



राष्ट्रीय परीक्षा एजेंसी  
**National Testing Agency**  
Excellence in Assessment

**INFORMATION**

# **National Eligibility Cum Entrance Test (UG)**

**NEET (UG) - 2020**



**FOR ADMISSION TO UNDERGRADUATE MEDICAL COURSES**

## NATIONAL TESTING AGENCY

### Vision

- *To be a premier, specialist, autonomous and self-sustained National Testing Agency that will help India leverage her demographic dividend by helping her institutions of higher education and research in selecting the most competent applicants.*

### Mission

- *To improve equity and quality in higher education and research in India by assessing the competence of candidates for admissions and recruitment using assessment tools meeting international standards of efficiency, transparency and error free delivery.*
- *To use the services of the best subject matter experts, psychometricians and IT delivery and security professionals to ensure that the gaps in the existing assessment systems are properly identified and bridged.*
- *To produce and disseminate information and research on education and professional development standards.*

### Core Values

*In carrying out its mission NTA will be guided by these core values:*

- *Quality, efficiency, effectiveness, equity and security are central to its assessments.*
- *Engagement with stakeholders, viz. students, parents, teachers, experts and partner institutions preserves their trust in the system.*
- *Undertaking research in evaluation and updating its practices by constant innovation in assessment are key to fulfilling its mission.*
- *Scientifically designed and properly delivered assessments can improve teaching learning processes in class rooms.*

### LIST OF ABBREVIATIONS

AACCC	<i>AYUSH Admission Central Counselling Committee</i>
AIIMS	<i>All India Institute of Medical Sciences</i>
AMU	<i>Aligarh Muslim University</i>
BAMS	<i>Bachelor of Ayurvedic Medicine &amp; Surgery</i>
BDS	<i>Bachelor of Dental Surgery</i>
BHMS	<i>Bachelor of Homeopathic Medicine &amp; Surgery</i>
BHU	<i>Banaras Hindu University</i>
BoGCCH	<i>Board of Governors of Central Council of Homeopathy</i>
BSMS	<i>Bachelor of Siddha Medicine &amp; Surgery</i>
BUMS	<i>Bachelor of Unani Medicine &amp; Surgery</i>
CCIM	<i>Central Council of Indian Medicine</i>
DCI	<i>Dental Council of India</i>
DGHS	<i>Directorate General of Health Services, Govt. of India</i>
DU	<i>Delhi University</i>
ESIC	<i>Employees' State Insurance Corporation</i>
EWS	<i>Economically Weaker Section</i>
INI	<i>Institute of National Importance</i>
JIPMER	<i>Jawaharlal Nehru Institute of Medical Education &amp; Research</i>
MBBS	<i>Bachelor of Medicine and Bachelor of Surgery</i>
MCC	<i>Medical Counselling Committee of Directorate General of Health Services, Govt. of India</i>
MCI	<i>Medical Council of India</i>
MoH&FW	<i>Ministry of Health and Family Welfare</i>
MoA	<i>Ministry of Ayush</i>
NEET (UG)	<i>National Eligibility Cum Entrance Test for admission to Undergraduate Course</i>
NMC	<i>National Medical Commission</i>
OBC-NCL	<i>Other Backward Classes-Non Creamy Layer</i>
PwD	<i>Persons with Disabilities</i>
SC	<i>Scheduled Castes</i>
ST	<i>Scheduled Tribes</i>
UT	<i>Union Territory</i>

## IMPORTANT INFORMATION AND DATES AT A GLANCE

(Please refer to Information Bulletin for details)

### Important Dates and Fee Detail:

02 December 2019 – 31 December 2019 (upto 11:50 pm)		
Last date of successful transaction of fee through Credit/Debit Card/Net-banking/UPI		02 December 2019 to 01 January 2020 (upto 11:50 pm)
Fee Payable by Candidate	General	Rs. 1500/-
	General-EWS/ OBC-NCL*	Rs. 1400/-
	SC/ST/PwD/Transgender	Rs. 800/-
	Processing charges & Goods and Services Tax (GST) are to be paid by the candidate, as applicable	
Correction in Particulars of Application Form on website only		15 January 2020 to 31 January 2020
Downloading of Admit Cards from NTA website		27.03.2020
Date of Examination		03.05.2020
Duration of Examination		180 minutes (03 hours)
Timing of Examination		02:00 pm to 05:00 pm
Centre of NEET(UG)-2020 Examination		As indicated on Admit Card
Display of Recorded Responses and Answer Keys		To be announced later on website
Website(s)		<a href="http://www.nta.ac.in">www.nta.ac.in</a> , <a href="http://ntaneet.nic.in">ntaneet.nic.in</a>
Declaration of Result on NTA website by		04 June, 2020

*\*OBC-NCL (Other Backward Classes)-NCL (Non-Creamy Layer) as per the Central List of Other Backward Classes available on National Commission for Backward Classes. The candidates falling in this list may mention OBC-NCL in the Category Column.*

*State list OBC-NCL Candidates who are not in OBC-NCL (Central List) must choose General.*

*\*The time schedule for admission to MBBS/BDS Course has been approved by the Hon'ble Supreme Court of India in Ashish Ranjan & Ors. Vs. Union of India & Ors. – (2016) 11 SCC 225, which has been subsequently further amended.*

1. Candidates can apply for **NEET (UG)-2020 through "Online" mode only.**
2. Submission of Online Application Form may be done by accessing NTA website [ntaneet.nic.in](http://ntaneet.nic.in). **The Application Form in any other mode will not be accepted.**
3. **Only one application is to be submitted by a candidate.**
4. Candidates must follow the instructions given in the Information Bulletin and on NTA website strictly. Candidates not complying with the instructions shall be summarily disqualified.
5. Candidates must ensure that e-mail Address and Mobile Number provided **in the Online Application Form are their own or parents only** as all information/ communication will be sent by NTA through e-mail on the **registered e-mail address or SMS on registered Mobile Number only.**
6. **Instructions for filling Online Application Form:**
  - ❖ **Download Information Bulletin and Replica of Application Form. Read these carefully to ensure your eligibility. In case a candidate is found to fill in more than one application, the admit card will be cancelled/withheld and his/her candidature will be forfeited for this/future examination.**
  - ❖ **Follow the steps given below to Apply Online:**

**Step-1: Apply for Online Registration using your or parents unique Email Id and Mobile No.**

**Step-2: Fill in the Online Application Form and note down the system generated**

**Application No.**

**Step-3: Upload scanned images of Candidate's latest Passport size Photograph (size: 10 kb to 200 kb), Post Card size photograph (4"X6") (Size: 50 kb - 300 kb) and Candidate's Signature (file size: 4kb - 30kb), Left hand thumb impression (file size: 10 kb-50 kb) in JPG/JPEG format. (*In case of any eventuality of left thumb being unavailable, right hand thumb impression may be used.*), Class X Passing Certificate (file size: 100 kb to 400 kb) in JPG/JPEG format.**

For photography, the focus needs to be on face (80% face coverage, ears clearly visible, on white background).

**Step-4: Pay fee using SBI/Syndicate/HDFC/ICICI/Paytm Payment Gateway through Debit Card/Credit Card/Net-banking/UPI and keep proof of fee paid safely for future reference. In case the Confirmation Page is not generated after payment of fee then the transaction is cancelled, and amount will be refunded to the candidate's account. However, the candidate has to make another transaction of fee, in case the Confirmation Page is not generated.**

- ❖ Download, save and print copies of Confirmation Page after successful remittance of fee and keep copies safely for future reference.
- ❖ **All the 4 Steps can be done together in one go or at different times.**

7. **Candidates are advised to regularly visit the NTA website and also check their e-mails/SMS for latest updates.**
8. **Candidate shall appear at their own cost at the Examination Centre on Date and Timing indicated on their Admit Card issued by the NTA.**
9. **Any request to change the Examination Centre, Date and Time provided on the Admit Card shall not be considered under any circumstances.**
10. **Candidates are advised to take 6-8 Passport size and 4-6 Post Card size (4"X6") colored photographs with white background.**

**The photographs are to be used for uploading on Online Application Form, for examination and also for Counselling/Admission.**

**Note:**

1. *The final submission of Online Application Form will remain incomplete if step-3 and step-4 under point 6 are not completed. Such forms will stand rejected and no correspondence on this account will be entertained.*
2. *No request for refund of fee once remitted by the candidate will be entertained by NTA under any circumstances.*
3. *The entire application process of NEET (UG)-2020 is online, including uploading of scanned images, Payment of Fees, and Printing of Confirmation Page. Therefore, candidates are not required to send/submit any document(s) including Confirmation Page to NTA through Post/ Fax/ by Hand/E-mail.*

**Candidates are NOT allowed to carry any Instruments, Geometry or Pencil box, Handbag, Purse, any kind of Paper/ Stationery/ Textual material (printed or written material), Eatables and Water (loose or packed), Mobile Phone/ Ear Phone/ Microphone/ Pager, Calculator, DocuPen, Slide Rules, Log Tables, Camera, Tape Recorder, Electronic Watches with facilities of calculator, any metallic item or electronic gadgets/ devices in the Examination Hall/Room.**

**Diabetic students are allowed to carry eatables like sugar tablets/fruits (like banana/apple/ orange) and transparent water bottle to the Examination Hall. However, they will not be allowed to carry packed foods like chocolates/candy/sandwich etc. For detailed instruction refer to Chapter 8 and Chapter 9.**

**Candidates taking help of others (including Cyber Café etc.) should ensure that all the four steps mentioned above have been filled up correctly in their presence only. False/misleading information will lead to cancellation of candidature and/or criminal proceedings under laws of the country.**

**DISCLAIMER**

1. Candidates are advised to read the Information Bulletin carefully and go through the instructions regarding filling of Online Application Form given on NEET (UG)-2020 website [www.nta.ac.in](http://www.nta.ac.in), [ntaneet.nic.in](http://ntaneet.nic.in) before starting online registration.
2. Candidate should ensure that all information entered during the online registration process is correct.
3. Online information provided by candidates like name of candidate, contact/ address details, category, PwD status, educational qualification details, date of birth, etc will be treated as correct/final. Any request for changes in information after the closure of correction period will not be considered by NTA under any circumstances. Any candidate found to mislead by providing inaccurate information will be debarred from taking the examination.
4. NTA disclaims any liability that may arise due to incorrect information provided by the candidate(s) during registration process.
5. NTA does not edit /modify/alter any information entered by the candidates after completion of application process under any circumstances. NTA does not guarantee that any request for change in information thereafter will be entertained. Therefore, candidates are advised to exercise utmost caution and care for filling up correct details in the Application Form.

**Usage of Data and Information:** NTA can use the data provided by the End User (test taker in this case) for internal purpose(s) including training, research and development, analysis and other permissible purpose(s).

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***“NTA has a gender-neutral inclusive policy. A gender-specific word, used in any of the NTA document or communication refers to all genders- male/female/transgender, unless explicitly stated.”***



## CHAPTER 1- INTRODUCTION

### 1.1) About National Testing Agency (NTA)

The Ministry of Human Resource Development (MHRD), Government of India (GOI), has established **National Testing Agency (NTA)** as an independent, autonomous and self-sustained premier testing organization registered under the Societies Registration Act, 1860.

The objectives of NTA, inter alia, include:

- (i) To conduct efficient, transparent and international standard tests in order to assess the competency of candidates for admission.
- (ii) To undertake research on educational, professional and testing system to identify gaps in the knowledge systems and take steps for bridging them.
- (iii) To produce and disseminate information and research on education and professional development standards.

The National Eligibility-cum-Entrance Test (NEET-UG) 2020 for admission to the undergraduate medical education will be conducted by the NTA.



## CHAPTER 2- NATIONAL ELIGIBILITY-CUM-ENTRANCE TEST NEET (UG) – 2020

### 2.1) About NEET (UG) – 2020

The National Medical Commission Act, 2019 received assent of the President on 08<sup>th</sup> August, 2019. Section 14 of the National Medical Commission Act, 2019 provides for holding of a common and uniform National Eligibility-cum-Entrance Test (NEET) for admission to the undergraduate medical courses in all medical institutions including those governed under any other law. Thus, the admission to MBBS course in AIIMS, New Delhi, JIPMER and all AIIMS like Institutions will also be made through NEET. **(NMC Act, 2019 at Appendix XIV)**

- a) **Admissions to all seats of Undergraduate Medical Courses will be done through NEET (UG) - 2020. The following are the seats available under different quotas:**
- All India Quota Seats
  - State Government Quota Seats
  - Central Institutions/Universities/Deemed Universities
  - State/Management/NRI Quota Seats in Private Medical / Dental /Ayurveda /Siddha /Unani /Homeopathy Colleges or any Private University
  - Central Pool Quota Seats
  - All seats including NRI Quota as well as Management Quota, in private unaided/aided minority / non- minority medical colleges shall also be filled on the basis of merit obtained in NEET(UG) – 2020.
- b) Indian Citizens/Overseas Citizens of India intending to pursue **Undergraduate Medical Courses** from a foreign (Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy) Institute need to qualify **NEET (UG) - 2020**.
- c) The Counselling for successful candidates under 15% All India Quota seats and all seats of Deemed Universities/Central Universities/Seats of **ESIC & AFMC** including **Delhi University (DU), BHU, AMU, AIIMS & JIPMER** will be conducted by the **MCC/DGHS for Undergraduate Medical Courses**. The counselling for admission to the seats under the control of other States/Universities/Institutions shall be conducted as per the notifications issued separately by the authorities concerned.
- d) The result of **NEET (UG) - 2020** may be utilized by other entities of Central/State Governments for admission purpose in accordance with their rules.
- e) During counselling, the eligibility criteria, self-declaration, various documents, etc. of the eligible candidates shall be verified as per norms specified by the respective authorities and/or Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy Colleges. NTA does not have any responsibility towards correctness/genuinity of the uploaded information/documents during the application process.

### 2.2) Role of NTA in NEET (UG)

The Central Government has established the National Testing Agency to conduct entrance examination for admission/ fellowship in higher educational institutions. The Department of Higher Education, Ministry of Human Resource Development, GOI vide their letter no. F. No. 19-5/2014-TS-I dated 6th July, 2018 has mandated the NTA to conduct the NEET (UG) – 2019 onwards.

The responsibility of **NTA** is limited to inviting online application, conduct of the entrance test, declaration of result and providing **All India Rank** to the **Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India**.

### 2.3) Date of Entrance Test

**NEET (UG) - 2020** will be conducted on **3 May 2020 (Sunday)** from **02:00 p.m. to 05:00 p.m.** The duration of test will be **three (03) hours**.

