

# AIPMT 2010

## All India Pre Medical/Pre Dental Entrance Examination 2010

### 1. INTRODUCTION

In compliance with the directive of the Hon'ble Supreme Court of India, the Central Board of Secondary Education, Delhi, would be conducting the All India Pre-Medical/Pre-Dental Entrance Examination, 2010. This entrance examination is being conducted exclusively for the 15% merit positions for the Medical/Dental Colleges of India as specified in the directive of the court and will be governed by the rules and regulations specified for the same by the Government of India, Ministry of Health and Family Welfare from time to time.

### 2. SHORT TITLE

These rules will be called as All India Pre-Medical/Pre-Dental Entrance Examination Rules.

### 3. DEFINITIONS

- i. "Government" means Government of India.
- ii. "Ministry" means Ministry of Health & Family Welfare, New Delhi.
- iii. "Dte. GHS" means Directorate General of Health Services, New Delhi.
- iv. "Board" means Central Board of Secondary Education, Delhi
- v. "Medical Examination & AIPMT" means All India Pre-Medical/Pre-Dental Entrance Examination.
- vi. "Qualifying Examination" means Examinations on the result of which the candidate becomes eligible to apply for admission to the All India Pre-Medical/Pre-Dental Entrance Examination.
- vii. "Rules" means the rules specified by the Central Board of Secondary Education for the conduct of this examination under the directive of the Hon'ble Supreme Court of India as well as Ministry of Health & Family Welfare.
- viii. "Scheduled Castes" means Scheduled Castes as specified and laid down by the Government of India.
- ix. "Scheduled Tribes" means Scheduled Tribes as specified and laid down by the Government of India.
- x. "Other Backward Classes" means Other Backward Classes as specified and laid down by the Government of India.
- xi. "Physically Handicapped" means Physically Handicapped person as specified and laid down by the Government of India.
- xii. "Council" means Medical Council of India and Dental Council of India.
- xiii. "Eligible Candidate" means a candidate who satisfies the requirement of eligibility as prescribed by M.C.I. and D.C.I.

#### 4. PATTERN OF AIPMT 2010

The entrance examination consists of:

- **Preliminary Examination:**

The Preliminary Examination would consist of one paper containing 200 objective type questions (four options with single correct answer) from Physics, Chemistry and Biology (Botany & Zoology) to be answered on the specially designed machine-gradable sheet using Ball Point Pen only.

The duration of paper would be 3 hours.

- **Final Examination:**

**(Only for those who qualify in the Preliminary Examination).**

The Final Examination would consist of one paper containing 120 objective type questions (four options with single correct answer) from Physics, Chemistry and Biology (Botany & Zoology) to be answered on the specially designed machine-gradable sheet using Ball Point Pen only.

The duration of paper would be 3 hours.

#### LANGUAGE OF THE QUESTION PAPERS

Candidates can opt for Question Papers either in English or in Hindi. This option should be exercised while filling in the Application Form. **It cannot be changed later.**

#### 5. SCHEDULE OF EXAMINATION

- **PRELIMINARY EXAMINATION**

April 03, 2010 (**Saturday**)  
10.00 AM to 1.00 PM

- **FINAL EXAMINATION**

May 16, 2010 (**Sunday**)  
10.00 AM to 1.00 PM

The schedule will remain unaltered even if any of the above dates is declared a public holiday.

#### 6. SYLLABUS FOR THE EXAMINATION:

The Syllabus is common to both Preliminary and Final Examination. Please see Appendix-I for details.

#### 7. CENTRES FOR EXAMINATION

- i. Lists of cities where the Preliminary & Final Examination will be conducted are given in **Appendix II & III** respectively.
- ii. The Candidate should select **three convenient city codes** for Preliminary Examination from **Appendix II** and **two city codes** for Final Examination from **Appendix III**.
- iii. Though every effort will be made to allot a centre in one of the places selected by the candidate, yet the Board reserves its discretion to allot a centre other than the candidate's choice.
- iv. **Under no circumstances the centre once allotted shall be changed by the Board.**

## 8. ELIGIBILITY AND QUALIFICATIONS

- i. He/She has completed age of 17 years at the time of admission or will complete the age on or before 31<sup>st</sup> December of the year of his/her admission to the 1<sup>st</sup> year MBBS/BDS Course and is an INDIAN NATIONAL.
- ii. The upper age limit for All India Pre-Medical /Pre-Dental Entrance Examination is 25 years as on 31<sup>st</sup> December of the year of the entrance examination. Further provided that this upper age limit shall be relaxed by a period of 5 (five) years for the candidates of Scheduled Castes/Scheduled Tribes/Other Backward Classes.

Candidate must be born between:

- (a) 31.12.80 to 31.12.93 (SC/ST/OBC Category)
  - (b) 31.12.85 to 31.12.93 (Other Category)
- iii. The number of attempts which a candidate can avail at All India Pre-Medical/Pre-Dental Entrance Examination shall be limited to 3 (three) uniformly for all the candidates.
  - iv. Students from the States of Andhra Pradesh/J&K are not eligible, as both these States had opted out of All India Scheme since its inception. If they claim eligibility they must submit an affidavit, in original, in the Proforma on Rs. 10/- Non-Judicial Stamp Paper duly sworn before and attested by a Metropolitan Magistrate/First Class Judicial Magistrate to the effect that:
    - a. They are not eligible to compete for MBBS/BDS seats in the States of Andhra Pradesh/J&K and hence not eligible to seek admission in Medical/Dental Colleges of Andhra Pradesh/J&K and,
    - b. They are not domiciled in Andhra Pradesh/J&K.

**Note:** Applications not accompanied with the required affidavits or accompanied with incomplete, unattested or photocopy of the affidavit shall be summarily rejected without any further reference in the matter. The affidavits submitted by such candidates will be verified and if found to be false, the admission of all such candidates shall be cancelled and criminal proceedings may be initiated against them.

**For Format of Affidavit please see Appendix IV.**

### v. Qualifications and Qualifying examination Codes:

#### CODE: 01

The Higher/Senior Secondary Examination or the Indian School Certificate Examination which is equivalent to 10+2 Higher/Senior Secondary Examination after a period of 12 years study, the last two years of such study comprising of Physics, Chemistry, Biology (which shall include practical tests in these subjects) and Mathematics or any other elective subject with English at a level not less than the core course for English as prescribed by the National Council of Educational Research and Training after introduction of the 10+2+3 educational structure as recommended by the National Committee on Education.

**NOTE:** where the course content is not as prescribed for 10 +2 education structure of the National Committee, the candidates will have to undergo as a period of one year pre - professional training before admission to the Medical Colleges.

OR

**CODE: 02**

The Intermediate/Pre-degree Examination in Science of an Indian University/Board or other recognised examining body with Physics, Chemistry, Biology (which shall include practical test in these subjects) and English.

OR

**CODE: 03**

The Pre-professional/Pre-medical Examination with Physics, Chemistry, Biology & English after passing either the Higher Secondary Examination or the Pre-University or an equivalent examination. The Pre-professional/Pre-medical examination shall include practical test in these subjects.

OR

**CODE: 04**

The first year of the three years' degree course of a recognised University with Physics, Chemistry and Biology including practical tests in these subjects provided the examination is a University Examination and further that he/she has passed the earlier qualifying examination with Physics, Chemistry, Biology and English.

OR

**CODE: 05**

B.Sc. Examination of an Indian University provided that he/she has passed the B.Sc. Examination with not less than two of the subjects Physics, Chemistry, Biology (Botany, Zoology) and further that he/she has passed the earlier qualifying examination with Physics, Chemistry, Biology and English

OR

**CODE: 06**

Any other examination which in scope and standard (Last 02 years of 10+2 Study comprising of Physics, Chemistry and Biology; Which shall include practical test in these subjects.) is found to be equivalent to the Intermediate Science Examination of an Indian University/Board, taking Physics, Chemistry and Biology including practical tests in each of these subjects and English.

**CODE: 07**

**A candidate who is taking up the qualifying examination prior to the competitive test, or whose result is awaited,** may also apply and take up the said test but he/she shall not be eligible for admission to the MBBS or BDS, if he/she does not pass the qualifying examination with the required pass percentage of marks at the time of first round of allotment by personal appearance. Provided that to be eligible for competitive entrance examination, candidate must have passed any of the qualifying examinations as enumerated above.

Provided also that to be eligible for competitive entrance examination the candidate must have passed in the subjects of Physics, Chemistry, Biology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry and Biology at the qualifying examination. In respect of the candidates belonging to Scheduled Castes, Scheduled Tribes or Other Backward Classes the marks obtained in Physics, Chemistry and Biology taken together in qualifying examination and competitive entrance examination be 40% marks instead of 50% for General Candidates. Further, for persons with locomotory disability of lower limbs, the minimum of 45% marks for Gen-PH and 40% marks for SCPH/ST-PH/OBC-PH are required.

Provided further that the students of Indian Nationality educated abroad seeking admission into medical colleges in India must have passed in the subjects of Physics, Chemistry, Biology and English upto the 12<sup>th</sup> standard level with 50% marks and their equivalency determined as per regulations of the Medical Council of India and the concerned University. If a candidate does not fall within the qualifications prescribed as per Code number 01-06 he/she should furnish complete details to determine eligibility.

**vi. RESERVATION**

Reservation will be made as per following details in 15% All India quota:

- (i) 15% seats are reserved for SC candidates,
- (ii) 7.5% seats are reserved for ST candidates,
- (iii) 27% seats are reserved for non-creamy layer OBC candidates in Central Educational Institutions only as per Hon'ble Supreme Court order dated 10.04.2008,
- (iv) 3% seats are reserved on horizontal basis for PH candidates. The reservation will be made as per 2200 point reservation roster. The mode of implementation of reservation will be available on DGHS website-www.mohfw.nic.in.

**NOTE:**

- a. The Pre-medical course may be conducted either at a Medical College or at a Science College.
- b. After the 10+2 course is introduced the integrated courses be abolished.
- c. Marks obtained in Mathematics are not to be considered for admission to M.B.B.S. Course.
- d. No State eligibility criteria will be applicable to the students who take admission under 15% All India Quota Scheme.

**9. MODE OF SALE OF INFORMATION BULLETIN AND APPLICATION FORM**

- i. The Information Bulletin containing Application Form can be obtained against cash payment of Rs.800/- for General/OBC Category and Rs. 450/- for Scheduled Caste/Scheduled Tribe Category from any of 177 specified branches of Canara Bank situated in the different part of the country.

**The list of Banks is given in Appendix IX.** Fee once remitted shall not be refunded under any circumstances.

**THE CANARA BANK WILL NOT SEND THE INFORMATION BULLETIN BY POST, HENCE NO REQUEST SHOULD BE MADE TO THE BANK FOR SENDING THE BULLETIN BY POST.**

ii. The Information Bulletin and Application Form can also be obtained from the following offices of the CBSE:

- (a) The Deputy Secretary (AIPMT)  
Central Board of Secondary Education  
Shiksha Kendra 2, Community Centre, Preet Vihar, Delhi-110 301  
Tel.: 011-22509256-59  
Fax: 011-22509251
- (b) The Regional Officer,  
CBSE, Todarmal Marg,  
Ajmer-305 001 (Rajasthan)  
Tel.: 0145-2627460, 2421543,  
2627139,2627451
- (c) The Regional Officer,  
CBSE, Sector-5  
Punchkula-134 152 (Haryana)  
Tel.: 0172-2585193, 2585163
- (d) The Regional Officer,  
CBSE, Seuj Sarani,,  
Lakhimi Nagar Road, Hatigaon  
Guwahati-781 006 (Assam)  
Tel.: 0361-2229992
- (e) The Regional Officer,  
CBSE, 35-B, M.G. Marg, Civil Lines,  
Allahabad-211 001 (U.P.)  
Tel.: 0532- 2408970, 2408971, 2407972
- (f) The Regional Officer,  
CBSE, Plot No. 1630-A  
J-Block, Anna Nagar  
Chennai-600 040 (T. N.)  
Tel.: 044-26161100, 26162213-14
- (g) The Regional Officer,  
CBSE, 8<sup>th</sup> Floor, BSFC Building  
Frazer Road, Patna-800 001 (Bihar)  
Tel: 0612-2332248,2332008
- (h) The Regional Officer,  
CBSE, 6<sup>th</sup> Floor,  
Alok Bharati Building, Shaheed Nagar,  
Bhubneswar-751 007 (Orissa)  
Tel: 0674-2542312

By Sending a M.I.C.R. Bank Draft of Rs. 850/- by General /OBC Candidate and Rs. 500/- by SC/ST Candidate drawn in favour of **The Secretary, CBSE, Delhi payable at Delhi** by post latest by 18th November, 2009 alongwith a self-addressed envelope of 12" × 10" size. The Bulletin will be sent in the self-addressed envelope by regd/speed post to the applicant.

Against Cash Payment of Rs. 800/- by General/OBC Candidate and Rs. 450/- by SC/ST Candidate.

