break open the seal of the test booklet. He/she will take out the answer-sheet carefully so that no stray mark of any kind is made on the answer-sheet. Adequate precaution should be taken so that no portion of the paper tape may stick to the answer sheet and close the test booklet.

- iv) Candidates should check carefully that the Test Booklet Code filled on the Answer Sheet is the same as printed on Test Booklet.
- v) Candidates will then write the required particulars on SIDE - 1 with a ballpoint pen and on SIDE - 2 with an HB pencil as already explained. After this, the candidates will wait for the signal by the invigilator to start marking the responses.
- vi) The test will start exactly at the time mentioned in the admit card and an announcement to this effect will be made by the invigilator.
- vii) While the test is in progress, the invigilator will check the admit cards of the candidates to satisfy himself/herself about the identity of each candidate. The invigilator will also put his/her signature in the place provided for the purpose in the answer-sheet on side – 1 and on the admit card. **The candidates shall not be considered for admission if their admit cards are not signed by the Invigilators.**
- viii) After completing the test and before handing over the test booklet and the answer sheet to the invigilator, the candidates are advised to make sure that all the particulars required in the test booklet and the answer sheet, particularly the Roll No. and the test booklet code, have been correctly written at Side 1 & 2.
- ix) A signal will be given at the beginning of the test and at half time. A signal will also be given at the closing time when the candidate must stop marking the responses and handover the Test Booklet and Answer Sheet to the Invigilator in the room/hall.

17.8. Caution against removal of page(s) from the test booklet

Candidates should ensure that the test booklet contains the number of pages as mentioned on the top of the first page. In case the numbers do not tally it should be immediately brought to the notice of the invigilator. The candidates shall not remove any page(s) from the test booklet and if any page(s) is/are found missing from a candidate's booklet, he/she shall be liable for prosecution under the relevant provisions of the Indian Penal Code.

17.9 Other important information

- i) A candidate who comes after 30 minutes of the commencement of the test shall not be permitted to take the test.
- .ii) A candidate shall not be allowed to carry, inside the examination hall, any textual material, printed or written, bits of paper or any other material of similar nature except the admit card.
- iii) Calculators, log tables, electronic watches with facilities of calculation, cellular phones, pagers and other materials of similar nature shall not be allowed inside the examination hall.
- iv) No candidate, without the permission of the Centre Superintendent or the Invigilator concerned, will leave his/her seat or the examination hall until he/she has finished doing his/her paper. Candidates shall not leave the hall without handing over their test booklet and the answer-sheet to the Invigilator on duty.
- v) Smoking in the examination hall during the conduct of the test is strictly prohibited.
- vi) Tea, coffee, cold drinks or snacks are not allowed to be taken inside the examination hall during the conduct of the test.
- vii) Candidates shall maintain perfect silence and attend to their papers only. Any conversation or gesticulation or disturbance in the examination shall be deemed to be an act of misbehavior and if a candidate is found impersonating or using unfair means, his/her candidature will be cancelled and he/she will be liable to be debarred from taking the entrance tests either permanently or for a specified period depending upon the nature of the offence, in addition to any other action under the Indian Penal Code.
- viii) Only the result of the entrance test shall not, "ipso facto", entitle a candidate to get admission in a course.
- ix) At any stage, if it is found that the candidate has furnished any false or incorrect information in the application form, his/her candidature for the course will be cancelled.
- x) **It will also be the sole responsibility of the candidates themselves to make sure that they are eligible and fulfill all other conditions prescribed for admission before applying for admission.**

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17.10 INFORMATION TO THE CANDIDATES REGARDING THE ENTRANCE TEST

| S.No. | Activity | Time Morning Session | Time Evening Session |
|-------|---|----------------------|----------------------|
| 1. | Entry in the Examination Hall | 9.15 AM | 1.15 PM |
| 2. | Distribution of Test Booklets | 9.45 AM | 1.45 PM |
| 3. | Taking out the Answer Sheet from the Test Booklet without breaking seal | 9.55 AM | 1.55 PM |
| 4. | Test commences (break the seal of the Test Booklet) | 10.00 AM | 2.00 PM |
| 5. | Permissible limit of late entry in the Examination Hall | 10.30 AM | 2.30 PM |
| 6. | Test concludes | 12.30 PM | 4.30 PM |

18. METHOD OF SELECTION AND ADMISSION

- 18.1. The selection of a candidate for admission to a programme will depend upon his/her performance at the entrance test and eligibility.
- 18.2. Based on the marks obtained at the entrance test, the Board will prepare a list of candidates in order of merit in each category for each test. The merit list will be displayed on the website of the Department on 16.06.2005 and notice boards of the Counselling Centres on 17.06.2005 at 4.00 PM along with the Counselling Schedule. **No separate intimation will be sent to the candidates in this regard.**
- 18.3. Admission on seats of different categories will be made on the basis of the result of the entrance test.
- 18.4. The inter-se merit of candidates securing equal aggregate marks at the entrance test will be determined according to the following criteria: -
 - I) The candidate getting higher marks at the qualifying examination shall rank higher.
 - II) In case of a tie in (i) above, the candidate older in age shall rank higher.

18.5 SCHEDULE OF COUNSELLING

Counselling Schedule for CET 2005

Counselling and admission shall be strictly restricted only to those candidates who get themselves registered with the respective counselling centers by submitting the counseling forms within the stipulated time period as given below.

Detailed counseling schedule shall be put up in the admission centers on the dates as indicated in the following schedule :

| | Proposed Date (s) |
|--|---|
| TEST 1 (CENTRE G.B. PANT POLYTECHNIC) | |
| Registration of all candidates by receiving the counseling forms at G.B.Pant Polytechnic for Test 1 (except Art for Drawing teachers, Beauty Culture, Commercial Art, Fashion Design, Library Science, Textile Design) | 20-06-2005, 21-06-2005, 22-06-2005, 23-06-2005, (10.00 A.M. to 4.00 P.M.) |
| Display of counseling schedule for all candidates registered for 10 th based Diploma Courses at G.B.Pant Polytechnic including the scheduled for second counseling | 25.06.2005 at 10.00 A.M. |
| Commencement of counseling and admission | 27.06.2005 |
| Admission to J & K migrants) | 25.07.2005 |
| CENTRE WOMEN'S / MEERABAI POLYTECHNIC for candidates seeking admission in Art for Drawing teacher, Beauty Culture, Commercial Art, Fashion Design, Library Science, Textile Design | |
| Registration of all candidates by receiving the counseling forms at Women's Polytechnic for courses mentioned above, i.e., Art based courses, Beauty Culture and Library Science | 30.6.05 & 1.7.05 (10.00 A.M. to 4.00 P.M.) |

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| | |
|---|---|
| Display of counseling schedule including the scheduled for second counseling | 04.07.2005 at 10.00 A.M. |
| Commencement of counseling and admission | 05.07.2005 |
| TEST 2 & TEST 3 (CENTRE BPIBS) for Modern Office Practice – English & Hindi | |
| Registration of all candidates by receiving the counseling forms at Bhai paramanand Institute of Business Studies | 30.6.05 & 1.7.05 (10.00 A.M. to 4.00 P.M.) |
| Display of counseling schedule including the scheduled for second counseling | 04.07.2005 at 10.00 A.M. |
| Commencement of counseling and admission | 05.07.2005 |
| TEST 4 (CENTRE AMBEDKAR POLYTECHNIC) for Pharmacy | |
| Registration of all candidates by receiving the counseling forms at Ambedkar Polytechnic | 30.6.05 & 1.7.05 (10.00 A.M. to 4.00P.M.) |
| Display of counseling schedule including the scheduled for second counseling | 04.07.2005 at 10.00 A.M. |
| Commencement of counseling and admission | 05.07.2005 |
| TEST 5 (CENTRE PUSA POLYTECHNIC) For lateral entry | |
| Registration of all candidates by receiving the counseling forms at Pusa Polytechnic | 30.6.05 & 1.7.05 (10.00 A.M. to 4.00 P.M.) |
| Display of counseling schedule including the scheduled for second counseling | 04.07.2005 at 10.00 A.M. |
| Commencement of counseling and admission | 05.07.2005 |
| Admission against Management quota (by management of private Institutes) | Up to 31-07-2005 |

For rank wise counseling schedule, the candidates are advised to see the Notice Board of their respective Admission Centres.