**The schedule will remain unaltered even if the date of test is declared a public holiday.**

### 2.4) Important Websites

- i. The official website of the NTA for **NEET(UG)-2020** is [ntaneet.nic.in](http://ntaneet.nic.in). All the test related information, as amended from time-to-time (if any), will be available on this website only. Candidates must regularly view this website for latest updates.
- ii. The official websites for counselling of 15% All India seats, Central Institutions/University and Deemed Universities related information is as under:

#### **For MBBS/BDS Courses:**

- Ministry of Health & Family Welfare: [www.mohfw.gov.in](http://www.mohfw.gov.in) and
- Medical Counselling Committee: [www.mcc.nic.in](http://www.mcc.nic.in)

#### **For BAMS/BSMS/BUMS/BHMS Courses:**

- Ministry of AYUSH: [www.ayush.gov.in](http://www.ayush.gov.in)
- AYUSH Admission Central Counselling Committee: [www.aaccc.gov.in](http://www.aaccc.gov.in)

- iii. For remaining seats, kindly check the website(s) of concerned State(s)/ Institution(s).
- iv. Notwithstanding anything contained in the Information Bulletin, the decision of **NTA/MoH&FW/NMC/ MCI/DGHS/DCI/MoA/CCIM/BoGCCH** shall be final and binding.

### 2.5) Legal Jurisdiction

All disputes pertaining to the conduct of examination and allotment of seats shall fall within the jurisdiction of Delhi only. The Senior Director/Director (Administration) of the **NTA** shall be the legal person in whose name the **NTA** may sue or be sued.

#### **Note:**

- (i) Undergraduate Medical Courses refer to Medical/Dental/BAMS/BSMS/BUMS/BHMS courses.
- (ii) Advice received from various institutions/State Governments is appended for information at Appendix -XV.
- (iii) Candidates are also advised to regularly visit the websites of the respective institutions/State Governments for latest updates.

## CHAPTER 3-GENERAL INFORMATION

### 3.1) General Instructions

*National Eligibility Cum Entrance Test NEET (UG) - 2020* will be conducted **as per the regulations of the National Medical Commission Act-2019, Indian Medical Council Act-1956 and the Dentists Act-1948 and other relevant and applicable Acts, as amended from time to time.**

- Merely appearing and qualifying in **NEET (UG) - 2020** does not confer any right to the candidate for admission to **Undergraduate Medical Courses**. The selection and admission to **Undergraduate Medical Courses** seats in any Medical Institution recognized for offering **Undergraduate Medical Courses** is subject to fulfilling the admission criteria, eligibility, rank in merit list, medical fitness and such other criteria as may be prescribed by the Government of India, respective States, Universities, Institutions and Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy Colleges.
- Applications of candidates submitting false and fabricated information will be rejected and such candidates will be further debarred from appearing in examinations conducted by **NTA**. Such candidates will also be prosecuted under applicable laws for criminal offence and suitably punished.
- Incomplete application and applications not in accordance with instructions are liable to be rejected without any further intimation.
- The examination fee once deposited will not be refunded. Fee will neither be carried forward to a future examination nor refunded.
- Applications once submitted cannot be withdrawn. Candidates must note that mere deduction of fee from the bank account is not a proof of fee payment. The payment should be supported by fee payment and **generation of Confirmation Page**.
- Instructions in the Information Bulletin may change /be updated based on decisions taken by the **NTA** and other authorities from time to time. Candidates are advised to regularly check the website [ntaneet.nic.in](http://ntaneet.nic.in) for any further updates or information.
- **NTA** reserves the right to withdraw permission, granted inadvertently if any, to any candidate who is not eligible to appear in the **NEET (UG) - 2020** even though the Admit Card have been issued by the **NTA**.
- Candidate's eligibility for **NEET (UG) - 2020** is purely provisional and is subject to fulfilment of eligibility criteria prescribed by the **MoH&FW/MCI/NMC/DCI/NTA/MCC/ MoA/AACCC/CCIM/BoGCCH /other admitting Institutions as applicable**.
- In case of any ambiguity in interpretation of any of the instructions/ terms/ rules/criteria regarding determination of eligibility/conduct of examination/ registration of candidates/information contained therein, the interpretation of the **MoH&FW/MCI/NMC/DCI/NTA/MCC/other admitting Institution as applicable** shall be final and binding.
- The conduct of **NEET (UG) - 2020** Examination would be videographed. The candidates are required to keep their head in upright position and face the camera during the videography so that their identity could be clearly established. The candidates should agree to the videography during the examination.

### 3.2) Pattern of NEET(UG)-2020

Subject	Type of Question	Duration	Number of Questions	Marks
Physics	Multiple Choice Questions (MCQs) with four options and single correct answer/best option	02:00 p.m. to 05:00 p.m.	45	180
Chemistry			45	180
Biology (Botany & Zoology)			90	360
Total			180	720

**Important Note:**

- I. Each question carries 04 (four) marks.
- II. For each correct answer/best option, candidate will get 04 (four) marks.
- III. For each incorrect answer, 01(one) mark will be deducted from the total score.
- IV. To answer a question, the candidate has to find, for each question, the correct answer/ best option.
- V. However, after the process of challenge of key, if more than one option is found to be correct then all/any one of the multiple correct/best options marked will be given four marks (+4). Any incorrect option marked will be given minus one mark (-1). Unanswered/Unattempted questions will be given no marks. In case, a question is dropped/ ignored, all candidates will be given four marks (+4) irrespective of the fact whether the question has been attempted or not attempted by the candidate.

### 3.3) Mode of Examination

**NEET (UG) – 2020** is a Pen & Paper-based test, to be answered on the specially designed machine gradable sheet using Ball Point Pen.

### 3.4) Duration of Test

The duration of test would be three (03) hours.

### 3.5) Medium of the Question Papers: -

- i. Candidates can opt for Question Paper in any one of the following 11 languages:

English	Hindi	Assamese	Bengali	Gujarati	Kannada
Marathi	Odia	Tamil	Telugu	Urdu	-

- ii. Option of medium of Question Paper should be carefully chosen while filling in the Application Form. The option once chosen cannot be changed.
- iii. Candidates opting for English would be provided Test Booklet in English only.
- iv. Candidates opting for Hindi would be provided Bilingual Test Booklet in English and Hindi.
- v. Candidates opting for Regional languages would also be provided Bilingual Test Booklet in selected Regional language and English.
- vi. In case of any ambiguity in translation of a question in the test, **its English version shall be treated as final and the decision of NTA shall be final in this regard.**
- vii. Option of Regional languages will be available as per the following table only: -

S. No.	Medium of Question Paper	Examination Centres
1.	English	All Examination Centres
2.	Hindi	All Examination Centres
3.	English and Assamese	Examination Centres in Assam
4.	English and Bengali	Examination Centres in West Bengal and Tripura
5.	English and Gujarati	Examination Centres in Gujarat, Daman and Diu, Dadra and Nagar Haveli
6.	English and Kannada	Examination Centres in Karnataka
7.	English and Marathi	Examination Centres in Maharashtra
8.	English and Odia	Examination Centres in Odisha
9.	English and Tamil	Examination Centres in Tamil Nadu
10.	English and Telugu	Examination Centres in Andhra Pradesh and Telangana
11.	English and Urdu	All Examination Centres

viii. Candidates qualifying **NEET (UG) – 2020** would be eligible for All India Quota and other quotas under the State Governments/Institutes, irrespective of the medium of the examination, subject to other eligibility criteria.

### 3.6) Syllabus for the Test

The Question Papers for the test shall be based on a Common Syllabus notified by the Medical Council of India. It is also available at [www.mciindia.org](http://www.mciindia.org). Please see **Appendix- I** for details.

### 3.7) Centres / Cities for NEET (UG) - 2020 Examination

- List of cities along with city codes where the **NEET (UG) - 2020** will be conducted is given at **Appendix- II**.
- While filling up Online Application Form, candidates should select **four Convenient City** Codes from **Appendix -II** as their choice of centre cities in order of their priority.
- For their convenience, the candidates may select the city codes for their own city or for neighboring cities in their state of Residence only and not for far away cities in other States. **NTA** will not be responsible for any inconvenience due to incorrect selection of city codes by the candidates.
- In case, the number of candidates opting for a city is less than a certain minimum, **NTA** reserves its right not to allot any centre in that City.
- In case, the number of candidates opting for a city as centre with Regional language (other than English and Hindi) is less than certain minimum, candidates may be allotted Centre in another city irrespective of the city opted by the candidates for appearing in the examination.
- Though, every effort will be made to allot a centre in one of the cities selected by the candidate, the NTA reserves its right to allot a centre in city other than the candidate's choice.**
- Allotment of centres will be done by the Computer and there will be no human intervention.

**Note:** All effort will be made by NTA to consider the comfort and convenience of candidates, including PwD Candidates, while allotting Centres.

## CHAPTER 4- ELIGIBILITY AND QUALIFICATIONS

### 4.1) Eligibility to appear in NEET (UG) – 2020

Eligibility for appearing in **NEET (UG)** is as per related Regulations is as follows: -

- i. He/she has completed age of 17 years at the time of admission or will complete that age on or before 31 December of the year of his/her admission to the first year **Undergraduate Medical Courses** .
- ii. The upper age limit for **NEET (UG)** is 25 years as on the date of examination with relaxation of 5 years for the candidates belonging to SC/ST/OBC-NCL category and PwD Candidates.

**NOTE:** The upper age limit of 25 years as prescribed under the Regulations on Graduate Medical Education, 1997 vide amendment dated 22.01.2018, was challenged before the Hon'ble High Court of Delhi and the said upper age limit had been upheld vide judgement dated 11.05.2018 in W.P. No.1813/2018 & other connected matters. The said judgement dated 11.05.2018 was challenged before the Hon'ble Supreme Court of India in SLP (C) No. 14320/2018 & other connected matters, when vide interim order dated 29.11.2018, candidates who are 25 years and above were provisionally permitted to appear in NEET-UG-2019 subject to the final outcome of the said matters. The Supreme Court thereafter, vide order dated 29.04.2019 had permitted the candidates to appear provisionally in the Counselling subject to the adjudication of the matters. The aforesaid matters are pending adjudication before the Hon'ble Supreme Court of India and the authorities shall abide by any order that may be passed for NEET-UG-2020.

Thus, the candidates above 25 years are provisionally permitted to appear and their candidature is subject to the outcome of pending Petitions before the Hon'ble Supreme Court.

Accordingly, the eligibility conditions regarding age limit have been revised as under:

For Candidates of General (UR)/General-EWS	born on or before 31.12.2003
For Candidates of SC/ST/OBC-NCL/PwD Category	

- iii. Indian Citizens/ Overseas Citizens of India intending to pursue Undergraduate Medical Courses from a foreign Medical/ Dental Institute also need to qualify **NEET (UG)**.

### 4.2) Eligibility for seats under the control of States/Deemed Universities/Central Universities/ESIC and AFMC including Delhi University (DU), BHU & AMU/central pool quota, AIIMS, JIPMER.

- i. Indian Nationals, Non Resident Indians (**NRIs**), Overseas Citizen of India (**OCI**), Persons with Indian Origin (**PIO**) and Foreign Nationals are eligible for admission in Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy Colleges subject to rules and regulations framed by the respective State Governments, Institutions and the Government of India as the case may be.
- ii. Foreign nationals may confirm their eligibility from the concerned Medical/Dental/ Ayurveda/ Siddha/Unani/Homeopathy College/State.
- iii. Notwithstanding anything stated above, the eligibility criteria to appear in NEET (UG) shall also be applicable to the candidates desirous to take admission in Undergraduate Medical Courses in concerned INIs like AIIMS.



#### 4.3) Eligibility for 15% All India Quota seats

- a) Indian Nationals, Non Resident Indians (**NRIs**), Overseas Citizen of India (**OCI**), Persons of Indian Origin (**PIO**) and Foreign Nationals are eligible for 15% All India Quota Seats.
- b) **Candidates from UT of J&K and Ladakh**
- Students from UT of J&K and Ladakh are **not eligible** for 15% All India Quota seats as UT of J&K and Ladakh have opted out of All India Scheme since its inception. If they claim eligibility, they must submit **online Self Declaration** which will be generated and printed automatically alongwith confirmation page for the record and they need to present the same during counselling. The **Self-Declaration Form** is given in **Appendix- III**.
  - With regard to participation of UT of J&K and Ladakh in the All India Quota, it is informed that the erstwhile State of J&K had opted to stay out of the All India Quota Scheme since inception and as such the students of J&K were also not allowed to participate for admission in all India Quota seats. Now, with the coming into effect of the J&K Reorganization Act, 2019 and formation of UTs, the UT of J&K has been requested to consider for participation in the All India Quota. A decision is yet to be taken by the UT administration in this regard. However, the UT of Ladakh does not have any medical college. Therefore, the decision of participation of UT of J&K will be conveyed in due course.*
  - The Self Declaration Form submitted by candidate will be verified at the time of counselling. If the declaration is found to be false at any time, the candidature/admission of such candidates shall be cancelled and **criminal proceedings** may be initiated against such candidates.
  - Candidates from the UT of J&K and Ladakh can appear in **NEET (UG) 2020** for admission to Private Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy Colleges or any Private/Deemed University and AFMC, AIIMS, JIPMER subject to the fulfilment of respective eligibility conditions.

#### 4.4) Qualifications and Qualifying Examination Codes

To be eligible for NEET (UG) – 2020, candidates need to refer to following table for qualifying examination criteria.