Canara Bank or its specified Branches and Regional Offices of CBSE will not be responsible for any consequences that may arise due to non-availability of forms from the Banks/Regional Offices. In case, copies of Application Forms are sold out before the last date at any of the branches and the same are not available with the Canara Banks/ Regional Offices of CBSE, the candidates should either apply online or get the same from All India Pre-Medical/Pre-Dental Entrance Examination Unit, CBSE, Shiksha Kendra, 2, Community Centre, Preet Vihar, Delhi-110 301 by post in the manner as specified in 9. (ii) (a) or from the Canara Bank, 34, Netaji Subhash Marg, Daryaganj, New Delhi-110002, or Syndicate Bank, CBSE, Preet Vihar, Delhi-110 301 against cash payment of Rs 800/- by General/OBC Candidate and Rs450/- by SC/ST Candidate personally till the last date is over.

The designated Banks will charge Rs. 5/- as Service Charge for the sale of Information Bulletin in addition to the fee.

**Candidates should buy the Information Bulletin from the designated branches of the Canara Bank only and not from any private publisher/vender as these may be fake Information Bulletins.**

## **10. INSTRUCTIONS FOR COMPLETING AND SENDING THE APPLICATION FORM**

A candidate can apply for the All India Pre-Medical/ Pre-Dental Entrance Examination in the following two ways:

### **10.1 Offline (On prescribed Application Form)**

Offline submission of Application may be made on the prescribed Application Form. Information Bulletin containing Application Form can be obtained in the manner as specified in Clause-9.

### **10.2 Online**

Online submission of Application may be made by accessing the Board's website. The candidate should supply all details while filling up the Online Form. Candidates are required to take a print of the Online Application after successful submission of data. The print out of the computer generated Application Form, complete in all respects as applicable for Offline submission should be sent through Speed Post / Regd. Post in such a way that it should reach to the Board on or before the last date. Candidate should pay the application fee (Rupees 800/- for General /OBC Category and Rupees 450/- for SC/ST Category). The fee shall be remitted in the following ways:

- (a) By credit card, or
- (b) Through Demand Draft which should be in favour of the Secretary, C.B.S.E., Delhi drawn on any Nationalised bank payable at Delhi

**Write your name, address, contact no. and application number on the back of the Demand Draft.**

More information and instructions for filling-in the Online Application Form will be available on the Board's website from 20.10.2009 (10.00 a.m.) to 27.11.2009 (5.00 p.m.)

Even after the successful submission of online Application Form within due date, if the Application Form is not received by the Board on or before the last date or received without the requisite fee, the Application Form of the candidate will be treated as cancelled.

### **10.3 Other instructions**

- i. The candidate, before filling-in the form, shall satisfy his/her eligibility to appear in the examination. The candidate is required to go through the Information Bulletin carefully and acquaint himself/herself with all requirements with regard to the filling-in of the Application Form.
- ii. Application Form should be filled in English only.
- iii. The candidate shall fill-up the Application Form in his/her own handwriting in BLOCK LETTERS written neatly and legibly with blue/black Ball point pen within the prescribed boxes.
- iv. **OVERWRITING , CUTTINGS, ERASINGS IN THE APPLICATION FORMS MAY LEAD TO REJECTION OF FORM. ANY ERROR ARISING ON THIS ACCOUNT SHALL BE THE RESPONSIBILITY OF THE CANDIDATES.**

- v. The Candidate should write his/her complete address in the Application Form for further correspondence. Pin Code should invariably be given in the space provided for Pin Code.
- vi. It will be the responsibility of the candidate to ensure that he/she fills-in his/her correct address in the Application Form. Candidates must ensure that address given by them be such at which candidate may be able to get the communication till the counselling is over. THE BOARD SHALL NOT BE HELD RESPONSIBLE FOR ANY LOSS IN TRANSIT OR FOR AN INCORRECT ADDRESS GIVEN BY THE APPLICANT ON THE APPLICATION FORM.
- vii. Candidates should write Code Number against the column provided for Qualifying examination passed. If a candidate does not fall within the qualifications prescribed as per Code numbers 01 to 06, he/she should furnish complete details and fill up qualifying examination Code as 07. **Candidates appearing in class XII in 2010 should fill up qualifying code as 07.**

viii. **ADDRESS OF THE BOARD**

The Application Form duly filled-in alongwith other documents, if any, should be sent to **THE DEPUTY SECRETARY (AIPMT UNIT), CBSE, SHIKSHA KENDRA, 2, COMMUNITY CENTRE, PREET VIHAR, DELHI-110 301** by Registered Post/Speed Post only so as to reach positively by **04.12.2009**. **The Application Form will not be received personally from candidates in any case.** All other correspondence pertaining to conduct of examination shall also be made on this address.

ix. **IMPORTANT WEBSITES**

- (a) The official website of the Board for All India Pre-Medical/Pre-Dental Entrance Examination is **www.aipmt.nic.in**. All the examination related information will be available on this website.
- (b) The official website of the Dte. General of Health Services is **www.mohfw.nic.in**. All the counselling related information will be available on this website.

x. **Last date of Receipt of Application Form**

The last date of receipt of Application Form for both offline and online is **04.12.2009**. In case the application is submitted online, printout of the computer generated form complete in all respects as applicable for offline submission must reach on or before the last date. 15 days' grace time will be allowed from the last date of submission of the application to the candidates belonging to remote areas viz. **Mizoram, Assam, Meghalaya, Arunachal Pradesh, Manipur, Nagaland, Tripura, Sikkim, Lahaul and Spiti Districts and Pangi sub-division of Chamba District of Himachal Pradesh, Andaman & Nicobar Islands and Lakshadweep.**

- xi. Candidate should write his/her name, mother's name and father's name in capital letters as given in High School Certificate of Board/University. Each letter should be filled in one box as shown below:

Name: KAMAL KUMAR

KAMAL KUMAR

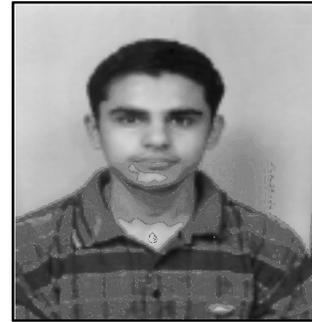
Mother's Name: VIMLA DEVI

VIMLA DEVI



photograph on Application Form candidate must write down his/her name, Application Form number and Contact Number on the back of both the photographs with Ball point pen only. Affix two recent good quality colour STUDIO photographs with light colour background, one attested and the other unattested in the space earmarked for these in the Application Form. The photographs must be taken on or after **01.09.2009** indicating clearly the name of candidate along with the date of taking the photograph as shown below. Photograph should not have cap or goggles.

Spectacles are allowed if being used regularly. POLAROID and COMPUTER generated photos are not acceptable. The photograph should be attested by the Principal/Head of the Institution or by a Gazetted Officer in such a way that half the signature of the attesting officer appear on the photograph and the remaining on the Application Form. Attestation should be done at the bottom part of the photograph so that the photograph is not defaced. The photograph should be firmly affixed to the Application Form by gum/fevicol and should not be pinned or stapled. Applications not complying with these instructions, or with unclear photographs are liable to be rejected.



KAMAL KUMAR

01 09 2009

- xvii. The candidates are requested to put their signature in the appropriate box given in the Application Form in running hand writing. Writing full name in the Box in Capital letters would not be accepted as signature and the Application Form would liable to be rejected.
- xviii. Candidate should firmly tie or staple together his/her Application Form and enclosures, if any. Please use the CBSE envelope for despatch of Offline Application Form. For Online Application Form, any envelope may be used.
- xix. Request for change in any particulars in the Application Form shall not be entertained under any circumstances.
- xx. Incomplete Application Forms or forms having over-writing shall be rejected.**
- xxi.** Submission of more than one Application Form Candidates are advised to submit only one Application Form. If a candidate submits more than one Application Form, his/her candidature is liable to be cancelled.
- xxii. Confirmation of receipt of Application Form:** Confirmation of the Application Forms received by the Board would be hosted on Board's website. Efforts would be made to host the confirmation of all Application Forms received by the Board within 15 days time from the last date of receipt of the Application Forms. After Board hosts the details of all the Application Forms on website, candidates may check the status of their Application Form. If any candidate who had sent Application Form through speed post/registered post and against his/her application number the information is available on Board's website that 'form is not received', in such cases candidates are advised to contact to the Board latest by 29.01.2010 along with the following documents:

**In case Application Form is submitted Offline:**

- a) Photocopy of the filled-in Application Form.
- b) Original receipt issued by the Post Office for having dispatched the Application Form.

**In case Application Form is submitted Online:**

- a) Photocopy of the computer generated filled in Application Form.
- b) Original receipt issued by the Post Office for having dispatched the Application Form.
- c) Proof of fee paid (Photocopy of the Demand Draft, if fees remitted through DD/Photocopy of the statement of the Card if fee is paid through Credit Card).

**No request for non-receipt of Application Form would be entertained by the CBSE after 29.01.2010.**

Candidates are advised to retain the photocopy of the filled-in Application Form/Computer generated Application Form, Proof of remitting fee and the original receipt issued by the post office for having despatched the Application Form to the Board.

- xxiii. **Admit Card:** The Admit Card will be sent to the candidates by post. In case the Admit card for Preliminary Examination is not received by 17<sup>th</sup> March 2010, candidate should contact the Board between 18-03-2010 to 29-03-2010 only.

The Admit Card will bear the candidate's roll number, name, Father's name, Category, Sub Category, photograph, signatures, Date of Birth, language of question paper with name and address of AIPMT centre allotted. The candidate should carefully examine the admit card received by him/her for all the entries made therein. In case of any discrepancy, the candidate should immediately inform the Board.

Candidates qualified for the Final Examination- a separate admit card indicating the new roll number and other details will be issued. If the Admit Card is not received by 3rd May 2010, the candidate should contact to the Board between 04-05-2010 to 10-05-2010 only.

**In no case, the duplicate Admit Card for both Preliminary & Final Examinations would be issued at the Examination Centres.**

**Candidate must not mutilate the Admit Card or change any entry made therein.**

**Candidates are advised to preserve their Admit Cards in good condition till admission in Medical/Dental Colleges is over.**

## **11. INSTRUCTIONS TO BE FOLLOWED IN THE EXAMINATION HALL**

### **11.1 GENERAL INSTRUCTIONS:**

- i. The Examination Hall will be opened 30 minutes before the commencement of the test. Candidates are expected to take their seats immediately after the opening of the Examination Hall. If the candidates do not report in time, they are likely to miss some of the general instructions to be announced in the Examination Hall.
- ii. The candidate must show, on demand, the Admit Card for admission in the Examination Hall. A candidate who does not possess the Admit Card issued by the Board shall not be admitted to the Examination Hall under any circumstances by the Centre Superintendent.

- iii. During the examination time, the invigilator will check Admit Card of the candidates to satisfy himself/herself about the identity of each candidate. The invigilator will also put his/her signatures in the place provided in the Answer Sheet on SIDE-1.
- iv. A seat with a roll number will be allotted to each candidate. Candidates must find out and occupy their allotted seats. If a candidate is found appearing in the Test from a seat or room other than the one allotted to him/her, his/her candidature shall be cancelled.
- v. **A candidate who comes after the commencement of the examination shall not be permitted to sit in the examination.**
- vi. Candidates are not allowed to carry any textual material, printed or written, bits of papers, envelope or any other material except the Admit Card inside the Examination Hall.
- vii. **Calculators, Slide Rules, Log Tables, Geometry Box, Electronic Digital Watches with facilities of calculators, cellular phones, pagers or any other electronic gadget are not allowed inside the Examination Hall.**  
**Candidates are advised in their own interest not to bring any of the banned items including Mobile Phone to the venue of the examination as arrangement for safe keeping cannot be assured.**
- viii. No candidate, without the special permission of the Centre Superintendent or the Invigilator concerned, will leave his/her seat or the Examination Room/Hall until he/she has finished his/her paper. Candidates should not leave the Room/Hall without handing over their Answer Sheets to the invigilator on duty.
- ix. Candidates are advised to bring with them a card board or a clip board so that they have no difficulty in writing responses in the Answer Sheet even if the tables provided in the Examination Hall do not have smooth surface. They will also bring their own Ball Point Pens of good quality. These will not be supplied by the Board.
- x. Smoking in the Examination Hall during examination hours is strictly prohibited.
- xi. Tea, coffee, cold drinks or snacks are not allowed to be taken by the candidates into the Examination Halls during examination hours.
- xii. 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.
- xiii. A signal will be given at the beginning of the examination and at half-time. A signal will also be given before the closing time when the candidate must stop marking the responses.
- xiv. The candidate must sign twice on the Attendance Sheet at the appropriate place. Firstly immediately after the commencement of Examination and for the second time while delivering the Answer Sheet. The candidates are also required to put their left hand thumb impression in the space provided on the Attendance Sheet.
- xv. **For those who are unable to appear on the scheduled date of examination for any reason, re-examination shall not be held by the Board under any circumstances.**
- xvi. **UNFAIR MEANS PRACTICE & BREACHES OF EXAMINATION RULES:**

a. **Unfair mean practice is an activity that allows a candidate to gain an unfair advantage over other candidates. It includes, but not limited to:**

- having in possession papers, books, notes, electronic devices or any other material or information relevant to the examination in the paper concerned;
- paying someone to write examination (impersonation) or prepare material;
- breaching examination rules;
- assisting another candidate to engage in malpractice;
- giving or receiving assistance directly or indirectly of any kind or attempting to do so;
- writing questions or answers on any material other than the answer sheet given by the Centre Superintendent for writing answers;
- tearing of Answer Sheet, any page of the test booklet, etc.;
- contacting or communicating or trying to do so with any person, other than the Examination Staff, during the examination time in the examination centre;
- taking away the answer sheet out of the examination hall/room;
- smuggling out Question Paper or its part or smuggling out answer sheet or part thereof;
- threatening any of the officials connected with the conduct of the examinations or threatening any of the candidates; and
- using or attempting to use any other undesirable method or means in connection with the examination.

b. **PUNISHMENT FOR USING UNFAIRMEANS PRACTICE**

During the course of examination or later on, if a candidate is found indulged in any of the above practice, shall be deemed to have used unfair practices at examination and marked as UNFAIRMEANS (U.F.M.). Such candidates would be debarred from taking this examination permanently in future and shall also be liable for criminal action and /or any other action as deem fit by the Board.