18.6. The candidates shall report at the Counselling Centre on the date and time notified for counselling in person and shall sign the attendance sheet in proof thereof. The allotment of seats to the candidate will be made only when they attend the counselling session. The following procedure will be followed: -

- The candidates will be called in the order of merit and shall be offered the seat available in the programmes at that point of time. They have to choose a seat each out of those, which are available when his/her turn comes.
- The candidates shall have to fill up a form at the time of personal appearance for exercising their option of a seat. (ANNEXURE-V)
- At the time of reporting for counselling, the candidates shall be required to produce the original certificates and one set of photocopies attested by a gazetted officer thereof. No request for supply of photocopies of certificates at a later stage will be entertained. If a candidate is admitted to any of the programmes, the original documents will be retained by the Institute till he/she completes the programme. The documents may be released, at the discretion of the Principal, only to those students seeking admission to Engineering Degree course.
- A candidate, who fails to appear in person at the notified date and time for counselling, shall forfeit his/her claim for a seat.
- A candidate who is allotted a seat will be required to pay the prescribed fee immediately. The fee will have to be remitted in cash at the Counselling Centre. Failure to pay the fee immediately after the seat is offered to him/her will result in withdrawal of the offer and the seat shall be allotted to the next candidate in the merit list.
- When a candidate's name is called for admission and does not report immediately to the Admission Officer, the seat will be offered to the candidate next in the merit list.
- Candidates who do not respond for admission at the time when their names are called out in the merit order, will be given a second chance for admission at the commencement of the subsequent sessions/days. Candidates who respond to the second chance (as described above) will be granted admission against the remaining seats available at the time they respond and candidates who do not even avail these second chances, will forfeit their claims for admission and no representation will be entertained from them. Guardians are advised in their own interest to ensure that their wards are present and respond for admission when their names are called out for admission according to the merit order.

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- No separate intimation regarding the selection will be given and all the candidates are accordingly advised **to see the notice board of counselling centres for date of admission on the dates mentioned in the counselling schedule.**
- Once the candidate has given the order of preference at the time of admission to the Admission Officer, the same cannot be changed. No change of course is allowed once admission has been given in a particular course. ***Migration from one Institute to another is not allowed throughout the course.***

18.7 Documents required in original at the time of counselling/ admission

- Original admit card duly signed by the Invigilator of the Examination Centre.
- Proof of Date of Birth (Secondary School Certificate issued by the affiliating Board).
- Certificate/mark sheet of the qualifying examination issued by the Board. In case where the BTE has prescribed a condition of passing a subject or subjects at some level, the certificate/mark sheet of the concerned examination in proof thereof should also be produced.
- Conduct and Character certificate from the Head of the Institution from where the qualifying examination was passed or from a Gazetted Officer.
- Relevant certificate on the basis of which reservation is claimed.
- Certificate of medical fitness to be signed by a registered medical practitioner holding a degree not lower than MBBS.

Certificate from National Open School stating the location of their study centers (applicable for candidates passing out of National Open School only).

18.8 Admission against drop out seats is not allowed either through Central Counselling or by the management of privately managed institutions.

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19. PAYMENT OF FEES FOR ADMISSION

Following shall be the details of fees payable for first term at the time of admission and as notified by the Principal for subsequent terms. The fee shall be payable before specified dates.

19.1 Government Polytechnics

Annual fee of Rs. 6,000/- payable in two installments. Girl students Admitted in Govt. Polytechnics shall be charged half the tuition fee and students belonging to SC/ST shall be exempted from payment of tuition fee.

Detailed break-up is given as under:

| Components Fee | General Category (Boys) | | General Category (Girls) | | SC/ST Category (Boys/Girls) | |
|--|--------------------------------------|-------------------------------|--------------------------------------|-------------------------------|--------------------------------------|--------------------------------|
| | First/ Third/ Fifth Semester | Second/ Fourth/Sixth Semester | First/ Third/ Fifth Semester | Second/ Fourth/Sixth Semester | First/ Third/ Fifth Semester | Second/ Fourth/ Sixth Semester |
| Tuition Fee | Rs.1000 | Rs.1000 | Rs.500 | Rs.500 | - | - |
| Institutional fee eg Library fee, Lab. Fee etc. | Rs. 1600 | Rs. 1600 | Rs. 1600 | Rs. 1600 | Rs. 1600 | Rs. 1600 |
| Non Govt. Fee | Rs.400 | Rs.400 | Rs.400 | Rs.400 | Rs.400 | Rs.400 |
| Total Fee | Rs.3000 | Rs.3000 | Rs.2500 | Rs.2500 | Rs.2000 | Rs.2000 |
| Refundable Security Deposit (one time) | Rs.1000/- (at the time of admission) | - (at the time of admission) | Rs.1000/- (at the time of admission) | - (at the time of admission) | Rs.1000/- (at the time of admission) | - (at the time of admission) |

Note :

In addition to above fee, refundable caution deposit payable at the time of admission in Government institutions shall be Rs.1000/-. Individual Government Polytechnics may also charge additional security deposit @ Rs 500/ per library card issued to the students. Security Deposit shall be forfeited if not collected within three years after completing the course.

19.2 Privately Managed Polytechnics

In light of the directions of the Hon'ble Supreme Court in the case of TMA Pai Foundation and Ors. Vs. State of Karnataka and Ors. (2002(8) SCC 481) read with the judgement in the case of Islamic Academy of Education and Ors. Vs. State of Karnataka and Ors. (Writ Petition (Civil) No.350 of 1993), the fee structure shall be decided by a committee set up by the State Government, headed by a retired High Court Judge, to be nominated by the Chief Justice of the State. The fee fixed by the committee shall be binding and the institute cannot charge directly or indirectly on any other account over and above the amount fixed as fees.

For Privately managed Polytechnics, the annual fee is payable in two installments.

The fee structure for the academic session 2005-2006 shall be as under:

| Component of Fee | Diploma courses in Engineering, Pharmacy and Medical Lab Technology | Diploma courses in Modern Office Practice E & H), Fashion Design, Textile Design |
|---|---|--|
| Annual Fee | Rs. 15000 | Rs. 10000 |
| Student activity Fee | Rs. 1000 | Rs. 1000 |
| Examination Fee | Rs. 500 | Rs. 500 |
| Total fee per annum | Rs 16,500 | Rs 11,500 |
| Refundable Security deposit (one time payment at the time of admission) | Rs.1500 | Rs.1500 |
| Fees payable at the time of admission | Rs.10500 (inclusive of security deposit) | Rs.8000 (inclusive of security deposit) |

The fee and other charges mentioned in the bulletin may be revised by Govt. at any time without notice. In the event of such revision, the revised rates shall be applicable to the students admitted in the academic year 2005-2006.

All fees are payable in cash only. Cheques, Bank drafts, Postal Order etc. are not acceptable.

20. POST ADMISSION INFORMATION TO STUDENTS

Refund of fees

The fees paid at the time of admission/ during the course are not refundable. Tuition fee shall be adjusted subsequently in respect of scholarship holders and free-ship holders etc. on request.

Payment of dues

All dues shall be paid by the dates as notified by the Principal.

Late fee/fine

If the dues (other than those payable at the time of admission) are not paid by the due date, a late payment fine of Rs.5/- for each day after the due date (including holidays) shall be charged, subject to the maximum of Rs.75/- only.

If the fees are not paid within 15 days after due date including holidays for any reason whatsoever the name of the defaulting student shall be deemed to have been removed from the rolls of the Institute.

Payment of fines and dues

Students shall pay on demand, any fines imposed on them or the cost of any damage to equipment or other property of the Institute or loss of library books. On failure to do so, the same will be deducted from their caution money. If the cost of damage to be recovered or loss exceeds the amount of caution money, the balance shall be deposited by the student on demand by the Principal. Failure to do so may result in the removal of the student from the institute rolls.

The student shall clear all dues to the institute before they are permitted to appear in the promotional/final exam. If the dues are not cleared, their admit cards/provisional certificates/ diploma will be withheld.

Striking of name off the rolls

The name of the student will be deemed struck off the rolls on account of: -

- (1) His/her own request endorsed by his/her parents/guardian;
- (2) Non-payment of tuition fee and other dues for 15 days after the last date for payment. The Principal may, however, grant not more than 10 days of grace in deserving cases on application by the parent or guardian.

The name of the student may also be struck off from the roll on account of: -

- a) Continued absence without obtaining leave for ten consecutive working days;
- b) Irregular attendance and poor progress in studies;
- c) If ordered to be expelled or rusticated from the institute.

The parents/guardians may in their own interest keep in touch with the concerned authorities regarding conduct, progress and attendance of their ward.