<b>CODE: 01</b>	<p>A candidate who is appearing in the qualifying examination, i.e., 12<sup>th</sup> Standard in 2020, whose result is awaited, may apply and appear in the test but he/she shall not be eligible for admission to the <b>Undergraduate Medical Courses</b>, if he/she does not pass the qualifying examination with the required pass percentage at the time of first round of Counselling.</p> <p>Candidates who have appeared or are appearing at the qualifying Examination with English, Physics, Chemistry and Biology as main subject and expect to pass the Examination with required percentage of marks are also eligible to apply and appear in the Competitive Entrance Examination. However, their candidature will be considered only if they provide documentary evidence of having passed the qualifying Examination with the required subjects and percentage of marks.</p>
<b>OR</b>	

CODE: 02	<p>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/Bio-technology (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.</p> <p><i>Candidates who have passed 10+2 from Open School or as private candidates shall not be eligible to appear for 'National Eligibility Cum Entrance Test'. Furthermore, study of Biology/Biotechnology as an Additional Subject at 10+2 level also shall not be permissible.*</i></p> <p><i>*The candidates who have passed 10+2 level with Biology as an additional subject will also be eligible for MBBS Entrance Examination (as per Hon'ble High Court Order No. 2341/-W/DHC/WRIT/D-1/2019 dated 24/09/2019 in the Writ Petition (C) No. 6773/2019.</i></p> <p>If the institute has to consider an examination of an Indian University or of a foreign/university to be equivalent to the 12<sup>th</sup> Class under 10+2 scheme/intermediate science examination, the candidates shall have to produce a certificate from the concerned Indian University/Association of Indian Universities to the effect that the examination passed by him/her is considered to be equivalent to the 12th class under 10+2 scheme/intermediate science examination.</p> <p><b><i>*(NOTE: The proviso in italics has been subject matter of challenge before the Hon'ble High Court of Delhi, Hon'ble High Court of Allahabad, Lucknow Bench and Hon'ble High Court of Madhya Pradesh at Jabalpur. The provisions of the regulations disqualifying recognised Open School Board candidates and the candidates who have studied Biology/Biotechnology as an additional Subject has been struck down. The Medical Council of India has preferred Special Leave Petitions before the Hon'ble Supreme Court and Appeals in the Hon'ble High Courts. Therefore, the candidature of candidates in the NEET (UG)-2020 who have passed the qualifying examinations i.e. 10+2 from National Institute of Open Schooling or State Open Schools or as private candidates from recognised State Boards; or with Biology/Biotechnology as additional subject shall be allowed but subject to the outcome of Special Leave Petitions/Appeals filed by the Medical Council of India)</i></b></p>
OR	
CODE: 03	<p>The Intermediate/Pre-degree Examination in Science of an Indian University/Board or other recognised examining body with Physics, Chemistry, Biology /Biotechnology (which shall include practical test in these subjects) and also English as a compulsory subject.</p>
OR	
CODE: 04	<p>The Pre-professional/Pre-medical Examination with Physics, Chemistry, Biology/Biotechnology and 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 tests in these subjects and also English as a compulsory subject.</p>

OR	
<b>CODE: 05</b>	The first year of the three years' degree course of a recognised University with Physics, Chemistry and Biology/Biotechnology including practical tests in these subjects provided the examination is a University Examination and candidate has passed the earlier qualifying examination with Physics, Chemistry, Biology/Biotechnology with English at a level not less than a core course.
OR	
<b>CODE: 06</b>	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)/Biotechnology and further that he/ she has passed the earlier qualifying examination with Physics, Chemistry, Biology and English.
OR	
<b>CODE: 07</b>	Any other examination which in scope and standard (Last 02 years of 10+2 Study comprising of Physics, Chemistry and Biology/Bio-technology; 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/Biotechnology including practical tests in each of these subjects and English.

- Provided also that to be eligible for **NEET (UG) - 2020**, the candidate must have passed in Physics, Chemistry, Biology/Biotechnology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry and Biology/Bio-technology at the qualifying examination as mentioned in clause (2) of *Regulation 4 on Graduate Medical Education Regulations, 1997 as amended in 2018, in regulation 2 of Schedule 1, Schedule 2 & Schedule 3 of the Indian Medicine Central Council ( Minimum Standards of Education in Indian Medicine) Regulations , 1986 as amended in 2018 and in Sub-regulation (i) of Regulation 4 of the Homeopathy (Degree Courses) Regulations , 1983 as amended in 2018. In addition, they must have got a rank in the merit list of **NEET (UG) - 2020** for admission to **Undergraduate Medical Courses**.*
- In respect of the candidates belonging to Scheduled Castes, Scheduled Tribes or Other Backward classe (NCL) s, the minimum marks obtained in Physics, Chemistry and Biology/Biotechnology taken together in qualifying examination shall be 40% marks instead of 50% marks for Unreserved and General-EWS Candidates. In respect of PwD candidates as per NMC, CCIM and BoGCCH guidelines the minimum marks in qualifying examination in Physics, Chemistry and Biology (or Botany & Zoology)/Biotechnology taken together shall be 45% instead of 50%.
- Provided further that the students who have received education abroad and wish to seek admission into medical colleges in India must have passed in Physics, Chemistry, Biology/Biotechnology and English with 50% marks in class 12 and their equivalency determined by Association of Indian Universities (**AIU**) as per regulations of the Medical Council of India and the concerned University.
- The criteria for minimum qualifying marks to be eligible for admission to MBBS courses shall also be applicable to concerned INIs.

**Note:** In all other cases, the States/Institutes who have cut offs for eligibility other than those mentioned above, may follow their own criteria.

- If a candidate does not fall within the qualifications prescribed as per Code number 01-07, he/she should furnish complete details to determine eligibility.

**Note:**

- *The Pre-medical course may be conducted either at a Medical College or at a Science College.*
- *Marks obtained in Mathematics are not to be considered for eligibility for admission to Undergraduate Medical Courses.*
- *The candidates who have studied from the Foreign/International Board should ensure that the qualifying examination passed by them are, in scope and standard, as explained in CODE: 07.*

## CHAPTER 5 - ADMISSION AND RESERVATION

### 5.1) Admission Procedure

An All India Merit List of the qualified candidates shall be prepared on the basis of All India Rank in the Merit List of the **NEET (UG) - 2020** and candidates shall be admitted to **Undergraduate Medical Courses** from the said list only, with existing reservation policy. **NTA** will only provide All India Rank to candidates, while Admitting Authorities will invite applications for Counselling and merit list shall be drawn based on All India Rank by the Admitting Authorities. Admission to **Undergraduate Medical Courses** within the respective categories shall be based solely on All India Rank as per merit list of **NEET (UG) - 2020**.

Admission to 15% All India Quota, shall be as per the provisions of the Statutory Regulation of MCI/NMC/DCI, the judgments of the Hon'ble Supreme Court of India and the procedure prescribed by the MCC under the DGHS. Similarly, for admission to 85% State Quota shall be also as per the provisions of the Statutory Regulations of MCI/NMC/DCI, the judgments of the Hon'ble Supreme Court of India and the prescribed rules and regulations by the State/Union Govt. or its designated authority.

(a) **Admission in State Medical Colleges/Universities/Institutions/private medical colleges for seats other than 15% All India Quota:**

- I. Admission under State Quota Seats shall be subject to reservation policy and eligibility criteria prevailing in the State/Union Territory as notified by the respective State/Union Territory from time to time.
- II. The reservation of the seats in medical colleges for respective categories shall be as per applicable laws prevailing in the State/Union Territory concerned.
- III. Admission to **Undergraduate Medical Courses** in Private Medical Colleges shall be subject to policies of the Government of India/State/Union Territory.

(b) **Admission to AIIMS/JIPMER/Deemed Universities/Central Universities/Seats of ESIC and AFMC including BHU/AMU**

- i. Admission to AIIMS/JIPMER/Deemed Universities/Central Universities/ESIC including Delhi University (DU), BHU & AMU will be conducted by **DGHS/MoA/AACCC** and reservation policy will be as per rules and regulations of the concerned University or Institutions. Candidates should register on MCC website for admission to Deemed / Central University/ **ESIC** and **AFMC** for MBBS/BDS courses and AACCC website for admission to Deemed Universities/Central Universities/National Institutes for **Undergraduate Medical Courses**.
- ii. Admission to AFMC, Pune shall be subject to the norms prescribed by the Directorate General of Armed Forces Medical Services, Ministry of Defence, Government of India. Candidates who apply for **NEET (UG) - 2020** and/or for seeking admission in **AFMC** also need to apply to AFMC on [www.afmc.nic.in/www.afmcdg1d.gov.in](http://www.afmc.nic.in/www.afmcdg1d.gov.in). The short listed candidates will be required to appear for a second stage Screening Test conducted by **AFMC**. Candidates are advised to contact **AFMC** for further and exact details. The Counselling will be conducted by **DGHS**.
- iii. Admission to Deemed Universities /Central Universities / ESIC Medical Colleges /AFMC/ BHU /AMU, shall be as per the provisions of the Statutory Regulations of MCI/ NMC/ DCI, the judgments of the Hon'ble Supreme Court of India and the procedure prescribed

by the Medical Counselling Committee (MCC) under the Directorate General of Health Services (DGHS).

iv. Further, the common counselling for admission to MBBS course in the concerned INIs shall be conducted by the DGHS as per the time schedule specified in the MCI's regulations.

(c) For all institutions, wherein Counselling is conducted by MCC under the DGHS, the candidates may refer to the Frequently Asked Questions published by MCC so as to determine their eligibility to appear in Counselling for subsequent rounds, including in respect of ineligibility on account of allotment of seats in the previous rounds of Counselling in terms of Regulation 5A(4) of the Regulations on Graduate Medical Education, 1997 (Appendix-F) which provides for preventing seat blocking in common Counselling for admission to MBBS course.

(d) For all institutions, wherein Counselling is conducted by the State / Union Govt. or its designated authority, the candidates may refer to the Counselling Notifications issued by the State / Union Govt. or its designated authority, so as to determine their eligibility to appear in Counselling for subsequent rounds, including in respect of ineligibility on account of allotment of seats in the previous rounds of Counselling in terms of Regulation 5A(4) of the Regulations on Graduate Medical Education, 1997 (Appendix-F) which provides for preventing seat blocking in common Counselling for admission to MBBS.

## 5.2) Reservation Policy

Reservation policy of the Government of India is applicable to NEET (UG) Examination. According to this, only in the Central Universities and Institutions, 10% of the seats are reserved for the category General-Economically Weaker Section (GEN-EWS), 15% of the seats are reserved for the category Scheduled Caste (SC), 7.5% for the category Scheduled Tribe(ST) and 27% for the category Other Backward Classes belonging to the Non Creamy layer(OBC-NCL).

In case of seats filled by the State Medical Colleges/Universities/Institutions /Private Medical colleges under other than 15%. All India Quota, the reservation policy of the concerned State Govt. shall apply.

### Reservation Policy for PwD Candidates

**The candidates with Disability shall be considered for admission in medical course in reference with the criteria prescribed under the regulation on Graduate Medical Education 1997 as amended on 14-05-2019.**

**Regulation on Graduate Medical Education, 1997 as amended on 14-05-2019 in Appendix - H-1 provides the Guidelines regarding admission of students with "specified disability" under the Rights of Persons with Disability Act, 2016 with respect to admission in MBBS. [Appendix "H-1" of Gazette Notification dated 14-05-2019]](Please see Appendix-IX-B)**

**Guidelines regarding admission of students with "Specified Disabilities" under the Rights of Persons with Disabilities Act, 2016 with respect to admission in MBBS as per the Gazette of India dated 05/02/2019, in BAMS/BSMS/BUMS as per the Gazette notification dated 18/06/2019 and in BHMS as per the Gazette notification dated 19/06/2019.**

**For AIIMS :** In accordance with the Rights of PwD Act 2016, **PwD Reservation** on Horizontal & Category basis will be followed subject to evaluation by Medical Board of Institute to determine eligibility.

**Note:**

1. The "Certificate of Disability" shall be issued in accordance with the Rights of Persons with Disabilities Rules, 2017 notified in the Gazette of India by the Ministry of Social Justice and Empowerment [Department of Empowerment of Persons with Disabilities (*Divyangjan*)] on 15th June 2017.
  2. The extent of "specified disability" in a person shall be assessed in accordance with the "Guidelines for the purpose of assessing the extent of specified disability in a person included under the Rights of Persons with Disabilities Act, 2016 (49 of 2016)" notified in the Gazette of India by the Ministry of Social Justice and Empowerment [Department of Empowerment of Persons with Disabilities (*Divyangjan*)] on 4th January 2018.
  3. The minimum degree of disability should be 40% (Benchmark Disability) in order to be eligible for availing reservation for persons with specified disability. (For details refer **Appendix-IX-B**)
  4. The PwD candidates who want to avail 5% reservation have to get their Certificate of Disability made in one of the 12 designated centres (**Appendix- IX A**) as per the format attached (**Appendix- IX**)
- Candidates who consider themselves eligible for this category are advised to ensure their eligibility by getting themselves examined at any Government Medical College/District Hospital/Government Hospital. Such Government Medical College/District Hospital/Government Hospital shall issue a Disability Certificate in reference with Chapter-VII of the Rights of Persons with Disabilities Rules, 2017. Such a Disability Certificate is issued as per the Schedule to the Rights of Persons with Disabilities Act, 2016 and the Guidelines for the purpose of assessing the extent of specified disability in a person included under the Rights of Persons with Disabilities Act, 2016 notified in the Gazette of India by the Ministry of Social Justice and Empowerment [Department of Empowerment of Persons with Disabilities (*Divyangjan*)] on 4th January 2018 and does not confer any right on any candidate to seek admission in medical course under PwD Quota. The aforesaid Certificate shall be to ascertain whether candidate can apply to NTA for appearing in NEET-UG-2020 under the PwD Quota only.
  - Thereafter, the candidates, upon selection under PwD Category, shall have to produce a Disability Certificate issued by the Disability Assessment Board, which shall have assessed the candidate in reference with criteria prescribed under the Regulations on Graduate Medical Education, 1997 as amended on 14.05.2019. Thus, it is relevant that the candidates after declaration of the result, has to appear before the Disability Assessment Board so as to determine whether they may register or participate in the common online Counselling towards admission in medical course. In case candidates are found to be ineligible by the Disability Assessment Board, in reference with criteria prescribed under the Regulations on Graduate Medical Education, 1997 as amended on 14.05.2019, they may not register or participate in the common online Counselling and any online provisional allotment of medical college shall be entirely fraudulent on the part of the candidate. It is relevant that physical verification of various certificates including academic as well as Disability Certificate, is only upon reporting for admission to the medical college.
  - It is to further clarify that the certificates issued by the Disability Assessment Board shall only be considered for the admission to the medical courses and no other certificate issued by any other Government Medical College/District Hospital/Government Hospital will be accepted.
  - The Disability Certificate, in reference with criteria prescribed under the Regulations on Graduate Medical Education, 1997 as amended on 14.05.2019, may be issued by the Disability Assessment Boards, notified by the Medical Counselling Committee, DGHS on its website w.r.t. common



counselling conducted by it for All India Quota candidates and for Medical Institutions that are subject to common counselling by MCC, DGHS.

- Likewise, the Designated Counselling Authorities of State/UT Governments shall constitute Disability Assessment Boards for assessing the suitability of candidate in reference with criteria prescribed under the Regulations on Graduate Medical Education, 1997 as amended on 14.05.2019, and shall notify the same on their website.

**The facility of Scribe/Reader/Lab Assistant shall be allowed to any person with benchmark disability as defined under section 2(r) of the RPwD Act, 2016 and has limitation in writing including that of speed if so desired by him/her.**

In case of persons with benchmark disabilities in the category of blindness, Locomotor disability (both arms affected- BA) and cerebral palsy, the facility of scribe/reader/lab assistant shall be given, if so desired by the person.

In case of other categories of persons with benchmark disabilities, the provision of Scribe/Reader/Lab Assistant can be allowed on production of a certificate to the effect that the person concerned has physical limitation to write, and scribe is essential to write examination on his behalf the Chief Medical Officer/Civil Surgeon/Medical Superintendent of a Government health care institution as per Proforma at **Appendix- IX-C**.

The order further allows the candidate to opt for their own scribe/reader provided the qualification of the scribe is one step below the qualification of the candidate taking the examination. The candidate with bench-mark disabilities opting for their own scribe/reader should submit details of their own scribe as per Proforma at **Appendix -IX-D**. For those who wish to get a scribe from their Centre, must contact the Centre one day in advance.