- c. Candidates should ensure before leaving the Examination Hall that they have handed over the Answer Sheet to the invigilators on duty and that they have signed on the Attendance Sheet second time. In case the candidate does not hand over the Answer Sheet and takes away the same with him/her, this shall amount to use of unfair means practices and accordingly his/her case shall be dealt with.
- d. The candidate will check and ensure that the Test-Booklet contain as many number of pages as are written on the top of the cover page.

xvii. **INFORMATION FOR PARENTS/GUARDIANS**

Parents/Guardians are advised to ensure that their ward should not indulge in unfair means activities/malpractices which breaches the examination rules. If any candidate is found to be

indulged in any such activity he/she shall be debarred from taking this examination permanently in future and shall also be liable for criminal action and/or any other action deemed fit by the Board.

- xviii. **The conduct of AIPMT Final Examination would be videographed. The candidates are required to keep their head in up right position and face the camera during the videography so that their identity could be clearly established.**
- xix. **It is mandatory for the candidate to bring his/her postcard size(3½"X5") photograph during the conduct of AIPMT Final Examination. At the back of the photograph, candidate must mention his/her name, Application Form number, roll number of Preliminary Examination and roll number of Final Examination.**

**This photograph will be collected by the Invigilator concerned after matching the photograph with the candidate appearing in the Final Examination.**

### **11.2 INSTRUCTIONS FOR BOTH PRELIMINARY & FINAL EXAMINATIONS:**

- i. Fifteen minutes before the commencement of the Test each candidate will be given sealed Test Booklet.
- ii. Immediately on receipt of the Test Booklet the candidates will fill in the required particulars on the cover page of the Test Booklet with Ball Point Pen only. He/She will not open 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. The candidate should check carefully that the Test Booklet Code printed on Side-2 of the Answer Sheet is the same as printed on Test Booklet. In case of discrepancy, the candidate should immediately report the matter to the invigilator for replacement of both the Test Booklet and the Answer Sheet.
- iv. Candidate will then write particulars with ball point pen on both the sides. After completing this step the candidate will wait for the signal by the invigilator.
- v. After completing the Test and before handing over the Answer Sheet, the candidate should check again that all the particulars required in the Answer Sheet have been correctly written and marked.

#### **11.2.1 THE ANSWER SHEET**

- i. The Answer Sheet will be found placed inside the sealed Test Booklet. The seal will be broken/opened by the candidate on the announcement by the invigilator and only then the Answer Sheet shall be taken out. **Do not open/break the seal before the announcement.**
- ii. Side-2 of each Answer Sheet will have a pre-printed Test Booklet Code A, B, C and D. **The candidates are required to check that the Test Booklet code pre-printed on SIDE-2 of the Answer Sheet is the same as printed on the Test Booklet.**
- iii. The format of the Answer Sheet which will be found placed inside the Test Booklet and which will be used for answering questions is given in **Appendix-VIII**. Candidates are advised

to go through it and be conversant with the requirements of giving particulars and marking the answers.

iv. The Answer Sheet used will be of special type which will be scanned on Optical Scanner. There will be two sides of the Answer Sheet.

a. **Side 1** This side of the Answer Sheet contains the following columns which are to be filled in neatly and accurately by the candidate with Blue/Black ball point pen only. **Use of pencil on OMR sheet is not allowed. OMR sheet filled in with pencil would be summarily rejected for evaluation.**

- (i) Roll Number
- (ii) Name of the candidate
- (iii) Father's Name
- (iv) Centre Number
- (v) Name of the Examination Centre
- (vi) Signature of the candidate

b. **Side 2** This side of the Answer Sheet contains the following columns which are also to be filled in by the candidate with **Blue/Black Ball Point Pen only**:

- (i) Roll Number
- (ii) Centre Number
- (iii) Test Booklet Number
- (iv) Question 001 to 200/Question 001 to 120

Each column corresponds to the serial number of question given in the Test Booklet. With each column there are four circles which correspond to the four alternative responses, one of which is correct or most appropriate.

v. **WRITING OF PARTICULARS AND RESPONSES ON SIDE-2 WITH BLUE/BLACK BALL POINT PEN ONLY**

Roll Number	Write and mark your Roll Number as per specimen Answer Sheet. For example Roll No. 0214057.
Centre Number	Write and mark your Centre Number as per specimen Answer Sheet. For example Centre No. 0239.
Test Booklet No.	Write and mark your Test Booklet number as indicated on the Test Booklet as per specimen Answer Sheet. For example Test Booklet No. 020456.

### **11.2.2 IMPORTANT INSTRUCTIONS FORMARKING THE RESPONSES**

- i. Use Blue/Black Ball Point Pen only to darken the appropriate circle. Answers marked with pencil would not be evaluated.
- ii. Mark should be dark and should completely fill the circle.
- iii. Darken only one circle for each entry as the Answer once marked is not liable to be changed.

- iv. A lightly or faintly darkened circle will be treated as a wrong method of marking and will be rejected by the Optical Scanner.
- v. Make the marks only in the space provided.
- vi. There will be four alternatives for each of the question numbering 001 to 200 in Preliminary Examination and 001 to 120 in Final Examination. The candidate will indicate his/her response to the question by darkening the appropriate circle completely with Ball Point Pen. For example, Question No. 008 in the Test Booklet reads as follows:

Qutub Minar is situated in

- (1) Delhi
- (2) Mumbai
- (3) Agra
- (4) Bangalore

The correct response to this question is (1) Delhi. The candidate will locate Question No. 008 in the Answer Sheet and darken the circle ① as shown below:



### 11.2.3 CHANGING AN ANSWER IS NOT ALLOWED

The candidates must fully satisfy themselves about the accuracy of the answer before darkening the appropriate circle as no change in answer once marked is allowed. Use of eraser or white/correction fluid on the Answer Sheet is not permissible as the Answer Sheets are machine gradable and it may lead to wrong evaluation.

If more than one circle is darkened or if the response is marked in any manner indicating wrong method shall be treated as wrong way of marking.

### 11.2.4 SCORING AND NEGATIVE MARKING

(a) **Each item carries 4 marks. For each correct response the candidate will get 4 marks. For each incorrect response one mark will be deducted from the total score.** No deduction from the total score will, however, be made if no response is indicated for an item in the Answer Sheet. The candidates are advised not to attempt such item in the Answer Sheet, if they are not sure of the correct response. **More than one answer indicated against a question will be deemed as incorrect response and will be negatively marked.**

(b) For the purpose of evaluation, the Test Booklet code as printed in the Answer Sheet on side-2 will be accepted as final.

### 11.2.5 ROUGH WORK

The candidate will not do any rough work or writing work on the Answer Sheet. All rough work is to be done in the Test Booklet itself.

## 12. MERIT LIST

- (i) The Central Board of Secondary Education will prepare the lists of successful candidates of Preliminary as given in Graduate Medical Education Regulations-1997 issued under All India Medical Council Act-1956. The eligibility criteria is as follows:

Under clause (2) to (4) of MCI's regulation, a candidate must have passed in the subjects of Physics, Chemistry, Biology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry, Biology at the qualifying examination as mentioned in clause (2) of regulation 4 and in addition must have come in the merit list prepared as a result of such competitive entrance examination by securing not less than 50% marks in Physics, Chemistry, Biology taken together in the competitive examination. In respect of the candidates belonging to the SC,ST and OBC category the marks obtained in Physics, Chemistry, Biology taken in qualifying examination and competitive examination be 40% marks instead of 50% for General Candidates. Further, for persons with locomotory disability of lower limbs, the minimum of 45% marks for Gen-PH and 40% marks for SC-PH/ST-PH/OBC-PH are required. Provided that a candidate who has appeared in the qualifying examination the result of which has not been declared, he may be provisionally permitted to take up the competitive entrance examination and in case of selection for admission to the MBBS course, he shall not be admitted to that course until he fulfills the eligibility criteria under regulation 4.

A list of the successful candidates in order to qualify for the Final Examination will be prepared by the Board based on the score obtained in the Preliminary Examination.

Similarly, a list of the successful candidates in order of merit based on the score obtained in the Final Examination will be prepared by the Board. The merit list will be equal to the number of seats available for allotment in MBBS/BDS course under 15% All India Quota. There shall also be a waiting list equal to the 100% of the merit list.

The list of successful candidates (Merit List/Waiting List) shall be forwarded to the Directorate General of Health Services (Medical Examination Cell) for the purpose of allotment of seats by personal appearance.

- (ii) In case of two or more candidates obtaining equal marks in the Final Examination, the inter-merit of such candidates shall be determined in order of preference as follows:
  - (a) Candidates obtaining higher marks in Biology (Botany & Zoology) in the entrance examination.
  - (b) Candidates obtaining higher marks in Chemistry in the entrance examination.
  - (c) Candidates older in age to be preferred.
  - (d) Candidates securing higher marks in Preliminary Examination will be preferred.

### **13. DECLARATION OF RESULT**

The Central Board of Secondary Education will conduct the AIPMT Preliminary and Final Examination, evaluate the Answer Sheets and declare the result as per following details:

- (i) The result of Preliminary Examination will be declared by the 11th week of April, 2010 and the same will be hosted on Board's website. Candidates qualified for the Final Examination would be issued a separate admit card indicating new roll number and other relevant details.
- (ii) The result of Final Examination will be declared by 1st week of June, 2010 and the same will be hosted on Board's website. Board will prepare the merit list/ wait list as per the directives of the Hon'ble Supreme Court of India, DGHS and MCI.

There will be no separate result list of SC/ST candidates. As soon as the result is ready, it will be sent to National Dailies for publication. CBSE will continue to send results/Rank letters to the meritorious/wait listed candidates through Speed post/Registered post/Courier depending on the circumstances.

### **13.1 RULES FOR RE-CHECKING/RE-EVALUATION OF ANSWER SHEETS**

The machine - gradable Answer Sheets are evaluated with extreme care and are repeatedly scrutinised. There is no provision for re-checking/re-evaluation or supply of photo copies of answer sheets for inspection to the candidates.

**No correspondence in this regard will be entertained.**

### **13.2 LEGAL JURISDICTION**

All disputes pertaining to the conduct of examination and allotment of seats shall fall within the jurisdiction of Delhi only. The Secretary of the Board shall be the legal person in whose name the Board may sue or may be sued.

## **14. WEEDING OUT RULES**

The records of All India Pre-Medical/Pre-Dental Entrance Examination is preserved till the end of 2nd week of August of the year of conduct of examination.

## **15. METHOD TO OBTAIN DIFFERENT INFORMATION USING SMS**

Candidates may obtain the different information such as the receipt of their application form, roll number/result of Preliminary Examination and Final Examination etc. by sending the SMS to the Board. In this regard, information would be provided on the Board's website.

## **16. CBSE MERIT SCHOLARSHIP SCHEME FOR PROFESSIONAL COURSES-AIPMT**

Central Board of Secondary Education has started the merit scholarship scheme for professional courses - AIPMT. The details of the scheme are as follows:

- (i) The applicant should be an Indian National.
- (ii) Placed in Merit/Wait List of the AIPMT conducted by Board.
- (iii) Pursuing professional course in Medicine in any Central University/Institution controlled or aided by Central/State Govt.
- (iv) 10% scholarships are reserved for the only girls child in their family who are otherwise eligible.

Total number of scholarship in AIPMT-2010 is 150 only. The value of each scholarship is Rs.1000/- per month for four years to be renewed every year subject to fulfillment of eligibility.