Re-admission

On payment of re-admission fees of Rs.100/- along with the dues and penalty, re-admission of detained students or those whose names have been struck off may be considered at the discretion of the Principal.

Financial Assistance (For Government Polytechnics Only)

The financial assistance available at Government Polytechnics for students of full-time day courses in accordance with relevant rules is as follows: -

Fee Concession

Full free-ship and half free-ship are awarded to 10% of the sanctioned strength of students as per rules on the subject.

- **Scholarship Holders:** Scholarship holders will be exempted from the payment of tuition fee.
- **Sister/Brother's concession:** In case two or more brothers/sisters are admitted in the Government run polytechnics and Bhai Parmanand Institute of Business Studies, the brother/sister studying in the lower class shall pay half the prescribed tuition fee. In case both being in the same class; youngest sibling will pay half the tuition fee.
- **SC/ST Students:** Students belonging to Scheduled Castes and Scheduled Tribes shall be exempted from payment of tuition fee.
- **Girl students** in Govt. Polytechnics will have to pay half the tuition fee only.

Scholarships/Stipends

There is a provision of limited number of National Merit Scholarships @ Rs.750/- per month to the students whose annual family income does not exceed Rs.1.00 lakh in the first year on the basis of marks obtained in the qualifying examination and in subsequent years on the basis of their performance in BTE Examinations.

Examination Fees (Under revision)

| | |
|--|--|
| Semester Examination Fees: | Rs.50/- |
| Annual Examination Fees: | Rs.100/- |
| Fee for each additional subject or | Rs.25/- for each additional paper, subject to upper limit of the back papers exam fees pertaining to a particular semester/ annual exam. |
| Mark-sheet or a duplicate copy thereof: | Rs.5/- |
| Late fee : | |
| Up to fortnight of the last date : | Rs.20/- |
| Up to 30 days before the Commencement of examination | Rs.50/- |

Fees once paid shall not be refunded

For examinations conducted by the Board of Technical Education, the Board's rules shall be applicable. The rules are subject to modification/alteration by the Board of Technical Education. The students will be eligible to appear in the Board Examination only if they fulfill the minimum requirement of attendance etc. A student shall have to attend not less than 66% of the prescribed periods in any individual subject, theory and practical taken separately during the session last attended and minimum 75% of the aggregate of all lectures, tutorial classes and practical as prescribed by the Board under the study scheme of the course concerned.

Time limit of passing Diploma

The students are required to clear all their papers and secure aggregate of 50% marks within a period of not more than two years of the prescribed duration of the course i.e. the students seeking admission in the first year shall have to pass Diploma in a maximum period of 5 years and those admitted in second year through lateral entry shall have to pass Diploma in a maximum period of 4 years.

The parents are advised to keep in touch with the institution for information on progress and attendance of the students.

The detailed rules & regulation on the subject may be had from the office of Institution.

Discipline

All the students admitted to an institution will be under the complete disciplinary control of the Principal of the institute or any other officer(s) appointed by him for the purpose and must conduct themselves in accordance with the disciplinary rules of institution as framed and notified by the Principal.

Under the rules, following are the forbidden practices:

- a) Disfiguring or otherwise damaging institutional property;
- b) Smoking in the class room, workshop, laboratory or during field training;
- c) Use of drugs or intoxicants except for those prescribed by a registered medical practitioner and under the knowledge of Principal of the institution;
- d) Any form of gambling;
- e) Rowdism and rude behaviour;
- f) Use of violence in any form;
- g) Offences of cognizable nature;
- h) Casteism, communalism, or practice of untouchability; or
- i) Any other conduct unbecoming of a student of the institution

Any student indulging in any of the forbidden practice may attract the following disciplinary measures: -

- a) Cancellation of the scholarship/free ship/stipend (in part or in whole, temporarily or permanently) in accordance with the rules prescribed in this regard.
- b) Fine;
- c) Suspension;
- d) Expulsion; or
- e) Rustication.

The candidates for admission have to give an undertaking that they will abide by the rules and regulations prescribed by the Principal and any action taken in this regard on the student by the Principal shall be final.

General Information (For Government Polytechnics Only)

● **Students Amenities:**

Common room, steel lockers, water coolers and canteen facilities are provided for the convenience of students, wherever possible.

● **Hostel facilities**

Limited hostel facilities for boys are available only at Pusa Polytechnic, Pusa, New Delhi and for girls at Meera Bai Polytechnic, Maharani Bagh, New Delhi and Kasturba Polytechnic for Women at Pitampura, Delhi. Preference shall be given to State Govt. & Govt. of India nominees.

Hostel Charges

| | |
|---|-------------------|
| Hostel Room Rent (Per Semester) | Rs.1,500/- |
| Electricity & Water Charges (Per Semester) | Rs.300/- |
| Hostel / Mess Establishment/Services and Maintenance Fee (Per Semester) | Rs.200/- |
| Total (Per Semester) | Rs.2,000/- |
| Student Welfare Fee (one time) | Rs.100/- |
| Mess Advance (for 2 months) | Rs.1,500/- |
| Hostel Security Deposit (Refundable) | Rs.1,000/- |
| Furniture Security (Refundable) | Rs.400/- |
| Mess charges – On actual basis | |

Mess fee for the whole semester is to be deposited by the candidates seeking hostel accommodation at the time of admission along with other fees and security fee.

- **Medical facilities**

First Aid and emergency facilities are available in each institute.

- **Games & Sports**

The students of full-time courses are to take active part in games and sports, facilities for which may be provided by the institute. They may also undergo N.C.C. training. The prescribed application form duly filled up for admission to N.C.C. should be submitted after obtaining admission.

- **Extra-Curricular activities**

Students are expected to take active interest in extra-curricular activities like exhibitions, debates, dramatics, music etc. which may be organized from time to time or on important occasions. The institute may also establish hobby clubs through which students may pursue hobbies like photography, painting, model making, science and technology clubs etc.

No relaxation from the prescribed minimum requirement for the Examination will be given for participating in extra-curricular activities unless specifically authorised by the Principal in advance.

- **Students Union (for Government Polytechnics only)**

To impart training to the students in the running of democratic institutions, organising student welfare activities and to help them acquire the attributes of good citizenship, a Student Union functions in each institute.

All the students of full-time course of an institution shall be members of the Student Union. The activities of the Student Union will be financed out of Student Union fee collected from the students as per rule on the subject in force from time to time.

- **Library facilities**

All the institutes have been provided with good libraries and the students are advised to make full use of them. The books in the libraries are, however, not meant to be substitutes for textbooks, which should be acquired by each student. For the benefit of such students, whose parents' income is less than the prescribed amount and for SC/ST students, book banks have been established in each Government institute.

- **Text Books & Equipment**

All the students shall have to provide themselves with textbooks, which the institutions or the Board of Technical Education may prescribe in the interest of imparting proper training. In addition, each student shall equip himself/herself with drawing instruments, apron and other personal tools relevant to his/her course of study and with a calculator at his/her own expenses.

- **Practical Training & Placement**

Students may be detained for practical training during the summer vacation. They may also be required to undergo such practical training as prescribed by the Board of Technical Education before the award of the diploma. Facilities of training during their course of study and training and placement after completion of the course are arranged to the extent possible by the Training & Placement Cell. Most of the students passing out are assisted by this Cell to secure suitable and satisfactory jobs within a short time after the final examination. The field and practical training is arranged at the cost, risk, liability and responsibility of the student or his parents/guardians.

- **Industrial and Field Visits**

Students are exposed to the world of work by arranging industrial and field visits. Presence of students during the visits is obligatory. The students will have to bear the cost of all such visits.

Provision of financial assistance, student's union etc. as given above is presently applicable to Govt. Institutions. In the case of private institutions, these will be as per their own regulation.

Examination

A student admitted to a programme will have to undergo a regular course of study as per the syllabus laid down by the Board of Technical Education, Delhi and shall be eligible to get the Diploma of the Board of Technical Education on passing such examinations as may be prescribed by the Board of Technical Education, Delhi.

SYLLABUS FOR LATERAL ENTRY TO SECOND YEAR DIPLOMA COURSE

APPLIED PHYSICS

1. UNITS & DIMENSIONS

Fundamental & derived units in SI System, Dimensions of Physical quantities. Principle of homogeneity. Dimensional equations. Applications of dimensional analysis: Checking the correctness of physical equations, derivation of simple physical relations, & conversion of units.

Limitations of dimensional analysis.