**Note:**

- (i) *The Scribe needs to come with valid Government identity proof preferably the same one as mentioned in the Form.*
- (ii) *The scribe needs to bring along two passport size photographs.*

Twenty (20) minutes per hour compensatory time for duration of examination will also be allowed to the candidates who are availing the facility of scribe/reader/lab assistant.

The reservation policy, as prescribed by the government from time to time will be followed by the admitting institutes. The candidates are advised to look for the details at the time of admission.

**Important Note: No change in the category will be entertained after the last date specified by NTA for NEET(UG)-2020 Registration and no subsequent changes will be effective after declaration of NTA NEET(UG) Score 2020.**

## CHAPTER 6 - SUBMISSION OF APPLICATION FORM AND PAYMENT OF FEE

### 6.1) Readiness for filling up Application Form

A candidate can apply for the **NEET (UG) – 2020** by logging on to [ntaneet.nic.in](http://ntaneet.nic.in)

**Before submission of application form, make the following preparations:**

- The information to be filled in the Online Application Form such as names of Father/Mother and Candidate with correct spellings, Aadhaar Number (last 4 digits)/Class XII Roll number issued by the Board/Election Card (EPIC No.)/Passport number/Ration Card Number/ Bank Account Number/Other valid Govt. Identity Card Number, Date of Birth, Address, Mobile Number, email id, etc. may be kept ready. Candidates are advised to check the “**Replica of Application Form**” as given in **(Appendix-XVI)**, before actual filling of Application.
- The candidates need to provide any one of the following identity details given below:

Category of Candidates	Types of permissible IDs
Indian Nationals of all States	Aadhaar Number (last 4 digits)/, Class XII Roll number issued by the Board, Election Card (EPIC No.), Ration Card, Bank Account Passbook with Photograph, Passport Number or Number of any other Photo Identity Card issued by Government.
NRIs	Passport Number, Aadhaar (last 4 digits)/
Foreign Nationals/ OCI/PIO	Passport Number

Candidate should have scanned images in JPG/ JPEG format only, for uploading as part of submission of his/her online application:

- latest Passport size Photograph (size: 10 kb to 200 kb),
- Post Card size photograph (4”X6”) (Size: 50 kb - 300 kb),
- Signature (size: 4 kb to 30 kb) and
- Left hand thumb impression (In case of any eventuality of left hand thumb being unavailable, right hand thumb impression may be used.) - file size: 10 kb to 50 kb)

### 6.2) Instructions for completing Online Application Form

- The candidate, before submitting the application form online, must ensure his eligibility to appear in the test. The candidate is required to go through the Information Bulletin carefully and be clear about all requirements with regard to the submission of the Application Form.
- The Candidate should fill in complete correspondence and permanent address with the pin code, e-mail address and mobile number (own or parents only) for future correspondence.
- Candidates must ensure that mobile numbers and e-mail ID filled in the online Application Form are their own or parents only as **NTA** will communicate through SMS or e-mail on the given mobile number and e-mail ID.
- Candidate should not give the postal address, contact number/mobile number and e-mail ID of Coaching Centres in their Online Application Form.

- e) **Candidates those passed should fill Code [02 to 07]** against the column provided for Qualifying Examination. If a candidate does not fall within the qualifications prescribed as per Code numbers 02 to 07, then the candidate needs to furnish complete details under the column 'others'.
- f) **Candidates appearing in Class XII in 2020** should select qualifying code as 01.
- g) The Application Form other than the one filled in online mode will not be accepted. **The Candidates are not required to send the Confirmation Page of Online Application Form or any other document to the NTA.** However, the candidates are advised to preserve **at least four copies** of the Confirmation Page along with the proof of fee paid for future reference.
- h) Candidates from UT of J&K and Ladakh are required to submit online Self Declaration as indicated in *para – 4.3 (b) of Chapter-4* for seats under 15% All India Quota.

**NOTE:**

- i. Request for change in any particulars in the online Application shall not be entertained under any circumstances.
- ii. Incomplete Applications shall be rejected.
- iii. If a candidate submits more than one Application Form, his candidature will be cancelled.
- iv. If during any stage of examination, any doubt arises that a candidate has, filled in multiple forms or impersonated or not provided genuine information or given fake or false, information or the likes such a candidate can be asked to give additional proof of his identity at any point of time.
- v. If at any stage, including after declaration of result, it is found that the candidate has submitted duplicate forms or has been involved in any form of impersonation or fabricated facts, such candidate shall be liable for severe penalty including being debarred from taking the NTA examination for a **period of three years**. Such candidates shall also be liable for suitable criminal action under relevant laws of the country.
- vi. Online Transaction Password (OTP) generated on the NEET (UG) - 2020 website while registering/submitting the form will be valid for 15 minutes only. After the lapse of this period, candidates need to click on the link "RESEND OTP" to generate new OTP.

### Step I: Registration Page

#### Registration

A candidate can apply for the NEET (UG) - 2020 only on-line by logging on to [ntaneet.nic.in](http://ntaneet.nic.in).

- (i) Candidate's Name/ Mother's Name/ Father's Name as given in the Secondary School Examination or equivalent Board/ University Certificate in capital letters
- (ii) Date of Birth in dd/mm/yyyy format as recorded in Secondary School Examination or equivalent Board/ University certificate.
- (iii) Identification Type: Candidates need to provide any one of the following identity details given below:

Category of Candidates	Types of permissible IDs
Indian Nationals of all States	Aadhaar Number (last 4 digits), Class XII Roll number issued Board, Election Card (EPIC No.), Ration Card, Bank A Passbook with Photograph, Passport Number or Number other Photo Identity Card issued by Government.
NRIs	Passport Number/Aadhaar Number (last 4 digits)
Foreign Nationals/ OCI/PIO	Passport Number/ Aadhaar Number (last 4 digits)

- (iv) Mobile Number and e-mail Address: Candidates must provide own or parents Mobile Number and e-mail address only.
- (v) Provide complete postal address with PIN Code (Correspondence and permanent address) for further correspondence. PIN code of Correspondence as well as permanent address should be given in the space provided for this purpose.

## Step II: Fill in the complete Application Form

### Fill in the complete Application Form

1. The application particulars entered in Step-I can be edited before final submission of the Application Form except Mobile No. and Email address, which may not be changed after Step-I.
2. **Category:** General, General-EWS, SC, ST & OBC-NCL are available in the drop-down list under Category option. No Caste Certificate is to be uploaded in the Online application Form of NEET (UG) – 2020, all the necessary documents related to Caste and Community will be verified at the Counselling by concerned Central/State Counselling Authority.
  - **Other Backward Classes (OBC-NCL)-** *Non Creamy Layer as per the Central List of Other Backward Classes available on National Commission for Backward Classes (NCBC), Government of India website (www.ncbc.nic.in). Thus, the candidates falling in this list may mention OBC-NCL in the Category Column. State list OBC-NCL Candidates who are not in OBC-NCL (Central List) must choose General.*
  - **Economically Weaker Section (EWS)** - *As per the OM No. 20013/01/2018-BC-II dated January 17, 2019 issued by the Ministry of Social Justice and Empowerment and the OM No. 12-4/2019-U1 dated 17.01.2019 as well as the Letters No 35-2/2019-T.S.I dated 21.01.2019, 01.02.2019, 04.02.2019 and 15.02.2019 of MHRD Department of Higher Education regarding implementation of reservation for Economically Weaker Sections (EWS) for admission in Central Educational Institutions.*
3. **Nationality:** Indian Nationals, Non-Resident Indians (NRIs), Overseas Citizen of India (OCI), Persons with Indian Origin (PIO) & Foreign Nationals are eligible to appear in NEET (UG) - 2020.
4. **State/UT Code:** The Candidates have to submit their State/UT Code as per **Appendix-V** during the Online Registration for NEET (UG) – 2020.
5. **PwD Status:** “PwD” means Person with Benchmark Disabilities in accordance with the Provisions of the Rights of Persons with Disability Act, 2016 and as per MCI guidelines dated May 13, 2019. PwD certificate issued by the Competent Authority, if claiming the relaxation under PwD category.
6. **Choice of Examination Cities:** The candidate should select any **four** cities of their choice for examination of NEET (UG) - 2020 given at **Appendix-II**. Allotment of Centre is made by computer and there is no human intervention.
7. **Medium of Question Paper:**
  - **Candidates opting for English would be provided Test Booklet in English only.**
  - **Candidates opting for Hindi/Regional Language would be provided Bilingual Test Booklet i.e. in Hindi/Regional Language and in English. In case of any ambiguity in translation of any of the questions, its English version shall be treated as final.**
8. **Academic Details (X, XI & XII):** Candidate has to fill the complete academic details of X, XI & XII /Qualifying Examination. Candidates those passed should fill Code [02 to 07] against the column provided for Qualifying Examination. If a candidate does not fall within the qualifications prescribed as per Code numbers 02 to 07, then the candidate needs to furnish complete details under the column ‘others’. Candidates appearing in Class XII in 2020 should select qualifying code as 01.
9. **Single Girl Child:** This option will be visible only if the candidate has selected the option “Female” in gender column. Single Girl Child in the family without brother or sister may select this option. Twin Daughter/Fraternal Daughter of the family may also select this option. (**Appendix- XII**)
10. **Minority:** If applicable, the candidate should select any one of the Minority Community viz. Muslim, Christian, Sikh, Buddhist, Jain and Parsi which is notified under minority community as per Section 2

(c) of National Commission for Minorities Act, 1992. The Self Declaration of Minority Community by Candidate for support for Minority Students given at **(Appendix- XIII)**.

11. **Details of Father/ Guardian /Mother:** Code of occupation, Income and qualification may be filled under this column.

**Note:**

- Only one application should be submitted by a candidate.
- Once finally submitted, particulars in certain specific fields may be changed only during correction window. After that no communication in this regard would be entertained.
- Registration will be treated as complete only if the fee has been transacted successfully, else the form will be cancelled.
- Candidates are not required to send/ submit hard copy of Confirmation page to NTA office. However, the candidates are advised to retain the hard copy of the Confirmation Page, and a proof of fee submitted for future need.
- Candidates must note that mere deduction of fee from the bank account is not a proof of fee payment. The payment should be supported by updated fee and generation of Confirmation page is the proof of successful submission of Application Form.

### Step III: Uploading of scanned images

#### Candidate's Photograph: to be uploaded

- Passport size Photograph (size: 10 kb to 200 kb)
- Post Card size photograph (4"X6") (Size: 50 kb to 300 kb)
  - The photographs must be taken on or after **01.09.2019** preferably indicating clearly the name of candidate along with the date of taking the photograph. Photograph should not be with cap or goggles. The focus needs to be on face (**80% face coverage, ears clearly visible, on white background**)
  - Spectacles are allowed only if being used regularly.
  - Polaroid and Computer-generated photos are not acceptable.
  - Applications not complying with these instructions or with unclear photographs are liable to be rejected.
  - Application without photographs shall be rejected.
  - The photographs need not be attested. Candidates are advised to keep 6 to 8 passport size and 4 to 6 Post Card size (**4"X6"**) colour photographs with white background.
  - Candidates may note that if the photographs uploaded are found to be fabricated i.e. de-shaped or seem to be hand-made or computer made, the application of the candidate will be rejected and the same would be considered as using Unfair Means and the candidate would be dealt with accordingly.
  - **In case someone else's photographs have been uploaded, the candidature shall be cancelled and the case will be considered as using UFM. Criminal action as per laws of the country shall also be initiated.**

*Note: Same Passport size and Post Card size photographs are to be used for uploading with Online Application Form and for pasting on Attendance Sheet at the Examination Centre/Counselling/Admission. Candidates are reminded to keep 6 to 8 passport size and 4 to 6 Post Card size (4"X6") colour photographs with white background.*

#### Candidate's Signature: to be uploaded

- The candidate should put his full signature in running hand writing [not in capital letter] on white paper with Black Ink pen and scan for uploading.
- File size must be between 4 kb to 30 kb.
- The unsigned Online Application Forms will be rejected.
- **In case someone else's signature has been uploaded, the candidature shall be cancelled and the case will be considered as using UFM. Criminal action as per laws of the country shall also be initiated.**

**Candidate's Left-hand thumb Impression: to be uploaded**

- The candidate should put his/her left-hand thumb Impression on white paper with Blue Ink and scan for uploading. *In case of any eventuality of left thumb being unavailable, right hand thumb impression may be used.*
- File size must be between 10 kb to 50 kb.
- Further, unclear Left-hand thumb Impression in Online Application Forms will also be rejected.

*Note: Candidate must ensure that the uploaded images are clear and proper. In case of any eventuality of left thumb being unavailable, right hand thumb impression may be used.*

**Candidate's Class -X Passing Certificate: to be uploaded**

- The candidate should scan his/her Class X Passing Certificate for uploading.
- File size must be between 100 kb to 400 kb.

**Step IV: Payment of Fee and Status of receipt of Online Application Form with Fee:**

**After completing Step III of online Application Form, candidates may remit the examination fee (Step IV) by choosing the following options:**

- Select Debit/Credit Card/Net-banking/UPI Mode of Payment and Service Provider (Service/Processing charges per transaction & GST (applicable @18%) to be paid by the candidate) and complete the steps as instructed.
- Print the Confirmation Page after completion of Step-IV i.e. payment through Debit/Credit card/ Net-banking/UPI through State Bank of India/Syndicate Bank/HDFC Bank/ICICI Bank/Paytm as service provider.
- If candidate fails to complete all the steps upto step IV, the final submission of Online Application will remain incomplete and unsuccessful.
- Generation of Confirmation Page confirms final submission of Application Form. If Confirmation Page has not been generated, this means that Application Form has not been submitted successfully.

**Note: In case, the fee payment status is not 'OK' the candidates are advised as following:**

- If the fee is paid through credit/debit card and status is not OK, it means the transaction is cancelled. Therefore, such candidates have to pay the fee once again and ensure the OK fee status. For cancelled transactions, the amount will, automatically, be refunded to concerned credit/debit card after the last date of online submission of Application Form or the process of Fee Reconciliation.

**6.3) Check List for filling the Online Application Form:**

The candidates are advised to ensure the following points before submitting the Online Application Forms:

- Whether they fulfill the prescribed eligibility conditions for the Test.
- That they have selected their gender viz. Male/Female/Transgender correctly.
- That they have selected their **category** viz General/General-EWS/OBC-NCL (Non-Creamy Layer)/SC/ST correctly.
- That the Person with Disability (PwD) candidate has filled the relevant column in the Online Application Form correctly. Only PwD candidates have to fill this column and the others have to leave it blank.
- Whether they have kept a Printout of Application Form (confirmation page) for their own record.