Candidates meet in the above eligibility criteria, see the details on Board's website, download the Application Form, fill it, get it verified from the Medical College where candidate had taken admission in MBBS, enclose the affidavit (in case of single girl child) and send to the Secretary, Central Board of Secondary Education, "Shiksha Kendra", 2, Community Centre, Preet Vihar, Delhi-110 301 on or before the last date which would be informed through website later on.

**17. INSTRUCTION FOR COUNSELLING:**

- (i) Counseling would be conducted by the Directorate General of Health Services. During the conduct of Final Examinations, candidates would be supplied information booklet containing information for counselling. Information would also be available on DGHS website. Candidates placed in Merit/ Wait List are advised to read the booklet carefully and understand the course of action to be taken by them for appearing in the Counselling. Any query related to Counseling may be referred to the following address:

**The Assistant Director General(ME)**  
**Directorate General of Health Services,**  
**Nirman Bhawan**  
**New Delhi-110 002**  
**Phone No.011-23062493, 23061907**

- (ii) Counselling will be held by personal appearance through Video-Conferencing tentatively from the following centres/cities with the main counselling venue at CHEB Building, Aiwan-E-Galib Marg, Kotla Road, Opp. Mata Sundry College for Women, New Delhi-110 002:

(a) Kolkata (b) Chennai (c) Mumbai

Candidates are requested to mention the code of their counselling venue at the appropriate place in the Application Form. Counselling will be strictly done at the venue as opted by the candidate in Application Form. No change in the venue of the counselling will be allowed under any circumstances.

**SYLLABUS FOR PRELIMINARY AND FINAL EXAMINATION OF  
ALL INDIA PMT/PDT ENTRANCE EXAMINATION 2010****PHYSICS****UNIT: 1 INTRODUCTION AND MEASUREMENT**

What is Physics? Scope and excitement; Physics in relation to science, society and technology; Need for measurement of physical quantities, units for measurement, systems of units-SI: fundamental and derived units. Dimensions of physical quantities. Dimensional analysis and its applications. Orders of magnitude, Accuracy and errors in measurement – random and instrumental errors, Significant figures and rounding off the numbers.

Graphs, Trigonometric functions, Concepts of differentiation and integration.

**UNIT: 2 DESCRIPTION OF MOTION IN ONE DIMENSION**

Objects in motion in one dimension, Motion in straight line, Uniform and non-uniform motion, its graphical representation and formulae, speed and velocity, relative velocity, average speed and instantaneous velocity. Uniformly accelerated motion, velocity-time graph, position-time graph and their formulae. Relations for uniformly accelerated motion with examples. Acceleration in one-dimensional motion.

**UNIT: 3 DESCRIPTION OF MOTION IN TWO AND THREE DIMENSIONS**

Vectors and scalars quantities, vectors in two and three dimensions, vector addition and multiplication by a real number, null-vector and its properties. Resolution of a vector in a plane, rectangular components. Scalar and vector products. Motion in two dimensions, cases of uniform velocity and uniform acceleration-projectile motion, general relation among position-velocity-acceleration for motion in a plane and uniform circular motion. Motion of objects in three dimensional space (elementary ideas).

**UNIT: 4 LAWS OF MOTION**

Force and inertia, first law of motion. Momentum, second law of motion, impulse, examples of different kinds of forces in nature. Third law of motion, conservation of momentum, rocket propulsion. Equilibrium of concurrent forces. Static and kinetic frictions, laws of friction, rolling friction, lubrication, Inertial and non-inertial frames (elementary ideas).

**UNIT: 5 WORK, ENERGY AND POWER**

Work done by a constant force and by a variable force, unit of work, energy and power. Work Energy Theorem. Elastic and in-elastic collisions in one and two dimensions. Notions of potential energy, conservation of mechanical energy: gravitational potential energy, and its conversion to kinetic energy, potential energy of a spring. Conservative forces. Different forms of energy, mass-energy equivalence, conservation of energy.

**UNIT: 6 ROTATIONAL MOTION**

Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of rigid body, general motion of a rigid body, nature of rotational motion, rotational motion of a single particle in two dimensions only, torque, angular momentum and its geometrical and physical meaning, conservation of angular momentum, examples of circular motion (car on a level circular road, car on banked road, pendulum swinging in a vertical plane). Moment of inertia, its physical significance, moment inertia of uniform bodies with simple geometrical shapes, parallel axis and perpendicular axis theorem (statements only), Comparison between translatory (linear) and rotational motion.

**UNIT: 7 GRAVITATION**

Acceleration due to gravity, one and two dimensional motion under gravity. Universal law of gravitation, inertial and gravitational mass, variations in the acceleration due to gravity of the earth, statement of Kepler's laws of planetary motion, orbital velocity, geostationary satellites, gravitational potential, gravitational potential energy near the surface of earth, escape velocity, weightlessness.

**UNIT: 8 HEAT AND THERMODYNAMICS**

Thermal equilibrium and temperature ( zeroth law of thermodynamics). Heat, work and internal energy. Specific heat, specific heat at constant volume and constant pressure of ideal gas and relation between them. First law of thermodynamics. Thermodynamic state, equation of state and isothermals, pressure-temperature phase diagram. Thermodynamic processes (reversible, irreversible, isothermal, adiabatic). Carnot cycle, second law of thermodynamics, efficiency of heat engines. Entropy. Transfer of heat: conduction, convection and radiation. Newton's law of cooling.

Thermal conductivity. Black body radiation, Wien's law, Solar constant and surface temperature of the sun, Stefan's law,

**UNIT: 9 OSCILLATIONS**

Periodic and oscillatory motions. Simple harmonic motion (S.H.M.) and its equation of motion. Oscillations due to a spring, kinetic energy and potential energy in S.H.M., Simple pendulum, physical concepts of forced oscillations, resonance and damped oscillations; Simple examples.

**UNIT: 10 WAVES**

Longitudinal and transverse waves and wave motion, speed of progressive wave. Principle of superposition of waves; reflection of waves, harmonic waves (qualitative treatment only), standing waves. Normal modes and its graphical representation. Beats, Doppler effect.

**UNIT: 11 ELECTROSTATICS**

Frictional electricity, charges and their conservation, unit of charge, Coulomb's law, dielectric constant, electric field, electric field due to a point charge, electric potential – its physical meaning, potential due to a di-pole, di-pole field and behaviour of dipole in a uniform (2-dimensional) electric field. Flux, Statement of Gauss's theorem and its applications to find

electric field due to uniformly charged simple systems. Conductors and insulators, presence of free charges and bound charges inside a conductor, Capacitance (parallel plate), Dielectric material and its effect on capacitance (concept only), capacitances in series and parallel, energy of a capacitor. Van de Graff generator.

**UNIT: 12 CURRENT ELECTRICITY**

Introduction (flow of current), sources of e.m.f., cells: simple, secondary, chargeable, combinations of cells in series and parallel. Electric current, resistance of different materials, temperature dependence, thermistor, specific resistivity, colour code for carbon resistors. Ohm's law and its limitation. Superconductors (elementary ideas). Kirchoff's laws, resistances in series and parallel, Wheatstone's bridge, measurement of resistance. Potentiometer – measurement of e.m.f. and internal resistance of a cell.

**UNIT: 13 THERMAL AND CHEMICAL EFFECTS OF CURRENTS**

Electric power, heating effects of current and Joule's law. Thermoelectricity: Seebeck effect, measurement of temperature using thermocouple. Chemical effects and Faraday's laws of electrolysis.

**UNIT: 14 MAGNETIC EFFECT OF CURRENTS**

Oersted's observation, Biot-Savart's law (magnetic field due to an element of current), magnetic field due to a straight wire, circular loop and solenoid. Force on a moving charge in a uniform magnetic field (Lorentz force), cyclotron (simple idea), forces and torques on currents in a magnetic field, forces between two currents, definition of ampere, moving coil galvanometer, ammeter and voltmeter. Conversion of galvanometer into voltmeter / ammeter.

**UNIT: 15 MAGNETISM**

Bar magnet (comparison with a solenoid), magnetic lines of force, torque on a bar magnet in a magnetic field, earth's magnetic field as a bar magnet, tangent galvanometer, vibration magnetometer. Para, dia and ferromagnetic substances with examples (simple idea). Electromagnets and permanent magnets.

**UNIT: 16 ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENTS**

Faraday's Law of electromagnetic induction, Lenz's Law, induced emf, self and mutual inductance. Alternating current, and voltage, impedance and reactance; A.C. circuits containing inductance, capacitance and resistance; phase relationships, and power in a.c. circuits, L.C oscillations. Electrical machines and devices (transformer, induction coil, generator, simple motors, choke and starter), eddy current.

**UNIT: 17 ELECTROMAGNETIC WAVES (QUALITATIVE TREATMENT)**

Electromagnetic oscillations, brief history of electromagnetic waves (Maxwell, Hertz, Bose, Marconi). Electromagnetic spectrum (radio, micro-waves, infra-red, optical, ultraviolet, X-rays, gamma rays) including elementary facts about their uses, propagation of electromagnetic waves in atmosphere.

**UNIT: 18 RAY OPTICS AND OPTICAL INSTRUMENTS**

Ray optics as a limiting case of wave optics. Phenomena of reflection, refraction, and total internal reflection. Optical fibre. Curved mirrors, lenses; mirror and lens formulae. Dispersion by a prism. Spectrometer. Absorption and emission spectra. Scattering and formation of rainbow. Telescope (astronomical), microscope, their magnifications and resolving powers.

**UNIT: 19 ELECTRONS AND PHOTONS**

Discovery of electron,  $e/m$  for an electron, electrical conduction in gases, photoelectric effect, particle nature of light, Einstein's photoelectric equation, photocells. Matter waves – wave nature of particles, de-Broglie relation, Davison and Germer experiment.

**UNIT: 20 ATOMS, MOLECULES AND NUCLEI**

Rutherford model of the atom, Bohr model, energy quantization. Hydrogen spectrum. Composition of nucleus, atomic masses, binding energy per nucleon of a nucleus, its variation with mass number, isotopes, size of nucleus. Radioactivity: properties of  $\alpha$ ,  $\beta$  and  $\gamma$  rays. Mass energy relation, nuclear fission and fusion.

**UNIT: 21 SOLIDS AND SEMICONDUCTOR DEVICES**

Crystal structure-Unit cell; single, poly and liquid crystals (concepts only). Energy bands in solids, difference between conductors, insulators and semi-conductors using band theory. Intrinsic and extrinsic semiconductors, p-n junction, semiconductor diodes, junction transistor, diode as rectifier, solar cell, photo diode, LED, Zener diode as a voltage regulator, transistor as an amplifier and oscillator. Combination of gates. Elementary ideas about IC.

**CHEMISTRY**

**UNIT: 1 SOME BASIC CONCEPTS IN CHEMISTRY**

Importance of Chemistry, physical quantities and their measurement in Chemistry, SI Units, uncertainty in measurements and use of significant figures, Unit and dimensional analysis, Matter and its nature, laws of chemical combinations, atomic, and molecular, masses mole concept, molar masses, percentage composition and molecular formula, chemical stoichiometry.

**UNIT: 2 STATES OF MATTER**

Three states of matter, gaseous state, gas laws (Boyle's Law and Charles Law), Avogadro's Law, Graham's Law of diffusion, Dalton's law of partial pressure, ideal gas equation, Kinetic theory of gases, real gases and deviation from ideal behaviour, van der Waals' equation, liquefaction of gases and critical points, Intermolecular forces; liquids and solids.

**UNIT: 3 ATOMIC STRUCTURE**

Earlier atomic models (Thomson's and Rutherford) , emission spectrum of hydrogen atom, Bohr's model, of hydrogen atom, Limitations of Bohr's model, dual nature of matter and radiation, Heisenberg uncertainty principle, quantum mechanical model of atom (quantum designation of atomic orbitals and electron energy in terms of principal, angular momentum and magnetic quantum numbers), electronic spin and spin quantum numbers, Pauli's

exclusion principle, general idea of screening (constants) of outer electrons by inner electrons in an atom, *Aufbau* principle, Hund's rule, atomic orbitals and their pictorial representation, electronic configurations of elements.

**UNIT: 4 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES**

Need and genesis of classification of elements (from Doebereiner to Mendeleev), Modern periodic law and present form of periodic table, Nomenclature of elements with atomic number  $> 100$ , electronic configurations of elements and periodic table, electronic configuration and types of elements and s, p, d and f blocks, periodic trends in properties of elements (atomic size, ionization enthalpy, electron gain enthalpy, valence/oxidation states and chemical reactivity).

**UNIT: 5 CHEMICAL ENERGETICS**

Some basic concepts in thermodynamics, first law of thermodynamics, heat capacity, measurement of  $\Delta U$  and  $\Delta H$ , calorimetry, standard enthalpy changes, thermochemical equations, enthalpy changes during phase transformations, Hess's Law, standard enthalpies of formation, bond enthalpies and calculations based on them.