2. FORCE & MOTIONS

Scalar & vector quantities with examples, force & its units (in SI), Resolution of forces into rectangular components (Simple Problem), composition of forces by parallelogram law, parabolic motion. Horizontal projection and projection at an angle, time of flight, horizontal range and maximum horizontal range. Simple problems, centripetal acceleration, centripetal and centrifugal forces. Concept its friction and its application, application to banking of roads.

3. WORK, POWER & ENERGY

Work & its units. Work done on bodies moving on horizontal & inclined planes (consider frictional forces also). Concept of power & its unit: Calculation of Power (simple cases). Concept of kinetic energy & potential energy. Expressions for P.E. & K.E. Conservation of energy in the case of freely falling bodies. Principle of conservation of energy.

4. ROTATIONAL & SIMPLE HARMONIC MOTIONS

Definition of moment of inertia, Torque & angular momentum & their inter relation, Principles of Conservation (angular momentum & its application), Kinetic energy of rolling body, S.H.M. – derivation of displacement, velocity, acceleration time period & frequency (Motion of cantilever). Free, forced & resonant vibrations (No derivation).

5. TEMPERATURE & ITS MEASUREMENT

Concept of heat & temperature on the basis of K. E. of molecules. Unit of heat. Basic Principles of measurement of temperature. Thermo couple, bimetallic & resistance, thermo-meters. Ranges of these thermometers. Criteria for the selection of a thermometer.

6. EXPANSION OF SOLIDS

Coefficient of linear, surface and cubical expansions and relations amongst them. Thermal stresses (qualitative only) and their applications.

7. HEAT TRANSFER

Three modes of transfer of heat. Coefficient of thermal conductivity, its determination by Searle's method and Lee's disc method. Conduction through compound media (series and parallel for two material only), Heat radiation, Characteristics of heat radiations. Prevost's theory of heat exchange. Black body radiations, Emissivity and absorptivity Kirchhoff's law and Stefan's law of radiation.

8. WAVES

Generation of waves by vibrating particles, wave motion and its parameters. Equation of a wave, Energy transfer by particle and wave; superposition of waves and interference (graphical); Sound and light as waves – frequencies, wave length at velocities and their relationship; Electromagnetic spectrum.

9. APPLICATIONS OF SOUND

ULTRASONICS

Production of ultrasonic waves by using magnetostriction and piezo-electric methods; applications to drilling cold welding, cleaning, flaw detection and exploration (sonar).

ACOUSTICS

Reflection, refraction and absorption of sound waves by surface; Echo and reverberation; Reverberation time and its control.

10. APPLICATIONS OF LIGHT

Refraction & refractive index; Defects in image formation (Qualitative), Simple and Compound Microscopes, Astronomical & telescopes and their magnifying powers.

11. ELECTROSTATICS

Coulomb's law. Unit charge; Electric field and electric lines of force; Concept of electric potential, Unit of potential; Electric potential due to point charge and sphere. Electric intensity due to charged straight coil and plane sheet; Capacitance and its units. Parallel plate coil; Grouping of capacitors in series and parallel problems; Dielectric constant – its functions.

12 D.C. CIRCUITS

Ohm's law; Kirchhoff's law; Wheatstone bridge principle; Simple problems on series and parallel circuits.

13. ELECTROMAGNETISM

Magnetic fields and its units; magnetic fields around a current carrying conductor; circular loop and solenoids; Force on a moving charge & current in a magnetic field; Force between two current carrying parallel conductor; Moving coil galvanometer; Conversion of galvanometer into Ammeter & Voltmeter; Permeability; Dia, para & Ferro magnetic metal.

14. Introduction to Laser, its characteristics & important applications.

APPLIED MATHEMATICS

1. VECTOR ALGEBRA

Definition, notation & rectangular resolution of algebra vector; Addition and subtraction of vectors; Scalar & vector products of 2 vectors only; Simple problems related to work, moment and Angular velocity.

2. MATRICES

Definition and types of matrices; Addition and subtraction of matrices, multiplication of matrices; Inverse of a 3 x 3 matrix by adjoint matrix method; Solution of linear equations containing up to three unknowns only.

3. ELEMENTARY NUMERICAL ANALYSIS

Newtons forward & backward differences, Shift operation; Difference table; Newton-Gregory forward & backward interpolation formulae; Lagranges' interpolation formulae.

4. COORDINATE GEOMETRY

POINT

Cartesian & polar co-ordinates and their conversion. Distance between two points, internal and external division formulae, coordinates of centroid and its centre. Area of Triangle, condition of collinearity of points, simple problems on locus.

STRAIGHT LINE

Equation of a straight line in various standard forms. Angle between straight lines, perpendicular distance formula.

CIRCLE

The equation of circle in standard & general form, finding the equation of circle when – its centre and radius are given & any three points on it are given.

CONICS

Definitions of conics, parabola, ellipse and hyperbola & their standard equations; Finding the equation of a parabola when its focus and directrix or focus and vertex are given; Finding the equation of an ellipse or hyperbola when focus, directrix and eccentricity are given; Given the standard equation of conic, to find its focus, directrix, vertex, axis, eccentricity and the length of latus rectum.

5. DIFFERENTIAL CALCULUS

LIMITS

Concept of a function its value and limit; Evaluation of limits, four standard limits only namely;

$$\text{Lt}_{x \rightarrow 0} \frac{\sin x}{x}; \quad \text{Lt}_{x \rightarrow 0} (1 + x)^{1/x}$$

$$\text{Lt}_{x \rightarrow a} \frac{x^n - a^n}{x - a}; \quad \text{Lt}_{x \rightarrow 0} \frac{a^x - 1}{x}$$

DIFFERENTIATION

Definition, its physical meaning as rate measure and its geometrical meaning;

Differentiation from first principles of x^n , \log_x , $\sin x$, $\cos x$, $\tan x$, only;

Differentiation of $\cot x$, $\sec x$, $\operatorname{cosec} x$ & inverse functions; Differentiation of sum, product and quotient functions; Differentiation of function (chain rule); Logarithmic differentiation.

APPLICATIONS

Rate Measurer; Calculation of Errors; Newton's method of solving equations; Tangent and Normal to a curve for explicit functions only; Maxima and minima.

6. INTEGRAL CALCULUS

Indefinite integrals; Physical meaning of integration; Integration as inverse process of differentiation; Integration by substitution, by parts and by partial fractions; Integration of rational and irrational quadratic expressions viz

$$\int \frac{dx}{ax^2+bx+c}, \quad \int \frac{dx}{\sqrt{ax^2+bx+c}}, \quad \int \sqrt{ax^2+bx+c}$$

Definite integrals:- Evaluation of Definite integrals; Simple problems of Integration

$$\int_0^{\pi/2} \sin^n x \, dx, \quad \int_0^{\pi/2} \cos^n x \, dx, \quad \int_0^{\pi/2} \sin^m x \cos^n x \, dx \quad (\text{without proof})$$

Numerical integration by Simpson's Rule; Applications;

Simple problems on the area bounded by a curve and axle and volume of a solid formed by revolution of an area.

7. DIFFERENTIAL EQUATIONS

Definition; Formation of differential equations; Solutions of differential equations of first order and first degree:- Variables separable; Homogeneous differential equations; Linear differential equations.

**APPLIED CHEMISTRY
DETAILED CONTENTS**

1. STRUCTURE OF ATOM

Rutherford model of the structure of atom, Bohr's theory of H atom and equation deduced. Quantum numbers and their significance, de-Broglie equation and uncertainty principle. Electronic configuration of 1 to 30 elements.

2. PERIODIC PROPERTIES OF ELEMENTS

Periodic law, periodic table, periodicity in properties like atomic radii & volume, ionic radii, ionization energy and electron affinity, Division of elements into s,p,d, and f blocks.

3. CHEMICAL BONDS

Electrovalent, covalent and coordinate bond and their properties. Metallic bonding (electron cloud model) & properties (like texture, conductance, lusture, ductility and malleability). Orbital concept of covalence, Hybridisation (Simple treatment).

4. FUEL & THEIR CLASSIFICATION

Definition, characteristics, classification into solid, liquid and gaseous fuel, petroleum and brief idea of its refining into various fraction and their characteristics and uses. Calorific value of fuel, gaseous fuels-preparation, properties, composition and use of producer gas, water gas and oil gas.

5. WATER

Impurities in water, methods of their removal, hardness water, its types, causes and removal, disadvantages of hard water in boilers, pH value and its determination by calorimetric method.