**6.4) Details of Fee Payment**

Fee Payable by Candidate	General	Rs. 1500/-
	General-EWS/ OBC-NCL	Rs. 1400/-
	SC/ST/PwD/Transgender	Rs. 800/-
	Processing charges & Goods and Services Tax (GST) are to be paid by the candidate, as applicable	

## CHAPTER 7 -PARTICULARS TO BE FILLED IN THE ONLINE APPLICATION FORM

Candidate should fill the following particulars in the online Application Form:

- Nationality
- Self-Declaration (**Appendix III**)
- Gender
- Category
- Permanent Address & Correspondence Address
- Passport Number/Ration Card Number/Bank Account Number/Any other valid Govt. Id. Number / Aadhaar Number (last 4 digits)/Class XII Roll number issued by the Board/ Election Card (EPIC No.)
- State/District of Birth
- Father's/Guardian's/Mother's Occupation (**Appendix VI**)
- Father's/Guardian's/Mother's Educational Qualifications (**Appendix VI**)
- Father's/Guardian's/Mother's total annual Income (**Appendix VI**)
- Medium of Question Paper
- Year of Class XII/Equivalent passed/appearing
- Percentage of marks/Grade in class X/ Class X and Equivalent
- State/District of Class X, XI & XII
- Religion
- Minority Status
- **Disability Status as per guidelines of MCI**
- Type of Institution of Class XII/ Equivalent
- Belonging to Rural/Urban area
- Mode of preparation for the NEET (UG).
- State to which the applicant belongs/desires to apply (**Appendix V**)
- Qualifying Examination Code (**Refer to Section (4.4) of Section 4**)
- School Education Board (**Appendix VII**)
- Choice of Examination Centres/Cities (**Appendix II**)



## CHAPTER 8 - BARRED ITEMS AND DRESS CODE

### 8.1) Barred Items

The candidates are not allowed to carry the following items inside the Examination Centre under any circumstances. The candidates will be subjected to extensive and compulsory frisking before entering the Examination Centre with the help of highly sensitive metal detectors.

- a) Any stationery item like textual material (printed or written), bits of papers, Geometry/Pencil Box, Plastic Pouch, Calculator, Pen, Scale, Writing Pad, Pen Drives, Eraser, Calculator, Log Table, Electronic Pen/Scanner etc.
- b) Any communication device like Mobile Phone, Bluetooth, Earphones, Microphone, Pager, Health Band etc.
- c) Other items like Wallet, Goggles, Handbags, Belt, Cap etc.
- d) Any Watch/Wristwatch, Bracelet, Camera, etc.
- e) Any ornaments/metallic item.
- f) Any food items opened or packed, water bottle etc.
- g) Any other item which could be used for unfairmeans, by hiding communication devices like microchip, camera, Bluetooth device etc.

[Note : Any applicable order of Hon'ble Supreme Court/High Courts will be followed in this regard].

**No arrangement will be made at the Centres for keeping any articles/items belonging to the candidates.**

In case any candidate is found in possession of any of the barred items inside the Centre, it will be considered as use of Unfairmeans and action will be taken against the candidate in accordance with the relevant provisions.

### 8.2) Dress Code

The candidates are instructed to follow the following dress code while appearing for **NEET (UG) - 2020**:

- a) Light clothes with long sleeves are not permitted. However in case, candidates come in cultural/ customary dress at the Examination Centre, they should report at least an hour before the last reporting time i.e. 12.30 pm so that there is enough time for proper frisking without any inconvenience to the candidate while maintaining the sanctity of the examination.
- b) Slippers, sandals with low heels are permitted. Shoes are not permitted.
- c) **In case of any deviation required due to unavoidable (medical, etc.) circumstances, specific approval of NTA must be taken before the Admit Cards are issued.**

It is desired that the candidates follow instructions issued by the **NTA** strictly. This will help NTA in the fair conduct of examination.

*Note: The NTA believes in the sanctity and fairness of conducting the Examination, however, it also believes in the sensitivity involved in frisking (girl) candidates and will issue comprehensive instructions accordingly to the staff and other officials at the Examination Centres.*

## CHAPTER 9 - INFORMATION FOR PARENTS/GUARDIANS

1. It is expected that parents/guardians will guide their wards appropriately on the following issues before leaving home for appearing in the NEET (UG) – 2020.
  - a) **The candidate will not be allowed to enter the Examination Centre after 1:30 p.m. Therefore, the candidate shall leave home well in advance taking into consideration various factors such as traffic, location of the Centre and weather conditions, etc.**
  - b) The candidate will follow all the instructions and maintain discipline in the examination.
  - c) The candidate will not breach any examination rule.
  - d) The candidate will not use or promote any Unfairmeans activity during the examination.
  - e) In case, the candidate finds another candidate using Unfairmeans in the examination, the same will be immediately informed to the invigilators on duty.
  - f) The candidate will bring only the following at the examination centre:
    - **Admit Card along with passport size photograph affixed on it;**
    - **One passport size photograph to be affixed on Attendance Sheet.**
    - **Valid Original Identity proof, PwD certificate, if applicable.**
    - **One Post Card Size (4"X6") color photograph with white background should be pasted on the Proforma downloaded with the Admit Card and should be handed over to Invigilator at Centre.**

*Note : Candidate who does not bring the downloaded proforma with post card size (4"X6") photograph pasted and one passport size photograph will not be allowed to sit in the examination and shall lead to his/her disqualification.*
  - g) The candidate will not bring any barred items at the Centre.
  - h) The candidate will cooperate in frisking with the staff at Examination Centre.
  - i) The candidates will report at allotted Examination Centre well in advance to make themselves available for compulsory physical frisking.
  - j) **The candidate will follow the dress code for appearing in NEET (UG) - 2020 Examination. If candidates are wearing customary dress, they need to report at the allotted Examination centre latest by 12:30 pm on the day of examination.**
  - k) **The candidate will regularly visit website ([ntaneet.nic.in](http://ntaneet.nic.in)) & also check registered email/SMS for any update regarding the Examination.**
2. **In case, your ward is found breaching any of the above, the candidate (your ward) will not be permitted to enter in the Examination Centre and will not be allowed to appear in the examination.**
3. If your ward indulges in any unwanted activities, he/she shall be debarred from taking this examination as per rules and shall also be liable for **criminal action and/or any other action** deemed fit by the NTA.
4. **Ensure that your ward reaches the Examination Centre on or before 01:30 pm on the day of examination. For the same, your ward should leave the home well in advance considering traffic, location of the centre and weather conditions etc. It would be appropriate to visit the Centre a day before the examination to confirm the location, distance etc. to avoid any problem of reaching late at the centre and then not being allowed to appear in the examination.**

## CHAPTER 10 - ADMIT CARD

The Admit Card is issued provisionally to the candidates, subject to the fulfillment of the eligibility conditions.

The candidate has to download the Admit Card from the NTA website w.e.f **27 March 2020** onwards and appear for the Examination at the given Centre on Date and Timing as indicated in their Admit Card.

**No candidate will be allowed to appear at the examination centre, on Date and Timings other than that allotted to them in their Admit card.**

In case candidates are unable to download Admit Cards from the website, the candidate should approach the Help Line between 10.00 am to 5.00 pm from 27 March 2020 to 10 April 2020.

**The candidates are advised to read the instructions on the Information Bulletin as well as on the Admit Card carefully and follow them during the conduct of the examination.**

In case of any discrepancy in the particulars of the candidate or his/her photograph and signatures shown in the Admit Card and Confirmation Page, the candidate may immediately **approach the Help Line between 10.00 am to 5.00 pm between 27 March 2020 to 10 April 2020. In such cases, candidates would appear in the examination with the already downloaded Admit Card. However, NTA will take necessary action to make correction in the record later.**

**Note:**

- a. *Candidate may please note that Admit Card will not be sent by post.*
- b. *In no case, the duplicate Admit Card for NEET (UG)-2020 would be issued at the Examination Centres.*
- c. *Candidate must not mutilate the Admit Card or change any entry made therein.*
- d. *Candidates are advised to preserve their Admit Card in good condition for future reference.*
- e. *No Admit Card shall be issued to the candidates whose Applications are found to be incomplete for any reasons (including indistinct/ doubtful photographs/unsigned Applications) or who do not fulfill the eligibility criteria for the examination.*
- f. *Issue of Admit Card, however, shall not necessarily mean acceptance of eligibility which shall be further scrutinized at subsequent stages of admission process.*

## CHAPTER 11 - INSTRUCTIONS TO BE FOLLOWED IN THE EXAMINATION HALL

### General

- a) The Examination Centre will be opened two (02) hours before the commencement of the test. No candidate shall be allowed to enter the Examination Centre after 1:30 p.m. Therefore, candidates must ensure that they leave home well in advance considering all facts like traffic, location of the centre, weather conditions, etc. Candidates are expected to take their seats immediately after the opening of the Examination Hall.

<b>Date of Examination</b>	<b>03.05.2020 (Sunday)</b>
<b>Timing and Duration of Examination</b>	<b>02.00 pm to 5.00 pm (3 hours)</b>
• Last Entry to the Examination Centre	1.30 pm
• Sitting on the seat in the Examination Hall/Room	1.15 pm onwards
• Announcement of Important Instructions and Checking of Admit Cards by the Invigilator	1.30 pm to 1.45 pm
• Distribution of Test Booklet by the Invigilator	1.45 pm
• Writing of particulars on the Test Booklet by the Candidate	1.50 pm
• <b>Test Commences</b>	<b>2.00 pm</b>
• <b>Test Concludes</b>	<b>5.00 pm</b>

- b) The candidate must show, on demand, the Admit Card for admission in the Examination Hall. A candidate who does not possess the valid Admit Card shall not be allowed to enter the Examination Hall by the Centre Superintendent.
- c) 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 Examination from a seat or room other than the allotted one, the candidature shall be cancelled.
- d) During the examination time, the Invigilator will check Admit Card of the candidates to ascertain the identity of each candidate. The Invigilators will also put their own signature in the place provided in the Answer Sheet and on the Attendance Sheet.
- e) **A candidate who comes after 01:30 p.m. shall not be permitted to enter the Examination Centre under any circumstances.**
- f) **Candidates must bring ONLY the following documents on the day of examination at the test centre. Candidates who will not bring these will not be allowed to sit in the examination.**

- Printed copy of Admit Card downloaded from NTA website with passport size photograph (same as uploaded on the Application form pasted on it).
- One passport size photograph (same as uploaded on the Online Application Form) for pasting on the specific space in the attendance sheet at Centre during NEET (UG) - 2020 Examination.
- **One Post Card Size (4"X6") color photograph with white background should be pasted on the Proforma downloaded with the Admit Card. The proforma with Post Card size photograph shall be handed over to the Invigilator in the Examination Hall.**

- Any one of the authorized photo IDs (must be original and valid and like PAN card/Driving License/Voter ID/Passport/Aadhaar Card /Ration Card/Class XII Roll number issued by the Board/any other valid photo ID issued by the Government.
- PwD certificate issued by the Competent Authority, if claiming the relaxation under PwD category.
- Scribe (Letter of Undertaking of using own scribe), if applicable.

- g) Candidates are not allowed to bring any barred item or any item which could be used for Unfair practices. Possession of any such article with the candidates inside the Centre premises will attract the penalties of unfair practices.
- h) Candidates are advised in their own interest not to bring any of the barred items to the venue of the examination as arrangement for safe keeping will not be made and candidates found in possession of these items will not be allowed to enter the Examination Centre.
- i) No candidate will leave his/her seat or the Examination Room/Hall until the Test concludes as per the schedule. Candidates should not leave the Room/Hall without handing over their OMR Sheets to the invigilator on duty.
- j) Smoking in the examination centre is strictly prohibited.
- k) Water Bottles, Tea, coffee, cold drinks or snacks etc. are not allowed to be taken by the candidates into the examination centre. **Candidates suffering from diabetes are allowed to carry into the examination hall the eatables (with prior intimation) like sugar tablets / fruits (like banana/apple/orange) and transparent water bottle. However, they will not be allowed to carry packed foods like chocolate/candy/sandwich etc.**
- l) 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.
- m) Before the start of Examination, important instructions will be communicated to the candidates by the Invigilator for strict compliance by the candidates.
- n) **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.**
- o) The candidate must sign twice on the Attendance Sheet at the specified place, first time immediately after the commencement of examination and second time while handing over the Answer Sheet to the Invigilator. The candidates are also required to put their left hand thumb Impressions in the space provided on the Attendance Sheet.
- p) The candidate will check and ensure that the Test Booklet contains as many number of pages as are written on the top of the cover page.
- q) **For those who are unable to appear on the scheduled date of test for any reason, re-test shall not be held by the NTA under any circumstances.**
- r) The candidates, suffering from Diabetes, may be taken care of at the Centre as per the instructions issued by NTA.

## CHAPTER 12 - UNFAIRMEANS, PRACTICES AND BREACH OF EXAMINATION RULES

### Definition

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

- a) Being in possession of any item or article which has been prohibited or can be used for unfair practices including any stationery item, communication device, accessories, eatable items, ornaments or any other material or information relevant or not relevant to the examination in the paper concerned;
- b) Using someone to write examination (impersonation) or preparing material for copying;
- c) Breaching examination rules or any direction issued by **NTA** in connection with the conduct of **NEET (UG) - 2020** examination from time to time;
- d) Assisting other candidate to engage in malpractices, giving or receiving assistance directly or indirectly of any kind or attempting to do so;
- e) Writing questions or answers on any material other than the answer sheet given by the Centre Superintendent for writing answers;
- f) Tearing of Answer Sheet, any page of the test booklet etc.;
- g) Contacting or communicating or trying to do so with any person, other than the Examination Staff, during the examination time in the Examination Centre;
- h) Taking away the answer sheet out of the examination hall/room;
- i) Smuggling out of Question Paper or its part or smuggling out answer sheet or part thereof;
- j) Threatening any of the officials connected with the conduct of the examination or threatening any of the candidates;
- k) Using or attempting to use any other undesirable method or means in connection with the examination;
- l) Manipulation and fabrication of online documents viz. admit card, rank letter, self-declaration, etc.;
- m) Forceful entry/exit in/from Examination Centre/Hall;
- n) Use or attempted use of any electronic device after entering the Examination Centre;
- o) Affixing/uploading of wrong/morphed photographs on the application form/admit card/proforma;
- p) Erasing or obliterating any information printed on the OMR sheet;
- q) Providing incorrect information on the answer sheet;
- r) **Making fake claims by manipulating the responses in OMR sheet uploaded on website for challenge before or after declaration of result.**
- s) Creating obstacles in smooth and fair conduct of examination.
- t) Any other malpractices declared as unfairmeans by the NTA.

### 12.1) Punishment for using Unfairmeans practices

During the course of, before or after the examination if a candidate indulges in any of the above or similar practices, he/she shall be deemed to have used unfair practices and booked under UNFAIRMEANS (U.F.M.) case. **The candidate would be debarred for 3 years in future and shall also be liable for criminal action and /or any other action as deemed fit.**

### 12.2) Cancellation of Result

- a) The result of NEET(UG)-2020 of the candidates who indulge in Unfairmeans Practices will be cancelled and will not be declared.
- b) Similarly, the result of those candidates who appear from the Centre other than the one allotted to them, write on the Test booklet/OMR Sheet of other candidates or allow other candidates to write on their Test Booklet/OMR Sheet will be cancelled (and will not be declared).