**UNIT: 6 CHEMICAL BONDING**

Kossel-Lewis approach to chemical bond formation, ionic bonds, covalent bonds, polarity of bonds and concept of electronegativity, valence shell electron pair repulsion (VSEPR) theory, shapes of simple molecules, valence bond theory, hybridization involving s, p and d orbitals and shapes of molecules s and p bonds; Molecular orbital theory involving homonuclear diatomic molecules; Hydrogen-bonding.

**UNIT: 7 EQUILIBRIUM**

Equilibrium in physical and chemical processes

Equilibrium in physical and chemical processes, dynamic equilibrium, law of chemical equilibrium and equilibrium constant, homogeneous equilibrium, heterogeneous equilibrium, application of equilibrium constants, Relationship between reaction quotient Q, equilibrium constant, K and Gibbs' energy G; factors affecting equilibrium-Le Chatelier's principle.

Ionic equilibrium

Acids, Bases and Salts and their ionization, weak and strong electrolytes degree of ionization and ionization constants, concept of pH, ionic product of water, buffer solution, common ion effect, solubility of sparingly soluble salts and solubility products.

**UNIT: 8 REDOX REACTIONS**

Electronic concepts of reduction - oxidation, redox reactions, oxidation number, balancing of redox reactions.

**UNIT: 9 SOLID STATE CHEMISTRY**

Classification of solids based on different binding forces: molecular, ionic, covalent and metallic solids, amorphous and crystalline solids; unit cells in two dimensional and three

dimensional lattices, calculation of density of a unit cell, packing in solids, voids, number of atoms per unit cell in a cubic unit cell, point defects, electrical and magnetic properties.

**UNIT: 10 CHEMICAL THERMODYNAMICS**

Spontaneous processes, energy and spontaneity, entropy and second law of thermodynamics, concept of absolute entropy, Gibbs energy and spontaneity, Gibbs energy change and equilibrium constant.

**UNIT: 11 SOLUTIONS**

Types of solutions, different units for expressing concentration of solution, mole fraction, percentage (by volume and mass both), definitions of dilute solutions, vapour pressure of solutions and Raoult's Law, Colligative properties, lowering of vapour pressure, depression of freezing point, elevation of boiling points and osmotic pressure, determination of molecular masses using colligative properties, abnormal values of molecular masses, van't Hoff factor. Simple numerical problems.

**UNIT: 12 CHEMICAL KINETICS**

Rate of chemical reactions, factors, affecting rates of reactions –concentration, temperature and catalyst, order and molecularity of reactions, rate law and rate constant, differential and integral forms of first order reaction, half-life (only zero and first order) characteristics of first order reaction, effect of temperature on reactions, Arrhenius theory - activation energy, collision theory of reaction rate (no derivation).

**UNIT: 13 ELECTROCHEMISTRY**

Conductance in electrolytic solutions, specific and molar conductivity, variation of conductivity with concentration, Kohlrausch's law, electrolysis and laws of electrolysis (elementary idea), electrolytic and galvanic cells, emf. of a cell, standard electrode potential, Nernst equation, concentration cell, fuel cells, cell potential and Gibbs energy, dry cell and lead accumulator.

**UNIT: 14 SURFACE CHEMISTRY**

Adsorption - physisorption and chemisorption, factors affecting adsorption of gases on solids, catalysis, homogeneous and heterogeneous activity and selectivity, enzyme catalysis, colloidal state, distinction between true solutions, colloids and suspensions; lyophilic, lyophobic, multimolecular and macromolecular colloids, properties of colloids, Tyndal effect, Brownian movement, electrophoresis, coagulation, emulsions - type of emulsions.

**UNIT: 15 HYDROGEN**

Position of hydrogen in periodic table, isotopes of hydrogen, heavy water, hydrogen peroxide-preparation, reactions and structures; hydrides and their classification.

**UNIT: 16 s-BLOCK ELEMENTS (ALKALI AND ALKALINE EARTH METALS):**

**Group 1 and Group 2 elements**

Electronic configurations and general trends in physical and chemical properties, anomalous properties of the first element of each group, diagonal relationship.

Preparation and properties of some important compounds, sodium carbonate, sodium hydroxide, sodium hydrogen carbonate and industrial uses of lime and limestone, biological significance of Na, K, Mg and Ca.

**UNIT: 17 GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMENTS**

Principles and methods of extraction - concentration, reduction, (chemical and electrolytic methods), and refining.

Occurrence and principles of extraction of Al, Cu, Zn and Fe.

**UNIT: 18 p-BLOCK ELEMENTS**

Introduction to p-block elements

Electronic configurations and general trends in properties, viz. atomic sizes, ionization enthalpies, electronegativity values, electron gain enthalpies and oxidation states across the periods and down the groups in the p-block.

Unique behaviour of the top element in each group of the block - the covalency limit and the  $p_p - p_p$  overlap in some molecules (e.g.  $N_2$ ,  $O_2$ ) and its consequences; general trend in catenation tendency down each group.

Group-wise study of the p-block Elements

Group 13 - In addition to the general characteristics as outlined above, properties and uses of aluminium, nature of hydrides/ halides and oxides; Properties, structures and uses of diborane boron halides, aluminium chloride, borax, boric acid and alums.

Group 14 - In addition to the general characteristics; carbon – catenation, allotropic forms (diamond and graphite), properties and structures of oxides; silicon - silicon tetrachloride, and structures and uses of silicates, silicones and zeolites.

Group 15 - In addition to the general characteristics, the general trends in the nature and structures of hydrides, halides and oxides of these elements. Preparation and properties of ammonia, nitric acid, phosphine and halides of phosphorus, structures of the oxoacids of phosphorus.

Group 16 - In addition to the general characteristics, preparations, properties and uses of dioxygen, simple oxides, ozone; sulphur - allotropic forms, compounds of sulphur, preparation, properties and uses of sulphur dioxide and sulphuric acid, industrial preparations of sulphuric acid, structures of oxoacids of sulphur.

Group 17 - In addition to the general characteristics, occurrence, trends in physical and chemical properties, oxides and oxoacids of halogens (structures only), preparation, properties and uses of chlorine and hydrochloric acid, trends in the acidic nature of hydrogen halides. Interhalogen compounds (structures only).

Group 18 - General introduction, electronic configurations, occurrence, trends in physical and chemical properties and uses, - fluorides and oxides of xenon (structures only).

#### **UNIT: 19 THE d-AND f-BLOCK ELEMENTS**

General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals –physical properties, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic property, interstitial compounds, alloy formation; preparations and properties of  $K_2Cr_2O_7$  and  $KMnO_4$ .

Lanthanoids - Electronic configuration and oxidation states, chemical reactivity and lanthanoid contraction.

Actinoids - Electronic configuration and oxidation states.

#### **UNIT: 20 COORDINATION COMPOUNDS**

Introduction to ligands, coordination number, colour, magnetic properties, and shapes; IUPAC - nomenclature of mononuclear coordination compounds, isomerism, bonding-valence bond approach to the bonding and basic ideas of Crystal Field Theory, colour and magnetic properties. Elementary ideas of metal - carbon bonds and organometallic compounds, importance of co-ordination compounds (in qualitative analysis, extraction of metals and biological systems).

#### **UNIT: 21 SOME BASIC PRINCIPLES OF ORGANIC CHEMISTRY**

- Tetravalence of carbon, hybridization ( s and p ), shapes of simple molecules, functional groups:  $-C=C-$ ,  $-CC-$  and those containing halogens, oxygen, nitrogen and sulphur; homologous series, isomerism.
- General introduction to naming organic compounds-trivial names and IUPAC nomenclature.
- Electronic displacement in a covalent bond; inductive effect, electromeric effect, resonance and hyperconjugation. Fission of covalent bond: free radicals, electrophiles and nucleophiles, carbocations and carbonanions.
- Common types of organic reactions: substitution, addition, elimination and rearrangement reactions.

#### **UNIT: 22 HYDROCARBONS**

Alkanes and cycloalkanes: classification of hydrocarbons, alkanes and cycloalkanes, nomenclature and conformations of alkanes and cycloalkanes.

**Alkenes and alkynes: Nomenclature and isomerism, general methods of preparation, properties (physical and chemical), mechanism of electrophilic addition, Markownikoff's rule, peroxide effect, acidic character of alkynes, polymerisation reactions.**

**Aromatic hydrocarbons: Benzene and its homologues, nomenclature, sources of aromatic hydrocarbons (coal and petroleum), structure of benzene, chemical reaction of benzene-**

**mechanism of electrophilic substitution. Directive influence of substituents and their effect on reactivity.**

Petroleum and petrochemicals: Composition of crude oil fractionation and uses, quality of gasoline, LPG, CNG, cracking and reforming, petrochemicals.

#### **UNIT: 23 PURIFICATION AND CHARACTERIZATION OF CARBON COMPOUNDS**

- Purification of carbon compounds: filtration, crystallisation, sublimation, distillation chromatography,
- Qualitative analysis: detection of nitrogen, sulphur, phosphorus and halogens.
- Quantitative analysis: estimation of different elements (H, N, halogens, S and P)
- Determination of molecular masses: Silver salt method, chloroplatinate salt method, calculations of empirical and molecular formulas.

#### **UNIT: 24 ORGANIC COMPOUNDS WITH FUNCTIONAL GROUPS CONTAINING HALOGENS (X)**

- Nature of C-X bond in haloalkanes and haloarenes, nomenclature, physical and chemical properties, mechanism of substitution reactions, reactivity of C-X bond in haloalkanes and haloarenes.
- Some commercially important compounds: dichloro, trichloro and tetrachloromethanes; p-dichlorobenzene, freons, BHC, DDT, their uses and important reactions.

#### **UNIT: 25 ORGANIC COMPOUNDS WITH FUNCTIONAL GROUPS CONTAINING OXYGEN**

Alcohols and phenols: Nomenclature, methods of preparation, physical and chemical properties; chemical reactivity of phenols in electrophilic substitutions, acidic nature of phenol, ethers: electronic structure, structure of functional group, nomenclature, important methods of preparation, physical and chemical properties, some commercially important compounds.

Aldehydes and ketones: Electronic structure of carbonyl group, nomenclature, important methods of preparation, physical properties and chemical reactions, relative reactivity of aldehydic and ketonic groups, acidity of  $\alpha$ -hydrogen, aldol condensation. Cannizzaro reaction, nucleophilic addition reaction to  $>C=O$  groups.

Carboxylic acids: Electronic structure of  $-COOH$ , Nomenclature, important methods of preparation, physical properties and effect of substituents on  $\alpha$ -carbon on acid strength, chemical reactions.

Derivatives of carboxylic acids: Electronic structure of acid chloride, acid anhydride, ester and amide groups, nomenclature, important methods of preparation, comparative reactivity of acid derivatives. Some commercially important compounds.

#### **UNIT: 26 ORGANIC COMPOUNDS WITH FUNCTIONAL GROUP CONTAINING NITROGEN**

- Structure, nomenclature of nitro, amino, cyano and diazo compounds.
- Nitro compounds – important methods of preparation, physical properties and chemical reactions.

- Amines: primary, secondary and tertiary amines, a general awareness, important methods of preparation, physical properties, basic character of amines, chemical reactions.
- Cyanides and isocyanides: preparation, physical properties and chemical reactions.
- Diazonium salts: Preparation, chemical reaction and uses of benzene diazonium chloride. Some commercially important nitrogen containing carbon compounds, (aniline, TNT)

#### **UNIT: 27 POLYMERS**

Classification of polymers, general methods of polymerization-addition and condensation: addition-free radical, cationic, anionic polymerization, copolymerisation, natural rubber, vulcanization of rubber, synthetic rubbers, condensation polymers, idea of macromolecules, biodegradable polymers.

Some commercially important polymers (PVC, teflon, polystyrene, nylon-6 and 66, terylene and bakelite).

#### **UNIT: 28 ENVIRONMENTAL CHEMISTRY**

Environmental pollution – air, water and soil pollutions, chemical reactions in atmosphere, smogs, major atmospheric pollutants, acid-rain, ozone and its reactions, effects of depletion of ozone layer, green house effect and global warming – pollution due to industrial wastes, green chemistry as an alternative tool for reducing pollution, strategy for controlling environmental pollution.

#### **UNIT: 29 BIOMOLECULES**

Carbohydrates: Classification, aldose and ketose, monosaccharides (glucose and fructose), oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); important simple chemical reactions of glucose, elementary idea of structure of pentose and hexose.

Proteins: Elementary idea of  $\alpha$ -amino acids, peptide bond, polypeptides, proteins; primary, secondary and tertiary structure of proteins and quaternary structure (qualitative idea only), denaturation of proteins, enzymes.

Vitamins: Classification and functions

Nucleic acids: Chemical composition of DNA and RNA

Lipids: Classification and structure

Hormones: Classification and functions in biosystem.

#### **UNIT: 30 CHEMISTRY IN EVERYDAY LIFE**

- Chemicals in medicines – analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antacids, antihistamins.
- Chemicals in food – preservatives, artificial sweetening agents.
- Cleansing agents – soaps and detergents, cleansing action.
- Rocket propellants: characteristics and chemicals used.