6. Problem based on Gravimetric and Volumetric Analysis.

7. METALS

Cast iron & its properties, effect of sulphur, silicon & phosphorous as impurities in cast iron. Elementary knowledge of heat treatment of steels hardening, tempering, annealing, normalizing and case hardening.

8. ALLOYS

Definition, classification & necessity for making alloys. Composition, properties and uses of following alloys: Brass, Bronze, Gun-metal and Duralumin. Effect of carbon, nickel, chromium, manganese on steel.

9. CORROSION

Its meaning, theory of corrosion, prevention of corrosion by various methods using metallic and non metallic coatings.

10. PLASTICS AND POLYMERS

Plastic thermo plastic and thermo setting. Introduction of Polythene, PVC, Nylon, synthetic rubber and phenol-form aldehyde resin. Their application in industry.

SEAT DISTRIBUTION

TEST 1(10th BASED) (ENGINEERING / TECHNOLOGY BASED DISCIPLINES)

| S. No. | Discipline | Institute | Intake | Seat available for Central Counselling | Seat Allocation | General | SC 15% | ST 7.5% | OBC 15% | DP 5% | PH 3% | NCC 0.5% | |
|--------|----------------------------------|-----------|--------|--|-----------------|---------|--------|---------|---------|-------|-------|----------|---|
| 1 | ARCHITECTURAL ASSISTANTSHIP | AB | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 | |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | |
| | | WP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | CR | 30 | 27 | D 21 | 11 | 3 | 2 | 3 | 1 | 1 | 0 | |
| | | | | | DR 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | | | | | ODR 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RT | 30 | 27 | D 23 | 13 | 3 | 2 | 3 | 1 | 1 | 0 | | | |
| | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | | | |
| 2 | AUTOMOBILE ENGINEERING | GB | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | PP | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 | |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | |
| | | GT | 60 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 | |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | |
| 3 | CHEMICAL ENGINEERING | GN | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 | |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | |
| 4 | CIVIL ENGINEERING | AB | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 | |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | GB | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 | |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | PP | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 | |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | CR | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 | |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | |
| OD 7 | 4 | | | | 1 | 1 | 1 | 0 | 0 | 0 | | | |
| ODR 1 | 1 | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 5 | CIVIL ENGINEERING (CONSTRUCTION) | PP | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 | |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | |
| 6 | COMPUTER ENGINEERING | AP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | GN | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | KP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | |
| | | AI | 40 | 36 | D 31 | 16 | 5 | 2 | 5 | 2 | 1 | 0 | |
| | | | | | OD 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | |

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

| S. No. | Discipline | Institute | Intake | Seat available for Central Counselling | Seat Allocation | General | SC 15% | ST 7.5% | OBC 15% | DP 5% | PH 3% | NCC 0.5% |
|-----------|--|-----------|--------|--|-----------------|---------|--------|---------|---------|-------|-------|----------|
| | COMPUTER ENGINEERING | FA | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 |
| | | | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | GT | 60 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| 7 | ELECTRICAL ENGINEERING | AB | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | GB | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | PP | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | CR | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | GT | 60 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| 8 | ELECTRONICS & COMMUNICATION ENGINEERING | GN | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | WP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | PP | 60 | 60 | D 51 | 26 | 8 | 4 | 8 | 3 | 2 | 0 |
| | | | | | OD 9 | 6 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | AI | 40 | 36 | D 31 | 16 | 5 | 2 | 5 | 2 | 1 | 0 |
| | | | | | OD 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | CR | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | FA | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 |
| | | | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | GT | 60 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| MI | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 | | |
| | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | | |
| 9 | ELECTRONICS ENGINEERING (DIGITAL ELECTRONICS) | AP | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 03 |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | KP | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | CR | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| S. No. | Discipline | Institute | Intake | Seat available for Central Counselling | Seat Allocation | General | SC 15% | ST 7.5% | OBC 15% | DP 5% | PH 3% | NCC 0.5% |
|--------|--|-----------|--------|--|-----------------|---------|--------|---------|---------|-------|-------|----------|
| | DIGITAL ELECTRONICS | GT | 60 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| 10 | ELECTRONICS ENGINEERING (MEDICAL ELECTRONICS) | AP | 15 | 15 | D 13 | 7 | 2 | 1 | 2 | 1 | 0 | 0 |
| | | | | | OD 2 | 2 | 0 | 0 | 0 | 0 | 0 | |
| | | KP | 15 | 15 | D 13 | 7 | 2 | 1 | 2 | 1 | 0 | 0 |
| | | | | | OD 2 | 2 | 0 | 0 | 0 | 0 | 0 | |
| | | CR | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | |
| | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 11 | GARMENT FAB. TECHNOLOGY | AB | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| 12 | INTERIOR DESIGN | WP | 50 | 50 | D 43 | 25 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | |
| 13 | INSTRUMENTATION & CONTROL | AP | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| | | CR | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | |
| | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | | | |
| 14 | MECHANICAL ENGINEERING | AB | 120 | 120 | D 102 | 55 | 15 | 8 | 15 | 5 | 3 | 1 |
| | | | | | OD 18 | 9 | 3 | 1 | 3 | 1 | 1 | |
| | | GN | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | |
| | | GB | 120 | 120 | D 102 | 55 | 15 | 8 | 15 | 5 | 3 | 1 |
| | | | | | OD 18 | 9 | 3 | 1 | 3 | 1 | 1 | |
| | | PP | 120 | 120 | D 102 | 55 | 15 | 8 | 15 | 5 | 3 | 1 |
| | | | | | OD 18 | 9 | 3 | 1 | 3 | 1 | 1 | |
| | | GT | 60 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| | | MI | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 |
| OD 8 | 5 | | | | 1 | 1 | 1 | 0 | 0 | | | |
| 15 | MECHANICAL ENGINEERING (MAINTENANCE) | AB | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| 16 | MEDICAL LAB. TECHNOLOGY | WP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | |
| | | AI | 40 | 36 | D 31 | 16 | 5 | 2 | 5 | 2 | 1 | 0 |
| | | | | | OD 5 | 3 | 1 | 0 | 1 | 0 | 0 | |
| | | BH | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | |
| | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | | | |

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

| S. No. | Discipline | Institute | Intake | Seat available for Central Counselling | Seat Allocation | General | SC 15% | ST 7.5% | OBC 15% | DP 5% | PH 3% | NCC 0.5% |
|---|----------------------------------|-----------|--------|--|-----------------|---------|--------|---------|---------|-------|-------|----------|
| 17 | PLASTIC ENGG. / TECHNOLOGY | SL | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 |
| | | | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| | | GB | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GN | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| 18 | PRINTING TECHNOLOGY | PP | 50 | 50 | D 43 | 25 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| 19 | PRODUCTION ENGINEERING | GB | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| 20 | PUBLIC HEALTH & ENV. ENGG. | KP | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| 21 | TOOL & DIE MAKING | TR | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| TEST 1(10th BASED) (NON-ENGINEERING DISCIPLINES) | | | | | | | | | | | | |
| 22 | ARTFORDRAWING TEACHER | SU | 20 | 20 | D 17 | 8 | 3 | 1 | 3 | 1 | 1 | 0 |
| | | | | | OD 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | BEAUTY CULTURE | WP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| 24 | COMMERCIALART | WP | 50 | 50 | D 43 | 25 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| 25 | FASHION DESIGN | KP | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | IN | 30 | 27 | D 23 | 13 | 3 | 2 | 3 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | |
| 26 | LIBRARY SCIENCE | WP | 45 | 45 | D 38 | 20 | 6 | 3 | 6 | 2 | 1 | 0 |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| 27 | TEXTILE DESIGN | IN | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 |
| | | | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| TEST 2 (12th BASED) | | | | | | | | | | | | |
| 28 | MODERN OFFICE PRACTICE (ENGLISH) | WP | 40 | 40 | D 34 | 18 | 5 | 3 | 5 | 2 | 1 | 0 |
| | | | | | OD 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | BPI | 120 | 120 | D 102 | 55 | 15 | 8 | 15 | 5 | 3 | 1 |
| | | | | | OD 18 | 9 | 3 | 1 | 3 | 1 | 1 | 0 |
| | | FA | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 |
| | | | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | |
| TEST 3 (12th BASED) | | | | | | | | | | | | |
| 29 | MODERN OFFICE PRACTICE (HINDI) | WP | 20 | 20 | D 17 | 8 | 3 | 1 | 3 | 1 | 1 | 0 |
| | | | | | OD 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | BPI | 30 | 30 | D 26 | 14 | 4 | 2 | 4 | 1 | 1 | 0 |
| | | | | | OD 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