## CHAPTER 13 - MERIT LIST AND QUALIFYING CRITERIA

### 13.1) Qualifying Criteria

The *National Testing Agency* will prepare an *All India Merit List* of successful candidates of **NEET (UG) – 2020** on the basis of the eligibility criteria provided by the *Medical Council of India* and *Dental Council of India* as given in Graduate Medical Education Regulations-1997 issued under Indian *Medical Council Act-1956* and *BDS Course Regulations, 2007* issued under the *Dentists Act, 1948*, and other relevant and applicable Acts, as amended from time to time.

The eligibility criteria are as follows:

- a) In order to be eligible for admission to **Undergraduate Medical Courses** for a particular academic year in case of General, General-EWS, it shall be necessary for a candidate to obtain minimum of marks at **50<sup>th</sup> percentile in National Eligibility Cum Entrance Test to Undergraduate Medical Courses** held for the said academic year. However, in respect of candidates belonging to Scheduled Castes, Scheduled Tribes, Other Backward Classes, the minimum marks shall be at **40<sup>th</sup> percentile**. In respect of candidates with Benchmark Disabilities specified under the *Rights of Persons with Disabilities Act, 2016*, the minimum marks shall be at **45<sup>th</sup> percentile** for Unreserved Category & GEN-EWS Category candidates and 40<sup>th</sup> percentile for SC/ST/OBC-NCL candidates. The percentile shall be determined on the basis of highest marks secured in the All India common merit list in *National Eligibility Cum Entrance Test* for admission to **Undergraduate Medical Courses**.
- b) Provided when sufficient number of candidates in the respective categories fail to secure minimum marks as prescribed in *National Eligibility Cum Entrance Test* held for any academic year for admission to **Undergraduate Medical Courses**, the Central Government in consultation with Medical Council of India and Dental Council of India, Central Council of Indian Medicine and Central Council of Homeopathy may at its discretion lower the minimum marks required for admission to **Undergraduate Medical Courses** for candidates belonging to respective categories and marks so lowered by the Central Government shall be applicable for the said academic year only.
- c) To be eligible for admission to the **Undergraduate Medical Courses**, a candidate must have passed in the subjects of Physics, Chemistry, Biology/Bio-technology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry, Biology/Bio-technology at the Qualifying Examination as mentioned in Graduate Medical Education Regulations-1997 as amended in 2018 and BDS Course Regulations, 2007 and in addition must have come in the merit list of *National Eligibility Cum Entrance Test* for admission to **Undergraduate Medical Courses**. In respect of the candidates belonging to the SC, ST and OBC-NCL category, the marks obtained in Physics, Chemistry, Biology/Biotechnology taken in qualifying examination and competitive examination (Physics, Chemistry, Biology) must be 40% marks instead of 50%. In respect of candidates with Benchmark Disabilities specified under the Rights of Persons with Disabilities Act, 2016, the minimum marks in qualifying examination in Physics, Chemistry and Biology/Biotechnology taken together must be 45% instead of 50% for Unreserved category & GEN-EWS candidates and 40% for SC/ST/OBC-NCL candidates. For admission in BUMS Course, the candidate must have passed the 10th standard with Urdu or Arabic or Persian language as a subject, or clear the test of Urdu of 10th Standard (wherever there is provision to conduct of such test) in the entrance examination conducted by the University or Board or registered Society or Association authorized by the Government to conduct such examination. For admission in BSMS course, the Candidate must have passed Tamil as one of the subjects in the 10th Standard/in Higher Secondary course or Candidates shall have to study Tamil as a subject during the First Professional course.



- d) *Candidates who have passed 10+2 from Open School or as private candidates shall not be eligible to appear for 'National Eligibility Cum Entrance Test'. Furthermore, study of Biology/Biotechnology as an Additional Subject at 10+2 level also shall not be permissible. \**

*\*(Note: "The proviso in italics has been subject matter of challenge before the Hon'ble High Court of Delhi, Hon'ble High Court of Allahabad, Lucknow Bench and Hon'ble High Court of Madhya Pradesh at Jabalpur. The provisions of the regulations disqualifying recognized Open School Board candidates and the candidates who have studied Biology/Biotechnology as an additional Subject has been struck down.")*

*\*The Medical Council of India has preferred Special Leave Petitions before the Hon'ble Supreme Court and Appeals in the Hon'ble High Courts. Therefore, the candidatures of candidates in the NEET (UG)-2020 who have passed the qualifying examinations i.e. 10+2 from National Institute of Open Schooling or State Open Schools or as private candidates from recognized State Boards; or with Biology/Biotechnology as additional subject shall be allowed but subject to outcome of Special Leave Petitions/Appeals filed by the Medical Council of India".*

- (e) 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 **Undergraduate Medical Courses**, he/she shall not be admitted to that course until he/she fulfils the eligibility criteria as specified above. For details candidates may refer to Graduate Medical Education Regulations, 1997 and BDS Course Regulations, 2007, the Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulation and the Homeopathy (Degree Course) Regulations, 1983.
- (f) The criteria for minimum qualifying marks to be eligible for admission to MBBS courses shall also be applicable to concerned INIs.

**A list of the successful candidates in order of All India Rank based on the marks obtained in the National Eligibility Cum Entrance Test (NEET) UG – 2020 will be prepared by the NTA.**

### **13.2) The inter-se-merit of candidates for tie-breaking**

In case of two or more candidates obtaining equal marks/percentile score in the **NEET (UG) - 2020**, the inter-se-merit shall be determined as follows:

- Candidate obtaining higher marks/percentile score in Biology (Botany & Zoology) in the Test, followed by,
- Candidate obtaining higher marks/percentile score in Chemistry in the Test, followed by,
- Candidate with less proportion of number of attempted incorrect answers and correct answers in all the subjects in the Test, followed by,
- Candidate older in age.

### **13.3) Merit list for counselling under 15% All India Quota**

The merit list of the eligible and successful candidates who have opted for 15% All India quota seats will be prepared by the NTA on the basis of marks obtained in the **NEET (UG) - 2020**. The list of successful candidates shall be forwarded to **the Directorate General of Health Services (Medical Examination Cell), Ministry of Health and Family Welfare, Government of India and Ministry of AYUSH, Govt. of India** for the purpose of allotment of seats by Online Counselling to 15% All India Quota Seats.

### **13.4) Merit list for seats other than 15% All India Quota**

- NTA will provide All India Rank and Result will be shared with the **DGHS, Ministry of Health and Family Welfare, Govt of India and Ministry of AYUSH, Govt. of India** to provide the same to the Admitting Authorities.
- Admitting Authorities will invite applications for Counselling.
- The admitting/counselling authorities will draw merit list of the candidates based on All India Rank in the respective categories declared by the candidates at the time of applying for admission/counselling as per State applicable rules.

## CHAPTER 14 - INSTRUCTIONS FOR COUNSELLING

### 14.1) Counselling for Seats Under 15% All India Quota and all seats in Central Institutions Including AIIMS, JIPMER, AFMC, ESI, Delhi University (DU), BHU, AMU and Deemed Universities

Online counselling would be conducted by the *Medical Counselling Committee* of the *Directorate General of Health Services for Undergraduate Medical Courses*. Information for online counselling would only be available on *Medical Counselling Committee (MCC)* website ([mcc.nic.in](http://mcc.nic.in)) for **Undergraduate Medical Courses**. Qualified candidates are advised to read the counselling related information carefully and understand the course of action to be taken by them for appearing in the Counselling. Any query related to 15% All India Quota, Central Institutions including **AIIMS, JIPMER, AFMC, ESIC, Delhi University (DU), BHU & AMU and Deemed Universities** Counselling may be referred to the following address:

For MBBS/BDS Courses:

The Assistant Director General (ME)  
Directorate General of Health Services,  
Nirman Bhawan, New Delhi-110 108  
E-mail: [aigpmt-mcc@nic.in](mailto:aigpmt-mcc@nic.in)

For BAMS/BSMS/BUMS/BHMS Courses:

The Director (SRKV),  
Ministry of AYUSH,  
AYUSH Bhawan, B-Block, GPO Complex,  
INA, New Delhi- 110023  
Email: [Counselling-ayush@gov.in](mailto:Counselling-ayush@gov.in)

For all counselling related queries, scheme of counselling, **FAQs'**, please refer to the website [mcc.nic.in](http://mcc.nic.in) and other counselling authorities. Candidates are advised to continuously update themselves regarding circulars, notices, news events etc. from the above websites.

### 14.2) Counselling and Admission for seats other than 15% All India seats

Candidates wishing to apply for admission in State Medical Colleges/ Universities/Institutions using **merit list of NEET (UG) - 2020** shall follow the instructions of the State Government and/or authorities of the Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy colleges/Institution/University concerned for counselling. Counselling for Private Medical Colleges (except Deemed) will be with the respective State Governments. In case of Medical/Dental Colleges. 15% All India quota seats of Private Ayurveda/Siddha/Unani/ Homeopathy Colleges are filled by AYUSH Admission Central Counselling Committee (AACCC) and Ministry of AYUSH.

The **NTA** will not make any change in candidates' data after the opportunity for the same is closed. *In no case, the change of data submitted by candidate in the online Application Form shall be made by NTA, after declaration of result.*

**In the application form, categories of the candidates have been obtained as per Central Category List. For the counselling and admission on seats other than 15% All India Quota Seats, candidates will register for counselling as per their eligibility by giving the category based on the State category list.**

**The domicile criteria would be as per the State concerned and NTA has no role to play in it.**

The list of State Government Authorities is placed at **Appendix IV**.

## CHAPTER 15 - POST EXAMINATION ACTIVITIES AND DECLARATION OF RESULT

### 15.1) Display of OMR sheets and responses on website

- a) The **NTA** will display the scanned images of OMR Answer Sheets and Recorded Response by the Machine of all the candidates on the website [ntaneet.nic.in](http://ntaneet.nic.in). **Exact date of display of the images of OMR Answer Sheets and Responses, would be communicated after the examination on NTA website.**
- b) Candidates will be given an opportunity to submit representation against the OMR grading by paying a processing fee of Rs. 1000/- per question challenged.
- c) Representations made by the candidates against the OMR grading will be verified by the **NTA** from the actual record and the same will be updated in the data, if challenges are found correct. **However, no intimation in this regard will be sent to individual candidate.**

All candidates are advised to visit website [ntaneet.nic.in](http://ntaneet.nic.in) for viewing and downloading image of OMR/Answer Sheet and recorded responses by the candidates.

### 15.2) Display of Answer Key for challenge

- a) The **NTA** will display provisional Answer Key of the questions, giving opportunity to the candidates to challenge, in case of any doubt in the answer key on the website [ntaneet.nic.in](http://ntaneet.nic.in). **For exact date of display of Answer Key, candidates may regularly check updates on NTA website after the examination.**
- b) Candidates will be given an opportunity to make online challenge against the provisional Answer Key on payment of processing fee of Rs.1000/- per answer challenged.
- c) Challenges made by the candidates will be verified by the **NTA** with the help of panel of subject experts. If found correct, the answer key will be revised accordingly. Based on the revised Final Answer Key, result will be prepared and declared.
- d) **No individual candidate will be informed about the acceptance/non-acceptance of his/her challenge.**
- e) The key finalized after the challenge will be final.

### 15.3) Declaration of Result

- a) The *National Testing Agency* will evaluate the Answer Sheets using standard procedure and the result will be displayed on the website [ntaneet.nic.in](http://ntaneet.nic.in) and thereafter candidates may download their respective Result Sheets.
- b) The NTA will prepare the merit list as per the directives of DGHS and Ministry of AYUSH Admission Central Counselling Committee.
- c) Category wise result will not be prepared.
- d) All Candidates appearing in **NEET (UG) - 2020** must regularly check updates on website of **NTA, MoH&FW, Medical Counselling Committee (mcc.nic.in)**, MoA, AYUSH Admission Central Counselling Committee ([aacc.gov.in](http://aacc.gov.in)) and **participating States/Universities/Institutions** till conclusion of final round of Counselling.

#### **15.4) Re-checking/re-evaluation of answer sheets**

- The machine-gradable Answer Sheets are evaluated with extreme care and are repeatedly scrutinized.
- There is no provision for re-checking/re-evaluation of the answer sheets. This is because of the following reasons:
  - i. The OMRs are machine gradable which are being evaluated through specific software impartial to all.
  - ii. The candidates are given an opportunity to make the representation on the OMR gradation of their OMR sheets and also given an opportunity to challenge the answer key in case of any doubt.
- **No correspondence in this regard will be entertained.**

#### **15.5) Use of result of NEET (UG) - 2020 by other organizations**

**The result of the NEET (UG) - 2020 may be utilized by other entities of Central/State Governments for admission purpose in accordance with their rules and in consultation with the Ministry of Health & Family Welfare, Government of India.**

#### **15.6) Weeding out Rules**

**The record of National Eligibility cum Entrance Test NEET (UG)-2020 would be preserved up to 90 days from the date of declaration of result.**

## CHAPTER 16 - COMMON SERVICES CENTRES/FACILITATION CENTRES

In areas, where candidates find it difficult to submit online application due to various constraints, the services of **Common Services Centre, Ministry of I.T., Government of India** under the **Digital India** initiatives may be utilized. The Common Services Centre (CSC) scheme is a part of the National e-Governance Plan (NeGP) of Government of India and is managed at each village Panchayat level by a Village level entrepreneur (VLE).

There are more than 2.4 lakhs *Common Services Centres* across the country which will provide, on a small fee, the desired support to candidates in online submission of application form and payment of fee through e-wallet. The list of the *Common Services Centre* is available on website - <http://www.csc.gov.in>.

**CORE SYLLABUS****Physics, Chemistry and Biology (Higher Secondary Stage)**

[https://www.mciindia.org/documents/neet/FinalCoreSyllabus\\_NEET-UG.pdf](https://www.mciindia.org/documents/neet/FinalCoreSyllabus_NEET-UG.pdf)

For National Eligibility-cum-Entrance Test NEET (UG)-2020 for admission to MBBS/BDS/BAMS/BSMS/BUMS/BHMS courses across the country.

The National Medical Commission of India (NMC) recommends the following syllabus for National Eligibility-cum-Entrance Test NEET(UG) for admission to MBBS/BDS/BAMS/BSMS/BUMS/BHMS courses across the country after review of various State syllabi as well as those prepared by CBSE, NCERT and COBSE. This is to establish a uniformity across the country keeping in view the relevance of different areas in medical education.