**BIOLOGY (BOTANY AND ZOOLOGY)**

**UNIT: 1 DIVERSITY IN LIVING WORLD**

Biology – its meaning and relevance to mankind

What is living; Taxonomic categories and aids (Botanical gardens, herbaria, museums, zoological parks); Systematics and Binomial system of nomenclature.

Introductory classification of living organisms (Two-kingdom system, Five-kingdom system); Major groups of each kingdom along with their salient features (Monera, including Archaeobacteria and Cyanobacteria, Protista, Fungi, Plantae, Animalia); Viruses; Lichens

Plant kingdom – Salient features of major groups (Algae to Angiosperms);

Animal kingdom – Salient features of Non-chordates up to phylum, and Chordates up to class level.

**UNIT: 2 CELL: THE UNIT OF LIFE ; STRUCTURE AND FUNCTION**

Cell wall; Cell membrane; Endomembrane system (ER, Golgi apparatus/Dictyosome, Lysosomes, Vacuoles); Mitochondria; Plastids; Ribosomes; Cytoskeleton; Cilia and Flagella; Centrosome and Centriole; Nucleus; Microbodies.

Structural differences between prokaryotic and eukaryotic, and between plant and animal cells. Cell cycle (various phases); Mitosis; Meiosis.

Biomolecules – Structure and function of Carbohydrates, Proteins, Lipids, and Nucleic acids.

Enzymes – Chemical nature, types, properties and mechanism of action.

**UNIT: 3 GENETICS AND EVOLUTION**

Mendelian inheritance; Chromosome theory of inheritance; Gene interaction; Incomplete dominance; Co-dominance; Complementary genes; Multiple alleles;

Linkage and Crossing over; Inheritance patterns of hemophilia and blood groups in humans.

DNA – its organization and replication; Transcription and Translation; Gene expression and regulation; DNA fingerprinting.

Theories and evidences of evolution, including modern Darwinism.

**UNIT: 4 STRUCTURE AND FUNCTION – PLANTS**

Morphology of a flowering plant; Tissues and tissue systems in plants;

Anatomy and function of root, stem (including modifications), leaf, inflorescence, flower (including position and arrangement of different whorls, placentation), fruit and seed; Types of fruit; Secondary growth;

Absorption and movement of water (including diffusion, osmosis and water relations of cell) and of nutrients; Translocation of food; Transpiration and gaseous exchange; Mechanism of stomatal movement.

Mineral nutrition – Macro- and micro-nutrients in plants including deficiency disorders; Biological nitrogen fixation mechanism.

Photosynthesis – Light reaction, cyclic and non-cyclic photophosphorylation; Various pathways of carbon dioxide fixation; Photorespiration; Limiting factors .

Respiration – Anaerobic, Fermentation, Aerobic; Glycolysis, TCA cycle; Electron transport system; Energy relations.

#### **UNIT: 5   STRUCTURE AND FUNCTION - ANIMALS**

Tissues;

Elementary knowledge of morphology, anatomy and functions of different systems of earthworm, cockroach and frog.

Human Physiology – Digestive system - organs, digestion and absorption; Respiratory system – organs, breathing and exchange and transport of gases. Body fluids and circulation – Blood, lymph, double circulation, regulation of cardiac activity; Hypertension, Coronary artery diseases.

Excretion system – Urine formation, regulation of kidney function

Locomotion and movement – Skeletal system, joints, muscles, types of movement.

Control and co-ordination – Central and peripheral nervous systems, structure and function of neuron, reflex action and sensory reception; Role of various types of endocrine glands; Mechanism of hormone action.

#### **UNIT: 6   REPRODUCTION, GROWTH AND MOVEMENT IN PLANTS**

Asexual methods of reproduction; Sexual Reproduction - Development of male and female gametophytes; Pollination (Types and agents); Fertilization; Development of embryo, endosperm, seed and fruit (including parthenocarpy and apomixis).

Growth and Movement – Growth phases; Types of growth regulators and their role in seed dormancy, germination and movement; Apical dominance; Senescence; Abscission; Photo-periodism; Vernalisation; Various types of movements.

#### **UNIT: 7   REPRODUCTION AND DEVELOPMENT IN HUMANS**

Male and female reproductive systems; Menstrual cycle; Gamete production; Fertilisation; Implantation; Embryo development; Pregnancy and parturition; Birth control and contraception.

#### **UNIT: 8   ECOLOGY AND ENVIRONMENT**

Meaning of ecology, environment, habitat and niche.

Ecological levels of organization (organism to biosphere); Characteristics of Species, Population, Biotic Community and Ecosystem; Succession and Climax.

Ecosystem – Biotic and abiotic components; Ecological pyramids; Food chain and Food web; Energy flow; Major types of ecosystems including agroecosystem.

Ecological adaptations – Structural and physiological features in plants and animals of aquatic and desert habitats.

Biodiversity – Meaning, types and conservation strategies (Biosphere reserves, National parks and Sanctuaries)

Environmental Issues – Air and Water Pollution (sources and major pollutants); Global warming and Climate change; Ozonedepletion; Noise pollution; Radioactive pollution; Methods of pollution control (including an idea of bioremediation); Deforestation; Extinction of species (Hot Spots).

#### **UNIT: 9 BIOLOGY AND HUMAN WELFARE**

Animal husbandry – Livestock, Poultry, Fisheries; Major animal diseases and their control. Pathogens of major communicable diseases of humans caused by fungi, bacteria, viruses, protozoans and helminths, and their control.

Cancer; AIDS.

Adolescence and drug/alcohol abuse;

Basic concepts of immunology.

Plant Breeding and Tissue Culture in crop improvement.

Biofertilisers (green manure, symbiotic and free-living nitrogen-fixing microbes, mycorrhizae);

Biopesticides (micro-organisms as biocontrol agents for pests and pathogens); Bioherbicides;

Microorganisms as pathogens of plant diseases with special reference to rust and smut of wheat, bacterial leaf blight of rice, late blight of potato, bean mosaic, and root - knot of vegetables.

Bioenergy – Hydrocarbon - rich plants as substitute of fossil fuels.

#### **UNIT: 10 BIOTECHNOLOGY AND ITS APPLICATIONS**

Microbes as ideal system for biotechnology;

Microbial technology in food processing, industrial production (alcohol, acids, enzymes, antibiotics), sewage treatment and energy generation.

Steps in recombinant DNA technology – restriction enzymes, DNA insertion by vectors and other methods, regeneration of recombinants.

Applications of R-DNA technology. In human health –Production of Insulin, Vaccines and Growth hormones, Organ transplant, Gene therapy. In Industry – Production of expensive enzymes, strain improvement to scale up bioprocesses. In Agriculture – GM crops by transfer of genes for nitrogen fixation, herbicide-resistance and pest-resistance including BT crops.

**LIST OF CITIES FOR CENTRES OF PRELIMINARY EXAMINATION OF  
ALL INDIA PRE-MEDICAL/PRE-DENTAL ENTRANCE EXAMINATION 2010**

<b>Name of City</b>	<b>Centre Code No.</b>	<b>Name of City Centre</b>	<b>Code No.</b>
ITANAGAR	01	MUMBAI	15
AGARTALA	02	NAGPUR	16
PORT BLAIR	03	AHMEDABAD	17
SHILLONG	04	SHIMLA	18
IMPHAL	05	LUCKNOW	19
PANAJI	06	NOIDA	20
PUDUCHERRY	07	DEHRADUN	21
GUWAHATI	08	CHANDIGARH	22
TRIVANDRUM	09	DELHI	23
COCHIN	10	KOLKATA	24
BHUBANESHWAR	11	BANGALURU	25
CHENNAI	12	BHOPAL	26
PATNA	13	RAIPUR	27
RANCHI	14	JAIPUR	28

**LIST OF CITIES FOR CENTRES OF FINAL EXAMINATION OF  
ALL INDIA PRE-MEDICAL/PRE-DENTAL ENTRANCE EXAMINATION, 2010**

<b>Name of City</b>	<b>Centre Code No.</b>
COCHIN	51
BHUBANESHWAR	52
CHENNAI	53
RANCHI	54
MUMBAI	55
LUCKNOW	56
DELHI	57
KOLKATA	58
BHOPAL	59
JAIPUR	60

**FORMAT OF AFFIDAVIT FOR ANDHRA PRADESH/J & K CANDIDATES**

(On Non Judicial Stamp Paper of Rs. 10/- and to be sent alongwith Application Form.)

**AFFIDAVIT**

I, ..... Son/Daughter of .....

R/o .....do hereby solemnly affirm and state as follows:

1. That I am not eligible to **compete** for the MBBS/BDS seats in states of Andhra Pradesh/J&K and hence not eligible to seek admission in Medical/Dental Colleges of Andhra Pradesh/J&K. and
2. That I am not domiciled in Andhra Pradesh/J&K.

**DEPONENT**

**VERIFICATION:**

I, the above named deponent do hereby verify that the facts stated in paragraphs 1 and 2 of the affidavit are true to my personal knowledge.

Verified at ..... on this ..... day of .....

**DEPONENT**

**LIST OF STATE CODES**

<b>NAME OF THE STATE/UT</b>	<b>CODE No.</b>	<b>NAME OF THE STATE/UT</b>	<b>CODE No.</b>
Andaman & Nicobar Islands	03	Meghalaya	<b>04</b>
Arunachal Pradesh	01	Mizoram	<b>28</b>
Assam	08	Nagaland	<b>29</b>
Bihar	12	Orissa	<b>10</b>
Chandigarh	22	Puducherry (UT)	<b>07</b>
Dadra & Nagar Haveli (UT)	24	Punjab	<b>30</b>
Daman & Diu (UT)	25	Rajasthan	<b>21</b>
Delhi	23	Sikkim	<b>31</b>
Goa	06	Tamil Nadu	<b>11</b>
Gujarat	17	Tripura	<b>02</b>
Haryana	26	Uttar Pradesh	<b>19</b>
Himachal Pradesh	18	West Bengal	<b>13</b>
Karnataka	14	J&K	<b>33</b>
Kerala	09	Andhra Pradesh	<b>34</b>
Lakshadweep (UT)	27	Uttarakhand	<b>35</b>
Madhya Pradesh	20	Chhattisgarh	<b>32</b>
Maharashtra	15	Jharkhand	36
Manipur	05		

**CODES OF THE SCHOOL EDUCATION BOARDS OF CLASS XII**

<b>BOARDS</b>	<b>CODES</b>
Andhra Pradesh Board of Intermediate Education	01
Assam Higher Secondary Education Council	02
Bihar Intermediate Education Council	03
Central Board of Secondary Education	04
Chhattisgarh Madhyamik Shiksha Mandal	05
Council for the Indian School Certificate Examinations	06
Goa Board of Secondary and Higher Secondary Education	07
Gujarat Secondary Education Board	08
Haryana Board of Education	09
H P Board of School Education	10
J & K State Board of School Education	11
Jharkhand Academy Council	12
Karnataka Board of Pre-University Education	13
Kerala Board of Public Examinations	14
Madhya Pradesh Board of Secondary Education	15
Maharashtra State Board of Secondary and Higher Secondary Education	16
Manipur Council of Higher Secondary Education	17
Meghalaya Board of Secondary Education	18
Mizoram Board of School Education	19
Nagaland Board of School Education	20
Orissa Council of Higher Secondary Education	21
Punjab School Education Board	22
Rajasthan Board of Secondary Education	23
Tamil Nadu Board of Higher Secondary Education	24
Tripura Board of Secondary Education	25
U.P. Board of High School & Intermediate Education	26
Uttaranchal Shiksha Evam Pariksha Parishad	27
West Bengal Council of Higher Secondary Education	28
National Institute of Open Schooling	29
Others	30