| S. No. | Discipline | Institute | Intake | Seat available for Central Counselling | Seat Allocation | General | SC 15% | ST 7.5% | OBC 15% | DP 5% | PH 3% | NCC 0.5% | | |
|--------|------------|-----------|--------|--|-----------------|---------|--------|---------|---------|-------|-------|----------|--|--|
| | | | | TEST 4 (12th BASED) | | | | | | | | | | |
| 30 | PHARMACY | WP | 20 | 20 | D 17 | 8 | 3 | 1 | 3 | 1 | 1 | 0 | | |
| | | | | | OD 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | AI | 40 | 36 | D 31 | 16 | 5 | 2 | 5 | 2 | 1 | 0 | | |
| | | | | | OD 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | | |
| | | BH | 60 | 54 | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 | | |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | | |
| | | | | | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | | |
| | | CR | 60 | 54 | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | | | D 41 | 22 | 6 | 3 | 6 | 3 | 1 | 0 | | |
| | | | | | DR 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | | |
| | | SB | 60 | 54 | OD 7 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | | |
| | | | | | ODR 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | SL | 60 | 54 | D 46 | 26 | 7 | 3 | 7 | 2 | 1 | 0 | | |
| | | | | | OD 8 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |

Information Bulletin for Admission to Full Time Diploma Programmes in Polytechnics, CET-2005

SEAT DISTRIBUTION - 2005 (LATERAL ENTRY) TEST 5

| S. No. | Discipline | Institute | Intake | Seat available for Central Counselling | General | SC 15% | ST 7.5% | OBC 15% | DP 5% | PH 3% | NCC 0.5% |
|--------|---|-----------|--------|--|---------|--------|---------|---------|-------|-------|----------|
| 1 | AUTOMOBILE ENGG. | GB | 5 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | PP | 4 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GT | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | CIVIL ENGG. | AB | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GB | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | PP | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | CR | *6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| 3 | ELECTRICAL ENGG. | AB | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GB | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | PP | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | CR | *6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GT | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | ELECTRONICS ENGINEERING (COMMUNICATION) | GN | 5 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | PP | 6 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | WP | 5 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | AI | 4 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | CR | 6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | FA | 6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GT | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | MI | 6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| 5 | DIGITAL ELECTRONICS | AP | 4 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | KP | 4 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | CR | *6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | GT | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | MEDICAL ELECTRONICS | AP | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | KP | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | CR | *6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| 7 | MECHANICAL ENGG. | AB | 12 | 12 | 6 | 2 | 1 | 2 | 1 | 0 | 0 |
| | | GB | 12 | 12 | 6 | 2 | 1 | 2 | 1 | 0 | 0 |
| | | GN | 4 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | PP | 12 | 12 | 6 | 2 | 1 | 2 | 1 | 0 | 0 |
| | | GT | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | MI | 6 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| 8 | PRODUCTION ENGG. | GB | 5 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| 9 | PRINTING TECH. | PP | 5 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |

* based on last years' intake, seats may change.

**GOVERNMENT OF DELHI
DEPARTMENT OF TRAINING & TECHNICAL EDUCATION
MUNI MAYA RAM MARG : PITAMPURA : DELHI - 110 068.**

PUBLIC NOTICE

DATED : 30-1-05

General Public is hereby informed that in pursuance of AICTE directive that there should be vertical mobility of 10+2 (Vocational) and ITI pass outs, admission of 10+2 vocational Stream (Engineering) and ITI pass outs from Schools/ITIs located in Delhi directly to the Second Year of the analogous Engineering Diploma Courses through lateral entry shall be held through a Common Entrance Test conducted by Board of Technical Education, Delhi. The syllabus for the test shall be the first year syllabus of Applied Physics, Applied Chemistry and Applied Mathematics of Board of Technical Education, Delhi. The syllabus can be downloaded from the website of this Department at <http://tte.delhigovt.nic.in>.

JOINT DIRECTOR (TECH.)

FORM OF MEDICAL CERTIFICATE

(To be signed by a Registered medical Practitioner holding a degree not below M.B.B.S.)

(TO BE SUBMITTED AT THE TIME OF ADMISSION)

I certify that I have carefully examined Shri/Smt./Km. son/daughter/wife of Shri whose signature is given below. As a result of his/her examination I certify that nothing has been found which may disqualify him/her from admission to a course in a technical institution under the Government of Delhi. I have further to report that:

- 1) His/her eyes appear to be
- 2) His/her heart & lungs are clear
- 3) His/her chest measurement is normal, expanded
- 4) His/her weight is
- 5) His/her height is
- 6) He/she wears glass/does not wear glass vision.
- 7) He/she has no disease, mental and bodily infirmity, which makes him/her, unfit in the near future for an active life and studies.

Marks of identification

Signature of candidate

Name & Signature of the
 Medical Officer with Stamp
 and Registration . No.

ANNEXURE II

CERTIFICATE FOR AVAILING ADMISSION AGAINST PHYSICALLY HANDICAPPED QUOTA

(Refer para 7.4 of Information Bulletin 2004)

CERTIFIED that Shri/Km/Smt.....
 Son/Daughter/Wife of Shri
 Is physically handicapped due to
 and he/she is fit for undergoing the course
 at Polytechnic/Institute.

Name & Signature Of the Officer In charge,
 Vocational Rehabilitation Centre for Physically Handicapped
 Karkardooma, New Delhi.

Date:

(Office Stamp)

USE HB PENCIL ONLY

SIDE - 2



| | | | | | |
|---|---|--|--|--|---|
| 1. ROLL NUMBER <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 0 1 2 3 4 5 6 7 8 9 | 2. CENTRE NUMBER <input type="text"/> <input type="text"/> 0 1 2 3 4 5 6 7 8 9 | 3. TEST BOOKLET NUMBER <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 0 1 2 3 4 5 6 7 8 9 | 4. TEST NUMBER 4 <input type="radio"/> | 5. REGION Delhi <input type="radio"/> Outside Delhi <input type="radio"/> | 7. ADMIT CARD NUMBER <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 0 1 2 3 4 5 6 7 8 9 |
| 4(a). OPTED FOR Math <input type="radio"/> OR Bio <input type="radio"/> | | 6. SEX Male <input type="radio"/> Female <input type="radio"/> | | | |

| | | |
|---|--|---|
| 8. TEST BOOKLET CODE A <input type="radio"/> C <input type="radio"/> B <input type="radio"/> D <input type="radio"/> | 9. CATEGORY GEN <input type="radio"/> ST <input type="radio"/> DEF <input type="radio"/> SC <input type="radio"/> OBC <input type="radio"/> | 9(a). SUB-CATEGORY NCC <input type="radio"/> PH <input type="radio"/> SIKH <input type="radio"/> RURAL <input type="radio"/> J & K <input type="radio"/> |
|---|--|---|