Physics syllabus of class 11th		Physics syllabus of Class 12th	
Sr. No.	Topics	Sr. No.	Topics
1	Physical world and measurement	1	Electrostatics
2	Kinematics	2	Current Electricity
3	Laws of Motion	3	Magnetic Effects of Current and Magnetism
4	Work, Energy and Power	4	Electromagnetic Induction and Alternating Currents
5	Motion of System of Particles and Rigid Body	5	Electromagnetic Waves
6	Gravitation	6	Optics
7	Properties of Bulk Matter	7	Dual Nature of Matter and Radiation
8	Thermodynamics	8	Atoms and Nuclei
9	Behaviour of Perfect Gas and Kinetic Theory	9	Electronic Devices
10	Oscillations and Waves		
Chemistry syllabus of class 11th		Chemistry syllabus of class 12th	
Sr. No.	Topics	Sr. No.	Topics
1	Some Basic Concepts of Chemistry	1	Solid State
2	Structure of Atom	2	Solutions
3	Classification of Elements and Periodicity in Properties	3	Electrochemistry
4	Chemical Bonding and Molecular Structure	4	Chemical Kinetics
5	States of Matter: Gases and Liquids	5	Surface Chemistry
6	Thermodynamics	6	General Principles and Processes of Isolation of Elements
7	Equilibrium	7	<i>p</i> -Block Elements
8	Redox Reactions	8	<i>d</i> and <i>f</i> Block Elements
9	Hydrogen	9	Coordination Compounds
10	s-Block Element (Alkali and Alkaline earth metals)	10	Haloalkanes and Haloarenes
11	Some p-Block Elements	11	Alcohols, Phenols and Ethers

12	Organic Chemistry- Some Basic Principles and Techniques	12	Aldehydes, Ketones and Carboxylic Acids
13	Hydrocarbons	13	Organic Compounds Containing Nitrogen
14	Environmental Chemistry	14	Biomolecules
		15	Polymers
		16	Chemistry in Everyday Life

Biology syllabus of class 11th		Biology syllabus of class 12th	
Sr. No.	Topics	Sr. No	Topics
1	Diversity in Living World	1	Reproduction
2	Structural Organisation in Animals and Plants	2	Genetics and Evolution
3	Cell Structure and Function	3	Biology and Human Welfare
4	Plant Physiology	4	Biotechnology and Its Applications
5	Human physiology	5	Ecology and environment

## PHYSICS: CONTENTS OF CLASS XI SYLLABUS

### UNIT I: Physical World and Measurement

- **Physics:** Scope and excitement; nature of physical laws; Physics, technology and society.
- **Need for measurement:** Units of measurement; systems of units; SI units, fundamental and derived units. Length, mass and time measurements; accuracy and precision of measuring instruments; errors in measurement; significant figures.
- Dimensions of physical quantities, dimensional analysis and its applications.

### UNIT II: Kinematics

- Frame of reference, Motion in a straight line; Position-time graph, speed and velocity. Uniform and non-uniform motion, average speed and instantaneous velocity. Uniformly accelerated motion, velocity-time and position-time graphs, for uniformly accelerated motion (graphical treatment).
- Elementary concepts of differentiation and integration for describing motion. *Scalar and vector quantities:* Position and displacement vectors, general vectors, general vectors and notation, equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors. Relative velocity.
- Unit vectors. Resolution of a vector in a plane-rectangular components.
- Scalar and Vector products of Vectors. Motion in a plane. Cases of uniform velocity and uniform acceleration- projectile motion. Uniform circular motion.

### UNIT III: Laws of Motion

- Intuitive concept of force. Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications.



- Equilibrium of concurrent forces. Static and Kinetic friction, laws of friction, rolling friction, lubrication.
- *Dynamics of uniform circular motion.* Centripetal force, examples of circular motion (vehicle on level circular road, vehicle on banked road).

#### **UNIT IV: Work, Energy and Power**

- Work done by a constant force and variable force; kinetic energy, work-energy theorem, power.
- Notion of potential energy, potential energy of a spring, conservative forces; conservation of mechanical energy (kinetic and potential energies); nonconservative forces; motion in a vertical circle, elastic and inelastic collisions in one and two dimensions.

#### **UNIT V: Motion of System of Particles and Rigid Body**

- Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body; centre of mass of uniform rod.
- Moment of a force, -torque, angular momentum, conservation of angular momentum with some examples.
- Equilibrium of rigid bodies, rigid body rotation and equation of rotational motion, comparison of linear and rotational motions; moment of inertia, radius of gyration. Values of M.I. for simple geometrical objects (no derivation). Statement of parallel and perpendicular axes theorems and their applications.

#### **UNIT VI: Gravitation**

- Kepler's laws of planetary motion. The universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.
- Gravitational potential energy; gravitational potential. Escape velocity, orbital velocity of a satellite. Geostationary satellites.

#### **UNIT VII: Properties of Bulk Matter**

- Elastic behavior, Stress-strain relationship. Hooke's law, Young's modulus, bulk modulus, shear, modulus of rigidity, poisson's ratio; elastic energy.
- Viscosity, Stokes' law, terminal velocity, Reynold's number, streamline and turbulent flow. Critical velocity, Bernoulli's theorem and its applications.
- Surface energy and surface tension, angle of contact, excess of pressure, application of surface tension ideas to drops, bubbles and capillary rise.
- Heat, temperature, thermal expansion; thermal expansion of solids, liquids, and gases. Anomalous expansion. Specific heat capacity:  $C_p$ ,  $C_v$ - calorimetry; change of state – latent heat.
- Heat transfer- conduction and thermal conductivity, convection and radiation. Qualitative ideas of Black Body Radiation, Wein's displacement law, and Green House effect.
- Newton's law of cooling and Stefan's law.

#### **UNIT VIII: Thermodynamics**

- Thermal equilibrium and definition of temperature (zeroth law of Thermodynamics). Heat, work and internal energy. First law of thermodynamics. Isothermal and adiabatic processes.

- *Second law of the thermodynamics*: Reversible and irreversible processes. Heat engines and refrigerators.

#### UNIT IX: Behaviour of Perfect Gas and Kinetic Theory

- Equation of state of a perfect gas, work done on compressing a gas.
- *Kinetic theory of gases*: Assumptions, concept of pressure. Kinetic energy and temperature; degrees of freedom, law of equipartition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path.

#### UNIT X: Oscillations and Waves

- Periodic motion-period, frequency, displacement as a function of time. Periodic functions. Simple harmonic motion(SHM) and its equation; phase; oscillations of a spring-restoring force and force constant; energy in SHM –Kinetic and potential energies; simple pendulum-derivation of expression for its time period; free, forced and damped oscillations (qualitative ideas only), resonance.
- Wave motion. Longitudinal and transverse waves, speed of wave motion. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics. Beats. Doppler effect.

### PHYSICS: CONTENTS OF CLASS XII SYLLABUS

#### UNIT I: Electrostatics

- Electric charges and their conservation. Coulomb's law-force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution.
- Electric field, electric field due to a point charge, electric field lines; electric dipole, electric field due to a dipole; torque on a dipole in a uniform electric field.
- Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside)
- Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges: equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipoles in an electrostatic field.
- Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor, Van de Graaff generator.

#### UNIT II: Current Electricity

- Electric current, flow of electric charges in a metallic conductor, drift velocity and mobility, and their relation with electric current; Ohm's law, electrical resistance,  $V-I$  characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity.
- Carbon resistors, color code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.
- Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel.

- Kirchhoff's laws and simple applications. Wheatstone bridge, metre bridge.
- Potentiometer-principle and applications to measure potential difference, and for comparing emf of two cells; measurement of internal resistance of a cell.

### UNIT III: Magnetic Effects of Current and Magnetism

- Concept of magnetic field, Oersted's experiment. Biot-Savart law and its application to current carrying circular loop.
- Ampere's law and its applications to infinitely long straight wire, straight and toroidal solenoids. Force on a moving charge in uniform magnetic and electric fields. Cyclotron.
- Force on a current-carrying conductor in a uniform magnetic field. Force between two parallel current-carrying conductors-definition of ampere. Torque experienced by a current loop in a magnetic field; moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter.
- Current loop as a magnetic dipole and its magnetic dipole moment. Magnetic dipole moment of a revolving electron. Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a magnetic dipole (bar magnet) in a uniform magnetic field; bar magnet as an equivalent solenoid, magnetic field lines; Earth's magnetic field and magnetic elements.
- Para-, dia-and ferro-magnetic substances, with examples.
- Electromagnetic and factors affecting their strengths. Permanent magnets.

### UNIT IV: Electromagnetic Induction and Alternating Currents

- Electromagnetic induction; Faraday's law, induced emf and current; Lenz's Law, Eddy currents. Self and mutual inductance.
- Alternating currents, peak and rms value of alternating current/ voltage; reactance and impedance; LC oscillations (qualitative treatment only), LCR series circuit, resonance; power in AC circuits, wattles current.
- AC generator and transformer.

### UNIT V: Electromagnetic Waves

- Need for displacement current.
- Electromagnetic waves and their characteristics (qualitative ideas only). Transverse nature of electromagnetic waves.
- Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, x-rays, gamma rays) including elementary facts about their uses.

### UNIT VI: Optics

- Reflection of light, spherical mirrors, mirror formula. Refraction of light, total internal reflection and its applications optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lens-maker's formula. Magnification, power of a lens, combination of thin lenses in contact combination of a lens and a mirror. Refraction and dispersion of light through a prism.
- Scattering of light- blue colour of the sky and reddish appearance of the sun at sunrise and sunset.
- *Optical instruments:* Human eye, image formation and accommodation, correction of eye defects (myopia and hypermetropia) using lenses.
- Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.

- *Wave optics*: Wavefront and Huygens' principle, reflection and refraction of plane wave at a plane surface using wavefronts.
- Proof of laws of reflection and refraction using Huygens' principle.
- Interference, Young's double hole experiment and expression for fringe width, coherent sources and sustained interference of light.
- Diffraction due to a single slit, width of central maximum.
- Resolving power of microscopes and astronomical telescopes. Polarisation, plane polarized light; Brewster's law, uses of plane polarized light and Polaroids.

#### **UNIT VII: Dual Nature of Matter and Radiation**

- Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation- particle nature of light.
- Matter waves- wave nature of particles, de Broglie relation. Davisson-Germer experiment (experimental details should be omitted; only conclusion should be explained).

#### **UNIT VIII: Atoms and Nuclei**

- Alpha- particle scattering experiments; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum. Composition and size of nucleus, atomic masses, isotopes, isobars; isotones.
- Radioactivity- alpha, beta and gamma particles/ rays and their properties decay law. Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number, nuclear fission and fusion.

#### **UNIT IX: Electronic Devices**

- Energy bands in solids (qualitative ideas only), conductors, insulators and semiconductors; semiconductor diode- *I-V* characteristics in forward and reverse bias, diode as a rectifier; *I-V* characteristics of LED, photodiode, solar cell, and Zener diode; Zener diode as a voltage regulator. Junction transistor, transistor action, characteristics of a transistor; transistor as an amplifier (common emitter configuration) and oscillator. Logic gates (OR, AND, NOT, NAND and NOR). Transistor as a switch.

### **CHEMISTRY: CONTENTS OF CLASS XI SYLLABUS**

#### **UNIT I: Some Basic Concepts of Chemistry**

- *General Introduction*: Important and scope of chemistry.
- Laws of chemical combination, *Dalton's atomic theory*: concept of elements, atoms and molecules.
- Atomic and molecular masses. Mole concept and molar mass; percentage composition and empirical and molecular formula; chemical reactions, stoichiometry and calculations based on stoichiometry.

#### **UNIT II: Structure of Atom**

- Atomic number, isotopes and isobars. Concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbital, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals- Aufbau principle, Pauli exclusion principles and Hund's rule, electronic configuration of atoms, stability of half filled and completely filled orbitals.

### UNIT III: Classification of Elements and Periodicity in Properties

- Modern periodic law and long form of periodic table, periodic trends in properties of elements- atomic radii, ionic radii, ionization enthalpy, electron gain enthalpy, electronegativity, valence.

### UNIT IV: Chemical Bonding and Molecular Structure

- Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, valence bond theory, resonance, geometry of molecules, VSEPR theory, concept of hybridization involving *s*, *p* and *d* orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules (qualitative idea only). Hydrogen bond.

### UNIT V: States of Matter: Gases and Liquids

- Three states of matter, intermolecular interactions, types of bonding, melting and boiling points, role of gas laws of elucidating the concept of the molecule, Boyle's law, Charles's law, Gay Lussac's law, Avogadro's law, ideal behaviour of gases, empirical derivation of gas equation. Avogadro number, ideal gas equation. Kinetic energy and molecular speeds (elementary idea), deviation from ideal behaviour, liquefaction of gases, critical temperature.
- Liquid State- Vapour pressure, viscosity and surface tension (qualitative idea only, no mathematical derivations).

### UNIT VI : Thermodynamics

- First law of thermodynamics-internal energy and enthalpy, heat capacity and specific heat, measurement of *U* and *H*, Hess's law of constant heat summation, enthalpy of : bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution.
- Introduction of entropy as state function, Second law of thermodynamics, Gibbs energy change for spontaneous and non-spontaneous process, criteria for equilibrium and spontaneity.
- Third law of thermodynamics- Brief introduction.

### UNIT VII: Equilibrium

- Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of chemical equilibrium, equilibrium constant, factors affecting equilibrium- Le Chatelier's principle; ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of polybasic acids, acid strength, concept of *pH*., Hydrolysis of salts (elementary idea)., buffer solutions, Henderson equation, solubility product, common ion effect (with illustrative examples).

### UNIT VIII: Redox Reactions

- Concept of oxidation and reduction, redox reactions oxidation number, balancing redox reactions in terms of loss and gain of electron and change in oxidation numbers.

### UNIT IX: Hydrogen

- Occurrence, isotopes, preparation, properties and uses of hydrogen; hydrides ionic, covalent and interstitial; physical and chemical properties of water, heavy water; hydrogen peroxide-preparation, reactions, uses and structure;

#### UNIT X: s-Block Elements (Alkali and Alkaline earth metals)

- *Group 1 and group 2 elements:*
- General introduction, electronic configuration, occurrence, anomalous properties of the first element of each group, diagonal relationship, trends in the variation of properties (such as ionization enthalpy, atomic and ionic radii), trends in chemical reactivity with oxygen, water, hydrogen and halogens; uses.
- Preparation and Properties of Some important Compounds:
- Sodium carbonate, sodium chloride, sodium hydroxide and sodium hydrogencarbonate, biological importance of sodium and potassium.
- Industrial use of lime and limestone, biological importance of Mg and Ca.

#### UNIT XI: Some p-Block Elements

- General Introduction to p-Block Elements.
- *Group 13 elements:* General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous properties of first element of the group; Boron, some important compounds: borax, boric acids, boron hydrides. Aluminium: uses, reactions with acids and alkalies.
- *General 14 elements:* General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous behaviour of first element. Carbon, allotropic forms, physical and chemical properties: uses of some important compounds: oxides.
- Important compounds of silicon and a few uses: silicon tetrachloride, silicones, silicates and zeolites, their uses.