**LIST OF MEDICAL/DENTAL COLLEGES WHERE SEATS  
MAY BE AVAILABLE FOR ALLOTMENT**

**MEDICAL COLLEGES**

<b>Institution Code No.</b>	<b>Name of State / Union Territory / Medical Colleges</b>	<b>Institution Code No.</b>	<b>Name of State / Union Territory / Medical Colleges</b>
<b>ASSAM</b>		HP 02 Dr. R P G Medical College, Tanda	
AS 01	Assam Medical College, Dibrugarh	<b>JHARKHAND</b>	
AS 02	Guwahati Medical College, Guwahati	JH 01	MGM Medical College, Jamshedpur
AS 03	Silchar Medical College, Silchar	JH 02	Rajendra Institute of Medical Sciences, Ranchi
<b>BIHAR</b>		JH 03	Patliputra Medical College, Dhanbad
BR 01	AN Magadh Medical College, Gaya	<b>KARNATAKA</b>	
BR 02	Darbhanga Medical College, Laheriasarai	KA 01	Bangalore Medical College, Bangalore
BR 03	Jawahar Lal Nehru Medical College, Bhagalpur	KA 02	Vijaynagar Institute of Medical Science, Bellary
BR 04	Nalanda Medical College, Patna	KA 03	Karnataka Institute of Medical Science, Hubli
BR 05	Patna Medical College, Patna	KA 04	Mysore Medical College, Mysore
BR 06	SK Medical College, Muzaffarpur	KA 05	Hassan Institute of Medical Sciences, Hassan
<b>CHANDIGARH</b>		KA 06	Belgaun Institute of Medical Sciences, Belgaun
CH 01	Govt. Medical College, Chandigarh	KA 07	Mandyn Institute of Medical Sciences, Mandyn
<b>CHHATTISGARH</b>		KA 08	Raichur Institute of Medical Sciences, Raichur
CG 01	Pt. JNM Medical College, Raipur	KA 09	Shimoga Institute of Medical Sciences, Shimoga
CG 02	GMCNDMG, Jagdalpur	KA 10	Bidar Institute of Medical Sciences, Bidar
<b>DELHI</b>		<b>KERALA</b>	
DL 01	Lady Hardinge Medical College, New Delhi (for Girls only)	KL 01	Calicut Medical College, Calicut
DL 02	Maulana Azad Medical College, New Delhi	KL 02	Government Medical College, Thiruvananthapuram
DL 03	University College of Medical Science,	KL 03	T.D. Medical College, Alleppey (Allappuzha)
DL 04	V M Medical College & Safdarjung Hospital,	KL 04	Government Medical College, Trichur
<b>GOA</b>		KL 05	Medical College, Kottayam
GA 01	Goa Medical College, Panaji	<b>MAHARASHTRA</b>	
<b>GUJARAT</b>		MH 01	B.J. Medical College, Pune
GJ 01	B.J. Medical College, Ahmedabad	MH 02	Dr. V.M. Medical College, Sholapur
GJ 02	Government Medical College, Surat	MH 03	Govt. Medical College, Aurangabad
GJ 03	NHL Municipal Medical College, Ahmedabad	MH 04	Govt. Medical College, Nagpur
GJ 04	Medical College, Baroda	MH 05	Grant Medical College, Mumbai
GJ 05	M.P. Shah Medical College, Jamnagar	MH 06	Indira Gandhi Medical College, Nagpur
GJ 06	Pandit DDU Medical College, Rajkot	MH 07	L.T.M. Medical College, Mumbai
GJ 07	Govt. Medical College, Bhavnagar	MH 08	Miraj Medical College, Miraj
<b>HARYANA</b>		MH 09	Seth G.S. Medical College, Mumbai
HR 01	Pt. Bhagwat Dayal Sharma Medical College, Rohtak	MH 10	SRTR Medical College, Ambajogai
<b>HIMACHAL PRADESH</b>		MH 11	T.N. Medical College, Mumbai
HP 01	Indira Gandhi Medical College, Shimla		

Institution Code No.	Name of State / Union Territory / Medical Colleges	Institution Code No.	Name of State / Union Territory / Medical Colleges
<p><b>MAHARASHTRA: Contd.</b></p> <p>MH 12 Govt. Medical College, Nanded            MH 13 Shri Vasant Rao Naik Medical College, Yavatmal            MH 14 Shri B.H. Govt. Medical College, Dhule            MH 15 R.G.M.C. &amp; Chap. S.M. Hospital, Thane            MH 16 R.S.C.S.M. GMC, Kolhapur            MH 17 Government Medical College, Akola            MH 18 Government Medical College, Latur</p> <p><b>MEGHALAYA</b></p> <p>ME 01 NEIGRIHMS, Shillong</p> <p><b>MANIPUR</b></p> <p>MN 01 Regional Institute of Medical Sciences, Imphal</p> <p><b>MADHYA PRADESH</b></p> <p>MP 01 Gandhi Medical College, Bhopal            MP 02 Netaji SCB Medical College, Jabalpur            MP 03 G.R. Medical College, Gwalior            MP 04 M.G.M. Medical College, Indore            MP 05 S.S. Medical College, Rewa</p> <p><b>ORISSA</b></p> <p>OR 01 MKCG Medical College, Berhampur, Ganjam            OR 02 SCB Medical College, Cuttack            OR 03 V.S.S. Medical College, Burla Distt, Sambalpur</p> <p><b>PUDUCHERRY</b></p> <p>PY 01 Jawaharlal Institute of Post Graduate Medical Education &amp; Research, Puducherry</p> <p><b>PUNJAB</b></p> <p>PB 01 Govt. Medical College, Patiala            PB 02 Guru Govind Singh Medical College, Faridkot            PB 03 Govt. Medical College, Amritsar</p> <p><b>RAJASTHAN</b></p> <p>RJ 01 Dr. S.N. Medical College, Jodhpur            RJ 02 JLN Medical College, Ajmer            RJ 03 SMS Medical College, Jaipur            RJ 04 S.P. Medical College, Bikaner            RJ 05 R.N.T. Medical College, Udaipur            RJ 06 Govt. Medical College, Kota</p>		<p><b>TAMILNADU</b></p> <p>TN 01 Chengalpattu Medical College, Chengalpattu            TN 02 Coimbatore Medical College, Coimbatore            TN 03 Kilpauk Medical College, Chennai            TN 04 Madras Medical College &amp; Research Institute, Chennai            TN 05 Madurai Medical College, Madurai            TN 06 Stanley Medical College, Chennai            TN 07 Thanjavur Medical College, Thanjavur            TN 08 Tirunelveli Medical College, Tirunelveli            TN 09 Govt. MKMM Medical College, Selam            TN10 K A P V G Medical College, Tiruchurapalli            TN11 T M C, Thoothukudi            TN12 K M C, Asaripallam            TN13 G V M C, Vellore            TN14 T G M C, Theni            TN15 T D M G, Dharampuri</p> <p><b>TRIPURA</b></p> <p>TR 01 A G M G, Agartala</p> <p><b>UTTARAKHAND</b></p> <p>UT 01 V G H C, Srinagar, Pauri, Garhwal</p> <p><b>UTTAR PRADESH</b></p> <p>UP 01 BRD Medical College, Gorakhpur            UP 02 GSV Memorial Medical College, Kanpur            UP 03 King George's M University, Lucknow            UP 04 LLR Memorial Medical College, Meerut            UP 05 Rani Lakshmi Bai Medical College, Jhansi            UP 06 MLN Medical College, Allahabad            UP 07 S.N. Medical College, Agra            UP 08 R I M S &amp; R, Safai, Etawah</p> <p><b>WEST BENGAL</b></p> <p>WB 01 Bankura Sammilani Medical College, Bankura            WB 02 Burdwan Medical College, Burdwan            WB 03 Kolkatta National Medical College, Kolkatta            WB 04 Medical College, Kolkatta            WB 05 NRS Medical College, Kolkatta            WB 06 North Bengal Medical College, P.O. Sushrutanagar Darjeeling            WB 07 R.G. KAR Medical College, Kolkatta            WB 08 I.P.G.M.E.R., Kolkatta            WB 09 M.G.M.C. &amp; H., Maidanpur</p>	

**DENTAL COLLEGES**

<b>Institution Code No.</b>	<b>Name of State / Union Territory / Medical Colleges</b>	<b>Institution Code No.</b>	<b>Name of State / Union Territory / Medical Colleges</b>
	<p><b>ASSAM</b> DAS 1 Regional Dental College, Guwahati</p> <p><b>BIHAR</b> BR 1 Dental College &amp; Hospital, Patna</p> <p><b>CHATTISGARH</b> DCG 1 Government D G, Raipur</p> <p><b>DELHI</b> DDL 1 Maulana Azad Institute of Dental Sciences, New Delhi</p> <p><b>GOA, DAMAN &amp; DIU</b> DGA 1 Dental College &amp; Hospital, Goa</p> <p><b>GUJARAT</b> DGJ 1 Government Dental College, Ahmedabad DGJ 2 Government Dental College &amp; Hospital, Jamnagar</p> <p><b>HARYANA</b> DHR 1 Govt. Dental College, Rohtak</p> <p><b>HIMACHAL PRADESH</b> DHP 1 Government Dental College &amp; Hospital, Shimla</p> <p><b>KARNATAKA</b> DKA 1 Government Dental College, Bangalore DKA 2 Government Dental College, Bellary</p> <p><b>KERALA</b> DKL 1 Dental College, Calicut DKE 2 Dental College, Trivandrum DKE 3 Governmental Dental College, Kottayam</p> <p><b>MADHYA PRADESH</b> DMP 1 College of Dentistry, Indore</p> <p><b>MAHARASHTRA</b> DMH 1 Govt. Dental College, Aurangabad DMH 2 Govt. Dental College, Mumbai DMH 3 Government Dental College, Nagpur DMH 4 Nair Dental College, Mumbai</p>		<p><b>ORISSA</b> DOR 1 SCB Medical College; (Dental), Cuttack</p> <p><b>PUDUCHERRY</b> DPY 1 Mahatama Gandhi Post Graduate Institute of Dental Sciences, Puducherry</p> <p><b>PUNJAB</b> DPB 1 Dental College, Amritsar DPB 2 Govt. Dental College &amp; Hospital, Patiala</p> <p><b>RAJASTHAN</b> DRJ 1 Govt. Dental College &amp; Hospital, Jaipur</p> <p><b>TAMIL NADU</b> DTN 1 Tamil Nadu Govt. Dental College &amp; Hospital, Chennai</p> <p><b>UTTAR PRADESH</b> DUP 1 King George's University of Dental Sciences, Lucknow</p> <p><b>WEST BENGAL</b> DWB 1 R. Ahmed Dental College &amp; Hospital, Kolkatta DWB 2 North Bengal Dental College, Sushrutnagar, Darjeeling</p>

**Note:** Medical/Dental Colleges may be added/deleted depending upon the status of approval from the MCI/Ministry of Health & Family Welfare (Government of India)

Sample of the answer sheet

**ADDRESS OF CANARA BANK BRANCHES WHERE FROM APPLICATION FORMS CAN BE  
PROCURED AGAINST CASH PAYMENT****(NOT BY POST)****Designated branches of Canara Bank****ASSAM**

1. Guwahati 14-A, Hem Barua Road, Fancy Bazar, Guwahati-781 001.
2. Jorhat 117/118, Garali, Jorhat-785 001.
3. Tinsukia A.T. Road, Tinsukia-785 125.

**BIHAR**

4. Patna South Ghandi Madian, Patna-800 001
5. Patna Budh Marg, Patna.
6. Munger No. 131 Bari Bazar, Munger-811 201.
7. Darbhanga Lal Bagh, Darbhanga-846 004.
8. Begusarai KN Market, Begusarai-851 101.
9. Muzaffarpur Motizheel, Muzaffarpur-842 001.
10. Gaya 85, G.B. Road, Gaya-823001
11. Bhagalpur M. G. Road, Bhagalpur-812 001.
12. Chapra Gandhi Chowk, Talpa, Chapra - 841 301
13. Hajipur Pankaj Market, Gudri Road, Hazipur - 844 101
14. Madhubani Nariyal Bazar, Madhubani - 847 211
15. Samastipur Ganesh Chowk, Samastipur - 848 101
16. Purnea P. B. No. 36, Bhatta Bazar, Purnea - 854 301

**CHHATIS GARH**

17. Bilaspur Main Road, Juna Bilaspur (Near Luxmi Talkies), Bilaspur-495 009.
18. Raipur 1st Floor, Chandan Complex, Near City Kotwali, Malviya Road, Raipur-492 001.
19. Durg P.B. No. 11, Station Road, Durg-491001

**JHARKHAND**

20. Bokaro Western Avenue, Naya More, Bokaro Steel City-827 001.
21. Hazari Bagh GG Singh Road, PB No. 47, Hazari Bagh-825 301.
22. Dhanbad Katras Road, Dhanbad-826 001.
23. Ranchi S.N. Ganguly Road, Main Branch, Ranchi-834 001.
24. Jamshedpur Gujraj Mension, Bistupur, Jamshedpur- 831 001.

**GUJARAT**

25. Baroda 1st Floor, Shree Mahorowa, Lohana-Boarding Building, Prof. Manick Rao Road, Raopura, Baroda-390 001.
26. Surat Annapurna Kotasfil Road, Surat-395 003.
27. Ahmedabad 'Krishna House' Opp. Advance Cinema, Bhadra, Ahmedabad-380 001.
28. Rajkot Near Trikon Bagh, Rajkot-360 001.
29. Jamnagar New Super Market, Jamnagar-361 001.

**HARYANA**

30. Ambala 4307/4/21/1704 Opp. Municipal Committee, Ambala Cantt.-133 001.
31. Karnal Kunjpura Road, Karnal-132 001.
32. Rohtak 193, Civil Lines, Delhi Road, Rohtak-124 001.
33. Gurgaon 289/7, Old Railway Road, Gurgaon-122 001.
34. Hissar Kamla Nagar, Facing Red Square Market, Hissar-125 001,
35. Sonapat Railway Station. Road, Sonapat-131 001.
36. Kaithal Bus Stand Road, Kaithal-132 027.
37. Bhiwani Ghanta Ghar Chowk, Circular Road, Bhiwani-125 021.
38. Faridabad 7 A, Nehru Ground, NIT, Faridabad-121 001.