| Q. NO. | Response | Q. NO. | Response | Q. NO. | Response | Q. NO. | Response |
|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|
| 1 | <input type="radio"/> | 54 | <input type="radio"/> | 107 | <input type="radio"/> | 160 | <input type="radio"/> |
| 2 | <input type="radio"/> | 55 | <input type="radio"/> | 108 | <input type="radio"/> | 161 | <input type="radio"/> |
| 3 | <input type="radio"/> | 56 | <input type="radio"/> | 109 | <input type="radio"/> | 162 | <input type="radio"/> |
| 4 | <input type="radio"/> | 57 | <input type="radio"/> | 110 | <input type="radio"/> | 163 | <input type="radio"/> |
| 5 | <input type="radio"/> | 58 | <input type="radio"/> | 111 | <input type="radio"/> | 164 | <input type="radio"/> |
| 6 | <input type="radio"/> | 59 | <input type="radio"/> | 112 | <input type="radio"/> | 165 | <input type="radio"/> |
| 7 | <input type="radio"/> | 60 | <input type="radio"/> | 113 | <input type="radio"/> | 166 | <input type="radio"/> |
| 8 | <input type="radio"/> | 61 | <input type="radio"/> | 114 | <input type="radio"/> | 167 | <input type="radio"/> |
| 9 | <input type="radio"/> | 62 | <input type="radio"/> | 115 | <input type="radio"/> | 168 | <input type="radio"/> |
| 10 | <input type="radio"/> | 63 | <input type="radio"/> | 116 | <input type="radio"/> | 169 | <input type="radio"/> |
| 11 | <input type="radio"/> | 64 | <input type="radio"/> | 117 | <input type="radio"/> | 170 | <input type="radio"/> |
| 12 | <input type="radio"/> | 65 | <input type="radio"/> | 118 | <input type="radio"/> | 171 | <input type="radio"/> |
| 13 | <input type="radio"/> | 66 | <input type="radio"/> | 119 | <input type="radio"/> | 172 | <input type="radio"/> |
| 14 | <input type="radio"/> | 67 | <input type="radio"/> | 120 | <input type="radio"/> | 173 | <input type="radio"/> |
| 15 | <input type="radio"/> | 68 | <input type="radio"/> | 121 | <input type="radio"/> | 174 | <input type="radio"/> |
| 16 | <input type="radio"/> | 69 | <input type="radio"/> | 122 | <input type="radio"/> | 175 | <input type="radio"/> |
| 17 | <input type="radio"/> | 70 | <input type="radio"/> | 123 | <input type="radio"/> | 176 | <input type="radio"/> |
| 18 | <input type="radio"/> | 71 | <input type="radio"/> | 124 | <input type="radio"/> | 177 | <input type="radio"/> |
| 19 | <input type="radio"/> | 72 | <input type="radio"/> | 125 | <input type="radio"/> | 178 | <input type="radio"/> |
| 20 | <input type="radio"/> | 73 | <input type="radio"/> | 126 | <input type="radio"/> | 179 | <input type="radio"/> |
| 21 | <input type="radio"/> | 74 | <input type="radio"/> | 127 | <input type="radio"/> | 180 | <input type="radio"/> |
| 22 | <input type="radio"/> | 75 | <input type="radio"/> | 128 | <input type="radio"/> | 181 | <input type="radio"/> |
| 23 | <input type="radio"/> | 76 | <input type="radio"/> | 129 | <input type="radio"/> | 182 | <input type="radio"/> |
| 24 | <input type="radio"/> | 77 | <input type="radio"/> | 130 | <input type="radio"/> | 183 | <input type="radio"/> |
| 25 | <input type="radio"/> | 78 | <input type="radio"/> | 131 | <input type="radio"/> | 184 | <input type="radio"/> |
| 26 | <input type="radio"/> | 79 | <input type="radio"/> | 132 | <input type="radio"/> | 185 | <input type="radio"/> |
| 27 | <input type="radio"/> | 80 | <input type="radio"/> | 133 | <input type="radio"/> | 186 | <input type="radio"/> |
| 28 | <input type="radio"/> | 81 | <input type="radio"/> | 134 | <input type="radio"/> | 187 | <input type="radio"/> |
| 29 | <input type="radio"/> | 82 | <input type="radio"/> | 135 | <input type="radio"/> | 188 | <input type="radio"/> |
| 30 | <input type="radio"/> | 83 | <input type="radio"/> | 136 | <input type="radio"/> | 189 | <input type="radio"/> |
| 31 | <input type="radio"/> | 84 | <input type="radio"/> | 137 | <input type="radio"/> | 190 | <input type="radio"/> |
| 32 | <input type="radio"/> | 85 | <input type="radio"/> | 138 | <input type="radio"/> | 191 | <input type="radio"/> |
| 33 | <input type="radio"/> | 86 | <input type="radio"/> | 139 | <input type="radio"/> | 192 | <input type="radio"/> |
| 34 | <input type="radio"/> | 87 | <input type="radio"/> | 140 | <input type="radio"/> | 193 | <input type="radio"/> |
| 35 | <input type="radio"/> | 88 | <input type="radio"/> | 141 | <input type="radio"/> | 194 | <input type="radio"/> |
| 36 | <input type="radio"/> | 89 | <input type="radio"/> | 142 | <input type="radio"/> | 195 | <input type="radio"/> |
| 37 | <input type="radio"/> | 90 | <input type="radio"/> | 143 | <input type="radio"/> | 196 | <input type="radio"/> |
| 38 | <input type="radio"/> | 91 | <input type="radio"/> | 144 | <input type="radio"/> | 197 | <input type="radio"/> |
| 39 | <input type="radio"/> | 92 | <input type="radio"/> | 145 | <input type="radio"/> | 198 | <input type="radio"/> |
| 40 | <input type="radio"/> | 93 | <input type="radio"/> | 146 | <input type="radio"/> | 199 | <input type="radio"/> |
| 41 | <input type="radio"/> | 94 | <input type="radio"/> | 147 | <input type="radio"/> | 200 | <input type="radio"/> |
| 42 | <input type="radio"/> | 95 | <input type="radio"/> | 148 | <input type="radio"/> | 201 | <input type="radio"/> |
| 43 | <input type="radio"/> | 96 | <input type="radio"/> | 149 | <input type="radio"/> | 202 | <input type="radio"/> |
| 44 | <input type="radio"/> | 97 | <input type="radio"/> | 150 | <input type="radio"/> | 203 | <input type="radio"/> |
| 45 | <input type="radio"/> | 98 | <input type="radio"/> | 151 | <input type="radio"/> | 204 | <input type="radio"/> |
| 46 | <input type="radio"/> | 99 | <input type="radio"/> | 152 | <input type="radio"/> | 205 | <input type="radio"/> |
| 47 | <input type="radio"/> | 100 | <input type="radio"/> | 153 | <input type="radio"/> | 206 | <input type="radio"/> |
| 48 | <input type="radio"/> | 101 | <input type="radio"/> | 154 | <input type="radio"/> | 207 | <input type="radio"/> |
| 49 | <input type="radio"/> | 102 | <input type="radio"/> | 155 | <input type="radio"/> | 208 | <input type="radio"/> |
| 50 | <input type="radio"/> | 103 | <input type="radio"/> | 156 | <input type="radio"/> | 209 | <input type="radio"/> |
| 51 | <input type="radio"/> | 104 | <input type="radio"/> | 157 | <input type="radio"/> | 210 | <input type="radio"/> |
| 52 | <input type="radio"/> | 105 | <input type="radio"/> | 158 | <input type="radio"/> | | |
| 53 | <input type="radio"/> | 106 | <input type="radio"/> | 159 | <input type="radio"/> | | |

DEPARTMENT OF TRAINING & TECHNICAL EDUCATION
REGISTRATION/COUNSELLING FORM FOR THE ACADEMIC SESSION.....

To Registration NO.....
 The Chief Admission OfficerPolytechnic

FOR OFFICE USE ONLY

Admitted to Course..... in Polytechnic/Institute
 Roll No. Alloted.....

(CHIEF ADMISSION OFFICER)

(ADMISSION OFFICER)

1. Name of the Programme ; Test No. : 1 1 2 3 4 5
 (Apt)
2. Name : Mr./Miss/Mrs.....
3. Father's Name..... Mother's Name.....
4. (a) Roll No. of CET..... Rank.....
 (b) Category.....(c) Sub Category.....(d) Local/Outsider.....
 Date of Birth..... Sex..... Nationality.....
 Y M D

5. (A) Marks Obtained in Qualifying Exam. (X/XII)

| S. No. | Subjects taken | Maximum Marks | Marks Obtained | Aggregate % of* |
|--------|----------------|---------------|----------------|-----------------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

(B) Marks obtained in 10+2 (Vocational Stream) ITI (For Lateral entry to 3rd Semester)

| S. No. | Subjects taken | Maximum Marks | Marks Obtained | Aggregate % of* |
|--------|----------------|---------------|----------------|-----------------|
| | | | | |

6. Passed in English in 10th 12th class.....(Y/N).....

7. Passed other examinations, if any.....

8. List of enclosures (Photocopies) (Please tick)

- | | | | |
|---|--------------------------|----------------------------|--------------------------|
| (a) Date of Birth Certificates | <input type="checkbox"/> | (f) Character Certificate | <input type="checkbox"/> |
| (b) Secondary School Mark Sheet | <input type="checkbox"/> | (g) Others, if any | <input type="checkbox"/> |
| (c) Secondary School Certificate | <input type="checkbox"/> | (h) Category Certificate | <input type="checkbox"/> |
| (d) Senior Secondary School Marksheets | <input type="checkbox"/> | (i) Medical Certificate | <input type="checkbox"/> |
| (e) Senior Secondary School Certificate | <input type="checkbox"/> | (j) Rural Area Certificate | <input type="checkbox"/> |

(Original Certificates to be brought and submitted at the time of Verifcain/Counseling)

Received original documents :

- | | | | | |
|---|--------------------------|----------------------------|--------------------------|-------------------|
| (a) Date of Birth Certificates | <input type="checkbox"/> | (f) Character Certificate | <input type="checkbox"/> | (k) Total = |
| (b) Secondary School Mark Sheet | <input type="checkbox"/> | (g) Others, if any | <input type="checkbox"/> | |
| (c) Secondary School Certificate | <input type="checkbox"/> | (h) Category Certificate | <input type="checkbox"/> | |
| (d) Senior Secondary School Marksheets | <input type="checkbox"/> | (i) Medical Certificate | <input type="checkbox"/> | |
| (e) Senior Secondary School Certificate | <input type="checkbox"/> | (j) Rural Area Certificate | <input type="checkbox"/> | |

Signature of official receiving originals Name.....

9. Address of the Applicant.....

9. (a) Father's Name..... Occupation.....

Residential Address..... Telephone.....

Official Address..... Telephone.....

(b) i) Local Guardian Name (in Delhi).....

ii) Relationship with the Candidate.....

iii) Residential Address..... Telephone.....

iv) Official Address..... Telephone.....

11. Name of the course..... Name of the Polytechnic.....

(The Preference of Branch & Polytechnic will be decided by the candidate at the time of his/her counseling & as per the availability of the seat)

(Signature of Parents/Guardian)

Certificate checked and verified..... (Y/N)

Name & Signature of the Verifying Officer.....

DECLARATION

- (A) I hereby declare that the information given in the application is true & no material information has been willfully suppressed by me. I understand that I will stand to be disqualified from being admitted to the course in the event of my being found to have furnished any false information.
- (B) I agree that Director's/Principal's decision in all matters concerning my admission, studies, discipline and conduct will be final binding on me.
- (C) I agree for retention of my original documents by the Polytechnic/Institute till the completion of the programme.

Date.....

Signature of Applicant

I have permitted my award to years Diploma Course..... in Polytechnic/Institute to which he/she could be admitted in one of the responsibility towards his/her conduct and discipline of the Polytechnic/Institute in which he/she is admitted. I also certify that the information given to my ward in the above application is correct to the best of my knowledge. In the event of my ward is admitted to the said course, I will be responsible for payment of fees and other dues from time to time.

(Signature of Parent/Guardian)

IMPORTANT INFORMATION

1. Sale of information Bulletin: From 25th April 2005 to 16th May, 2005 from all Govt. Polytechnics except Pusa Polytechnic and Ambedkar Polytechnic.
2. Cost of Information Bulletin Rs 250/- per test as DD/Pay order in favour of DDO, Board of Technical Education payable at Delhi/ New Delhi.
3. Receipt of request for sending Information Bulletin by post at BTE From 25th April to 5th May, 2005
4. Schedule for Receipt of application forms and issue of admit cards (as given below)

| Test No. | Name & Address of the Centre Receiving Application & Issuing Admit Cards | Last Date & closing time for Submission of Application |
|--|--|--|
| 1 (including Aptitude Test) | -12 | 16.05.2005 by 4.00 PM. |
| 2, 3, 4 & 5 | Kasturba Polytechnic, Muni Maya Ram Marg, Near T. V. Tower, Pitampura, Delhi-88. | 16.05.2005 by 4.00 PM. |
| Application sent by Post for all Tests (For Information Bulletin sent by post by the Board of Technical Education, Delhi) | The Controller of Examinations Board of Technical Education Muni Maya Ram Marg, Near TV Tower Pitampura, Delhi-110 088. | 16.05.2005 by 4.00 PM. |

5. Issue of duplicate admit cards in case of loss /damage on payment of Rs 250/- in cash /issue of admit card in case of non-receipt of the card sent by post by BTE: : 24th May 2005 to 27th May 2005
6. **Dates of Examination**

| Test No | Qualifying Examination | Date | Time |
|--|---|--------------------------------------|-----------------------|
| Test 1 | Class 10 of CBSE /Equiv | 4 th June, 2005, Saturday | 10 A.M. to 12.30 P.M. |
| Test 2 For Modern Office practice(English) | CBSE 10+2 (Academic) /Equiv (Any Group) | 4 th | 2 P.M. to 4.30 P.M. |
| Test 3 For Modern Office practice (Hindi) | CBSE 10+2 (Academic) /Equiv (Any Group) | 5 th June, 2005, Sunday | 10 A.M. to 12.30 P.M. |
| Test 4 For Pharmacy | CBSE 10+2 /Equiv with PCM/B | 5 th June, 2005, Sunday | 2 P.M. to 4.30 P.M. |
| Test 5 For Lateral Entry | CBSE 10+2 Vocational/ITI, Delhi | 5 th June, 2005, Sunday | 2 P.M. to 4.30 P.M. |
| Aptitude test for Art based Courses | Class 10 of CBSE /Equiv | 5 th June, 2005, Sunday | 2 P.M. to 3.30 P.M. |

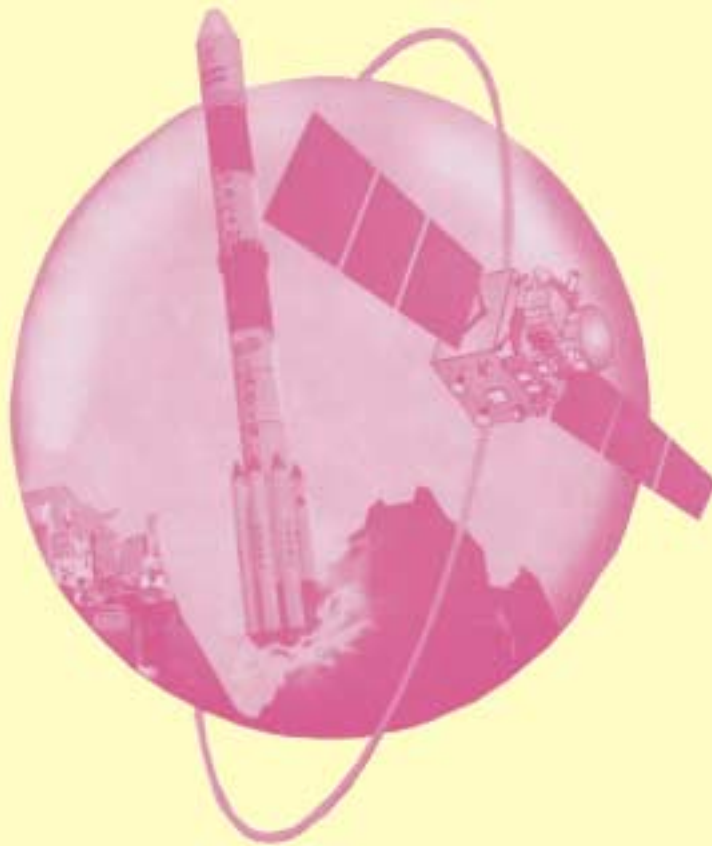
7. **DECLARATION OF RESULT IN THE WEBSITE OF THE DEPARTMENT IN THE COUNSELLING CENTERS**
 - 16.6.05 AT 2200 HRS.
 - 17.6.05 AT 1600 HRS.

8. REGISTRATION:

| TEST NO. | REGISTRATION CENTRE | DATE |
|----------|--|---|
| 1 | G.B. Pant Polytechnic except Art of Drawing Teacher, Beauty Culture, Commercial Art, Fashion Design, Library Science, Textile Design | 20.6.05, 21.06.05, 22.06.05 & 23.6.05 (10.00 AM TO 4.00 PM) |
| | Womens Polytechnic/ Meerabai Polytechnic for Art of Drawing Teacher, Beauty Culture, Commercial Art, Fashion Design, Library Science, Textile Design | 30.6.05 & 1.7.05 |
| 2 & 3 | Bhai Paramanand Institute of Business Studies for Modern Officer Practice Hindi & English | 30.6.05 & 1.7.05 |
| 4 | Ambedkar Polytechnic for Pharmacy | 30.6.05 & 1.7.05 |
| 5 | Pusa Polytechnic for Lateral entry | 30.6.05 & 1.7.05 |

9. **CENTRALISED ADMISSION TO J&K MIGRANTS AT G.B. PANT POLYTECHNIC** 25.7.05
10. **Completion of admission against Management Quota by the Private Polytechnics** 31.7.05
11. **Commence of 1st year Classes** 25.7.05

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**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF TRAINING AND TECHNICAL EDUCATION
MUNI MAYA RAM MARG, NEAR T.V. TOWER, PITAMPURA, DELHI 110 088**

Price : Rs. 250/- (including the cost of application form and Common Entrance Test Fee.)