**HIMACHAL PRADESH**

39. Dharamshala Kotwali Bazar, Dharamshala-176 215,
40. Solan Bansal Estate, The Mall, Solan-173 212.
41. Shimla Jain Ashram, The Mall, Shimla-171 001.

**KARNATAKA**

42. Bangalore 88, Mahatama Gandhi Road, Cantonment, Bangalore-560 001.
43. Bangalore World Trade Centre, FCCI Bldg. K.G. Road, Bangalore-560 009.
44. Bangalore 38 & 39, Vth Cross Road, Malleshwaram, Bangalore-560 003.
45. Bangalore No. 67, 7th Main, 11 Block, Ashoka Pillar, Main Road, Jaya Nagar, Bangalore-560 011.
46. Mysore 40, New Statue Square, Mysore-570 001.
47. Dharwar Opp. Kittel College, P. B. Road, Dharwar-580 001.
48. Bidar Mohan Market, Near Bus Stand, Bidar-585 401.
49. Bijapur 1703-1710, Azar Road, Abyankara Bldg., Bijapur-586 101.
50. Belgaum 3132/3133, Bichu Building, Khade Bazar, Belgaum -590 002.
51. Gulbarga Janata Bazar Building, Super Market Complex, Gulbarga - 585 101.
52. Hubli 1st Floor, Mahavir Complex, Traffic Island, Hubli - 580 029.
53. Bellary No.1 Infantry Road, Cantonment, Bellary - 583 104.
54. Manglore Gokul Market, Hampankatta, Manglore - 575 001.

**KERALA**

55. Kottayam P.B. No. 122, K.K. Road, Kottayam - 686 001
56. Quilandy Fasila Building, Main Road, Quilandy - 673 305
57. Trivandrum 1st Floor, Ibraim Co. Bldg., Chalai, Trivandrum-695 023.
58. Trivandrum Plot No. 2, PTP Nagar, Trivandrum-695 038.
59. Trivandrum TC No. 25/1647, Devaswom Board Bldg., M.G. Road, Trivandrum-695 001.
60. Ernakulam Shenoy's Chamber, Shanmugam Road, Ernakulam, Cochin-682 031.
61. Calicut 9/367-A, Cherooty Road, Calicut-673 001.
62. Trichur Trichur Main Ramaraj Bldgs., Round South, Trichur-680 001.
63. Quilon Maheswari Mansion, Tamarakulam, Quilon-691 001.
64. Palghat Market Road, Big Bazar, 20/68, 1st Floor, Palghat-678 014.

**MADHYAPRADESH**

65. Jabalpur 304, Marhatal Karam Chand Chowk, Jabalpur-482 002.

66. Indore Narayana Bhawan, 207, M. G. Road, Gorakhand, Indore-452 002.
67. Ujjain Saifee Mansion, Ghee Mandi, Daulatganj, Ujjain-456 001.
68. Gwalior Dal Bazar, Tiraha, Laskar, Gwalior-474 009.
69. Saugor Bhandary Bhawan, 1st floor, Katra Bazar, NR Gurumurti, Saugor-470 002.
70. Bhopal E-5/6, Arera Colony, Ravishankar Nagar, Bhopal-462 018.
71. Ratlam Devprastha Appartments, Ground Floor, Ratlam
72. Rewa Kausuta House, 34/11, Venkat Road, Rewa
73. Dewas A.B. Raod, Opp. Patwardhan Petrol Pump, Dewas - 455 001.

#### **MAHARASHTRA**

74. Mumbai Sakinaka, Mumbai
75. Mumbai Shriji Niwas, LT Road, Near Ajanta Talkies, Borivli (W) Mumbai-400 092.
76. Mumbai 65, Sonawala Building, B.S. Marg, Mumbai-400 023.
77. Mumbai 51, Ranade Road, Extn., Dadar West, Mumbai-400 023.
78. Mumbai 50-Hill Road, Bandra West, Mumbai-400 050.
79. Mumbai Shop No. 101 to 111, Hazari Baug, Lal Bahadur Shastri Marg, Vikroili, Mumbai-400 001.
80. Poona Kirkee Bazar, 61-New Bazar, Khadhi, Poona-411 003.
81. Akola M.G. Road, Akola (M.S.)-444 003.
82. Bhandara Plot 15/94, Nazul, PWD Road, Bhandara Town-441 904.
83. Nanded Tara Singh Market, Nanded-431 601.
84. Satara Keshavsona Complex, Ravivar Peth, Satara-415 002.
85. Pune Red Cross Marg, 11-M. G. Road, Poona Camp, Pune-411 001.
86. Ahmednagar Gandhi Nivas 2290, Adot Bazar, Ahmednagar-414 001.
87. Aurangabad 3-12-5, Saheb Chamber, Aurangabad-431 012.
88. Nagpur Dhanwantey Chambers, 1st Floor, Geeta Ground, Sitabuldi, Nagpur-440 012.
89. Nasik Plot No. 35, Near Circle Cinema, Old Agra Road, Nasik-422 002.
90. Kolhapur P.B. No. 7, 1394/1-C Ward, Laxmi Road, Kolhapur
91. Amrawati P. Patel Market, Opp. City Kotwali, Amrawati- 444 601

#### **MEGHALAYA**

92. Shilong 1st Floor, Mirullah Building, G.S. Road, Shillong-793 001.

#### **ORISSA**

93. Cuttack 390-Holding No. 13, Choudhary Bazar, Cuttack-753 001,
94. Bhubaneshwar3-Janpath, Bapujinagar, Bhubaneshwar-751 009.
95. Sambalpur Main Road, Modipara, Sambalpur-768 001

#### **PUNJAB**

96. Patiala 759-Dharampura Bazar, Patiala-147 001.
97. Bhatinda 7A, Civil Line, Fort Road, Bhatinda-151 001.
98. Ferozepur BIU, IR-12, Malwal Road, Ferozepur -152 002.
99. Jalandhar BMC Chowk, 51-Mahavir Marg, Jalandhar-144 008.
100. Amritsar 18-20, Dharam Singh Market, Golden Temple Road, Amritsar-143 001.
101. Ludhiana B-11, 1569, Court Road, Ludhiana-141008.

**RAJASTHAN**

102. Alwar Gurumath Samagam building, 1st Floor, Road No. 2, Alwar-301 001.
103. Jaipur Hotel Imperial Building, Arvind Marg, M.I. Road, Jaipur-302 001.
104. Ajmer Kutchery Road, M. Gandhi Marg, Ajmer-305 001.
105. Bikaner Phad Bazar, Near Railway Crossing, Bikaner-334 001.
106. Jodhpur Chopasani Road, Near Dalda Building, Jodhpur-342 001.
107. Udaipur 7-Seth Ji Ki Bari, Madhuban, Udaipur-313 001.
108. Bharatpur Ghar Naswariya, Naimandi, Bharatpur- 321 001.
109. Jhunjhunu Kejriwal Bhawan, Ist Floor Chawri Bazar, Jhunjhunu - 333 001
110. Kota 48 C, Kalyan Sadan, Baran Road, Kota - 324 001

**SIKKIM**

111. Gangtok Puran Chand Building, M.G. Marg, Gangtok -737101

**TAMILNADU**

112. Chennai Karim Mansion, 787, Mount Road, Chennai-600 002.
113. Chennai 260-262,Royapettah High Road, Mylapore, Chennai-600 004.
114. Chennai 132-Sir Md. Usman Road, Thyagarajanagar, Chennai-600 017.
115. Chennai 140-Big Street, Triplicane, Chennai-600 005.
116. Salem Fort Main Road, CSI Campus, Salem-636 001.
117. Trichy 26-Nandikoi Street, Teepakuaim, Trichy-620 002.
118. Ootakamund Commercial Street, Udgamandalam, Ootkamund, Nilgiris-643 001.
119. Coimbatore 152-Oppankara Street, Coimbatore-641 001.
120. Madurai 118-B, West Perumal Maistry Street, Madurai-625 001.
121. Nagercoil 38-College Road, Nagercoil-629 001.
122. Dindigul Loyla Building, Salai Road, Dindigul - 624 001.
123. Kumbakonam TSR Building, Bazar Street, Kumbakonam - 612 001

**TRIPURA**

124. Agartala B.K. Road, New Budh Jung, Chowmohani, Agartala-799001

**UTTAR PRADESH**

125. Lucknow DP-363, Nawal Kishore Road, Satya Business Park-I,Hazratganj, Lucknow-226 001.
126. Lucknow No. 39, Aditya Marg, Aminabad, Lucknow-226 018.
127. Lucknow 565/K/100 Amrudahi Bagh, Kanpur Road, Lucknow-226 018
128. Kanpur 119/85, Nutan Market, Darshanpurwa, Kanpur-208 012.
129. Kanpur 16/95, The Mall, Kanpur-208 001.
130. Jhansi 1087-A, Civil Lines, Jhansi-284 001.
131. Allahabad 16-M.G. Road, Allahabad-211 001.
132. Allahabad 4/58, Sheo Charan Lal Road, Allahabad- 211 003.
133. Varanasi D/47/196-197, Rampura, Opp Mazda Cinema, Godowila, Varanasi-221 001.
134. Varanasi CK-37/24, Bansphatak, Varanasi-221001.
135. Gorakhpur Bank Road, Gorakhpur-273 001.
136. Bareilly 85-A, Civil Lines, Near S. V. Inter College, Bareilly-243 005.
137. Agra Bahiron Bazar, Belanganj, Agra-282 004.

138. Ghaziabad 112-113, Navyug Market, Ghaziabad-201 001.
139. Mathura 1849/1, Tilak Dwar, Mathura-281 001.
140. Aligarh Apsara Complex, Gandhi Marg, Aligarh-202 001.
141. Meerut 180-A, Abu Lane, Meerut-250 001.
142. Saharanpur 4/330, ABC, Pul Jogian, Chakrota Road, Saharanpur-247 001.

**UTTARAKHAND**

143. Dehradun 1-Rajpur Road, Clock Tower, Dehradun-248 001.
144. Kotdwara LISA Building, Najibabad Road, Kotdwara, Garhwal-246 149.
145. Haridwar Railway Road, Haridwar-249 401.

**WEST BENGAL**

146. Kolkata 2-Brabourne Road, Kolkata-700 001.
147. Kolkata P-5, CIT Scheme, 114-A, Lake Gardens, Kolkata-700 045.
148. Kolkata 10/1-E Diamond Harbour Road, Kolkata-700 027.
149. Kolkata 2 SN Banerjee Road, Chowranghee, Kolkata-700 013.
150. Burdwan 4, B. C. Road, Burdwan-713 101.
151. Kharagpur Near Hanuman Mandir, Fatak Bazar Khrida, Kharagpur-721 330.
152. Durgapur Benachity, Durgapur-713213
153. Siliguri Sevoke Road, Siliguri - 734 401

**ANDAMAN**

154. Port Blair Krishna House, Aberdeen Bazar, Port Blair-721 104.

**CHANDIGARH**

155. Chandigarh SCO, 311-312, Sector 35-B, Chandigarh-160 036.
156. Chandigarh Sector-17-C, SCO 117-118-119 Chandigarh-160 017.

**DELHI/NEW DELHI**

157. DDA Building, Nehru Place, New Delhi-110 019.
158. H-54, Connaught Circus, New Delhi-110 001.
159. 34, Netaji Subhash Marg, Daryaganj, New Delhi-110 002.
160. 29/8, Nangia Park, Shakti Nagar, Delhi-110 007.
161. 10201, Padam Singh Road, Karol Bagh, New Delhi-110 005.
162. E-1, Rajouri Garden, New Delhi-110 027.
163. 10, Shaheed Bhagat Singh Marg, Gole Market, New Delhi-110 001.
164. S-23, Hilton Building, Green Park Extn., New Delhi-110 016.
165. 182, Community Centre, East of Kailash, New Delhi-110 048.
166. A-9, DDA Shopping Complex, Defence Colony, New Delhi-110 024.
167. C-5, Community Centre, Phase-1, Mayapuri, New Delhi-110 064.
168. D-2, Market Vivek Vihar, Delhi-110 032.
169. G.3 Atlantic Arcade, Patparganj, I.P. Extn. Delhi-110 092.
170. New Subzi Mandi, GT Karnal Road, Azadpur, Delhi-110 033.
171. MP-4, Pitampura, Maurya Enclave, Delhi-110 034.
172. C-16, Lawrence Road, Delhi-110 035.
173. A-33, Ganesh Nagar, New Delhi-110 018.

- 174. F-66, Munirka, New Delhi-110 067.
- 175. 5-Siddartha Enclave, Near Ashram Chowk, New Delhi-110 014.

**GOA**

- 176. Panaji Mathias Plaza 18th Road, Panaji, Goa.

**PUDUCHERRY**

- 177. Puducherry 45-NSC Bose Road, Puducherry-605 001.