#### UNIT XII: Organic Chemistry- Some Basic Principles and Techniques

- General introduction, methods of purification qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds.
- Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation.
- Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions; electrophiles and nucleophiles, types of organic reactions.

#### UNIT XIII: Hydrocarbons

- *Alkanes-* Nomenclature, isomerism, conformations (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis.
- *Alkanes-*Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation: chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition.
- *Alkynes-*Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of- hydrogen, halogens, hydrogen halides and water.

- *Aromatic hydrocarbons*- Introduction, IUPAC nomenclature; Benzene; resonance, aromaticity; chemical properties: mechanism of electrophilic substitution-Nitration sulphonation, halogenation, Friedel Craft's alkylation and acylation; directive influence of functional group in mono-substituted benzene; carcinogenicity and toxicity.

#### UNIT XIV: Environmental Chemistry

- *Environmental pollution*: Air, water and soil pollution, chemical reactions in atmosphere, smogs, major atmospheric pollutants; acid rain ozone and its reactions, effects of depletion of ozone layer, greenhouse effect and global warming-pollution due to industrial wastes; green chemistry as an alternative tool for reducing pollution, strategy for control of environmental pollution.

### CHEMISTRY: CONTENTS OF CLASS XII SYLLABUS

#### UNIT I: Solid State

- Classification of solids based on different binding forces; molecular, ionic covalent and metallic solids, amorphous and crystalline solids (elementary idea), unit cell in two dimensional and three dimensional lattices, calculation of density of unit cell, packing in solids, packing efficiency, voids, number of atoms per unit cell in a cubic unit cell, point defects, electrical and magnetic properties, Band theory of metals, conductors, semiconductors and insulators.

#### UNIT II: Solutions

- Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, colligative properties- relative lowering of vapour pressure, Raoult's law, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties abnormal molecular mass. Van Hoff factor.

#### UNIT III: Electrochemistry

- Redox reactions, conductance in electrolytic solutions, specific and molar conductivity variation of conductivity with concentration, Kohlrausch's Law, electrolysis and Laws of electrolysis (elementary idea), dry cell- electrolytic cells and Galvanic cells; lead accumulator, EMF of a cell, standard electrode potential, Relation between Gibbs energy change and EMF of a cell, fuel cells; corrosion.

#### UNIT IV: Chemical Kinetics

- Rate of a reaction (average and instantaneous), factors affecting rates of reaction; concentration, temperature, catalyst; order and molecularity of a reaction; rate law and specific rate constant, integrated rate equations and half life (only for zero and first order reactions); concept of collision theory ( elementary idea, no mathematical treatment). Activation energy, Arrhenius equation.

#### UNIT V: 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; Tyndall effect, Brownian movement, electrophoresis, coagulation; emulsions- types of emulsions.

#### UNIT VI: General Principles and Processes of Isolation of Elements



- *Principles and methods of extraction*- concentration, oxidation, reduction electrolytic method and refining; occurrence and principles of extraction of aluminium, copper, zinc and iron.

#### UNIT VII: *p*- Block Elements

- *Group 15 elements*: General introduction, electronic configuration, occurrence, oxidation states, trends in physical and chemical properties; preparation and properties of ammonia and nitric acid, oxides of nitrogen (structure only); Phosphorous- allotropic forms; compounds of phosphorous: preparation and properties of phosphine, halides (PCl<sub>3</sub>, PCl<sub>5</sub>) and oxoacids (elementary idea only).
- *Group 16 elements*: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; dioxygen: preparation, properties and uses; classification of oxides; ozone. Sulphur – allotropic forms; compounds of sulphur: preparation, preparation, properties and uses of sulphur dioxide; sulphuric acid: industrial process of manufacture, properties and uses, oxoacids of sulphur (structures only).
- *Group 17 elements*: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens: preparation, properties and uses of chlorine and hydrochloric acid, interhalogen compounds oxoacids of halogens (structures only).
- *Group 18 elements*: General introduction, electronic configuration, occurrence, trends in physical and chemical properties, uses.

#### UNIT VIII: *d* and *f* Block Elements

- General introduction, electronic configuration, characteristics of transition metals, general trends in properties of the first row transition metals- metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation. Preparation and properties of K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> and KMnO<sub>4</sub>.
- *Lanthanoids*- electronic configuration, oxidation states, chemical reactivity, and lanthanoid contraction and its consequences.
- *Actinoids*: Electronic configuration, oxidation states and comparison with lanthanoids.

#### UNIT IX: Coordination Compounds

- *Coordination compounds*: Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds, isomerism (structural and stereo) bonding, Werner's theory VBT,CFT; importance of coordination compounds (in qualitative analysis, biological systems).

#### UNIT X: Haloalkanes and Haloarenes

- *Haloalkanes*: Nomenclature, nature of C –X bond, physical and chemical properties, mechanism of substitution reactions. Optical rotation.
- *Haloarenes*: Nature of C-X bond, substitution reactions (directive influence of halogen for monosubstituted compounds only).
- Uses and environment effects of – dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

#### UNIT XI: Alcohols, Phenols and Ethers

- *Alcohols*: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only); identification of primary, secondary and tertiary alcohols; mechanism of dehydration, uses with special reference to methanol and ethanol.
- *Phenols*: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols.
- *Ethers*: Nomenclature, methods of preparation, physical and chemical properties uses.

#### UNIT XII: Aldehydes, Ketones and Carboxylic Acids

- *Aldehydes and Ketones*: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties; and mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes; uses.
- *Carboxylic Acids*: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.

#### UNIT XIII: Organic Compounds Containing Nitrogen

- *Amines*: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary secondary and tertiary amines.
- *Cyanides and Isocyanides*- will be mentioned at relevant places.
- *Diazonium salts*: Preparation, chemical reactions and importance in synthetic organic chemistry.

#### UNIT XIV: Biomolecules

- *Carbohydrates*- Classification (aldoses and ketoses), monosaccharide (glucose and fructose), D.L. configuration, oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen): importance.
- *Proteins*- Elementary idea of – amino acids, peptide bond, polypeptides, proteins, primary structure, secondary structure, tertiary structure and quaternary structure (qualitative idea only), denaturation of proteins; enzymes.
- ***Hormones*- Elementary idea (excluding structure).**
- *Vitamins*- Classification and function.
- *Nucleic Acids*: DNA and RNA

#### UNIT XV: Polymers

- *Classification*- Natural and synthetic, methods of polymerization (addition and condensation), copolymerization. Some important polymers: natural and synthetic like polyesters, bakelite; rubber, Biodegradable and non-biodegradable polymers.

#### UNIT XVI: Chemistry in Everyday Life

- Chemicals in medicines- analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamines.
- Chemicals in food- preservatives, artificial sweetening agents, **elementary idea of antioxidants.**
- Cleansing agents- soaps and detergents, cleansing action.

## **BIOLOGY: CONTENTS OF CLASS XI SYLLABUS**

### **UNIT I: Diversity in Living World**

- What is living? ; Biodiversity; Need for classification; Three domains of life; Taxonomy & Systematics; Concept of species and taxonomical hierarchy; Binomial nomenclature; Tools for study of Taxonomy – Museums, Zoos, Herbaria, Botanical gardens.
- Five kingdom classification; salient features and classification of Monera; Protista and Fungi into major groups; Lichens; Viruses and Viroids.
- Salient features and classification of plants into major groups-Algae, Bryophytes, Pteridophytes, Gymnosperms and Angiosperms (three to five salient and distinguishing features and at least two examples of each category); Angiosperms classification up to class, characteristic features and examples).
- Salient features and classification of animals-nonchordate up to phyla level and chordate up to classes level (three to five salient features and at least two examples).

### **UNIT II: Structural Organisation in Animals and Plants**

- Morphology and modifications; Tissues; Anatomy and functions of different parts of flowering plants: Root, stem, leaf, inflorescence- cymose and racemose, flower, fruit and seed (To be dealt along with the relevant practical of the Practical Syllabus).
- Animal tissues; Morphology, anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of an insect (cockroach). (Brief account only)

### **UNIT III: Cell Structure and Function**

- Cell theory and cell as the basic unit of life; Structure of prokaryotic and eukaryotic cell; Plant cell and animal cell; Cell envelope, cell membrane, cell wall; Cell organelles-structure and function; Endomembrane system-endoplasmic reticulum, Golgi bodies, lysosomes, vacuoles; mitochondria, ribosomes, plastids, micro bodies; Cytoskeleton, cilia, flagella, centrioles (ultra structure and function); Nucleus-nuclear membrane, chromatin, nucleolus.
- Chemical constituents of living cells: Biomolecules-structure and function of proteins, carbohydrates, lipids, nucleic acids; Enzymes-types, properties, enzyme action.
- Cell division: Cell cycle, mitosis, meiosis and their significance.

### **UNIT IV: Plant Physiology**

- Transport in plants: Movement of water, gases and nutrients; Cell to cell transport-Diffusion, facilitated diffusion, active transport; Plant – water relations – Imbibition, water potential, osmosis, plasmolysis; Long distance transport of water – Absorption, apoplast, symplast, transpiration pull, root pressure and guttation; Transpiration-Opening and closing of stomata; Uptake and translocation of mineral nutrients-Transport of food, phloem transport, Mass flow hypothesis; Diffusion of gases (brief mention).
- Mineral nutrition: Essential minerals, macro and micronutrients and their role; Deficiency symptoms; Mineral toxicity; Elementary idea of Hydroponics as a method to study mineral nutrition; Nitrogen metabolism-Nitrogen cycle, biological nitrogen fixation.
- Photosynthesis: Photosynthesis as a means of Autotrophic nutrition; Site of photosynthesis take place; pigments involved in Photosynthesis (Elementary idea); Photochemical and biosynthetic phases of

photosynthesis; Cyclic and non cyclic and photophosphorylation; Chemiosmotic hypothesis; Photorespiration C3 and C4 pathways; Factors affecting photosynthesis.

- Respiration: Exchange gases; Cellular respiration-glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); Energy relations- Number of ATP molecules generated; Amphibolic pathways; Respiratory quotient.
- Plant growth and development: Seed germination; Phases of Plant growth and plant growth rate; Conditions of growth; Differentiation, dedifferentiation and redifferentiation; Sequence of developmental process in a plant cell; Growth regulators-auxin, gibberellin, cytokinin, ethylene, ABA; Seed dormancy; Vernalisation; Photoperiodism.

#### UNIT V: Human Physiology

- Digestion and absorption; Alimentary canal and digestive glands; Role of digestive enzymes and gastrointestinal hormones; Peristalsis, digestion, absorption and assimilation of proteins, carbohydrates and fats; Caloric value of proteins, carbohydrates and fats; Egestion; Nutritional and digestive disorders – PEM, indigestion, constipation, vomiting, jaundice, diarrhea.
- Breathing and Respiration: Respiratory organs in animals (recall only); Respiratory system in humans; Mechanism of breathing and its regulation in humans-Exchange of gases, transport of gases and regulation of respiration Respiratory volumes; Disorders related to respiration-Asthma, Emphysema, Occupational respiratory disorders.
- Body fluids and circulation: Composition of blood, blood groups, coagulation of blood; Composition of lymph and its function; Human circulatory system-Structure of human heart and blood vessels; Cardiac cycle, cardiac output, ECG, Double circulation; Regulation of cardiac activity; Disorders of circulatory system-Hypertension, Coronary artery disease, Angina pectoris, Heart failure.
- Excretory products and their elimination: Modes of excretion- Ammonotelism, ureotelism, uricotelism; Human excretory system-structure and function; Urine formation, Osmoregulation; Regulation of kidney function-Renin-angiotensin, Atrial Natriuretic Factor, ADH and Diabetes insipidus; Role of other organs in excretion; Disorders; Uraemia, Renal failure, Renal calculi, Nephritis; Dialysis and artificial kidney.
- Locomotion and Movement: Types of movement- ciliary, flagellar, muscular; Skeletal muscle- contractile proteins and muscle contraction; Skeletal system and its functions (To be dealt with the relevant practical of Practical syllabus); Joints; Disorders of muscular and skeletal system-Myasthenia gravis, Tetany, Muscular dystrophy, Arthritis, Osteoporosis, Gout.
- Neural control and coordination: Neuron and nerves; Nervous system in humans-central nervous system, peripheral nervous system and visceral nervous system; Generation and conduction of nerve impulse; Reflex action; Sense organs; Elementary structure and function of eye and ear.
- Chemical coordination and regulation: Endocrine glands and hormones; Human endocrine system- Hypothalamus, Pituitary, Pineal, Thyroid, Parathyroid, Adrenal, Pancreas, Gonads; Mechanism of hormone action (Elementary Idea); Role of hormones as messengers and regulators, Hypo- and hyperactivity and related disorders (Common disorders e.g. Dwarfism, Acromegaly, Cretinism, goiter, exophthalmic goiter, diabetes, Addison's disease).

*(Imp: Diseases and disorders mentioned above to be dealt in brief.)*

## **BIOLOGY: CONTENTS OF CLASS XII SYLLABUS**

### **UNIT I: Reproduction**

- Reproduction in organisms: Reproduction, a characteristic feature of all organisms for continuation of species; Modes of reproduction – Asexual and sexual; Asexual reproduction; Modes-Binary fission, sporulation, budding, gemmule, fragmentation; vegetative propagation in plants.
- Sexual reproduction in flowering plants: Flower structure; Development of male and female gametophytes; Pollination-types, agencies and examples; Outbreeding devices; Pollen-Pistil interaction; Double fertilization; Post fertilization events- Development of endosperm and embryo, Development of seed and formation of fruit; Special modes-apomixis, parthenocarpy, polyembryony; Significance of seed and fruit formation.
- Human Reproduction: Male and female reproductive systems; Microscopic anatomy of testis and ovary; Gametogenesis-spermatogenesis & oogenesis; Menstrual cycle; Fertilisation, embryo development upto blastocyst formation, implantation; Pregnancy and placenta formation (Elementary idea); Parturition (Elementary idea); Lactation (Elementary idea).
- Reproductive health: Need for reproductive health and prevention of sexually transmitted diseases (STD); Birth control-Need and Methods, Contraception and Medical Termination of Pregnancy (MTP); Amniocentesis; Infertility and assisted reproductive technologies – IVF, ZIFT, GIFT (Elementary idea for general awareness).

### **UNIT II: Genetics and Evolution**

- Heredity and variation: Mendelian Inheritance; Deviations from Mendelism- Incomplete dominance, Co-dominance, Multiple alleles and Inheritance of blood groups, Pleiotropy; Elementary idea of polygenic inheritance; Chromosome theory of inheritance; Chromosomes and genes; Sex determination-In humans, birds, honey bee; Linkage and crossing over; Sex linked inheritance- Haemophilia, Colour blindness; Mendelian disorders in humans-Thalassemia; Chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.
- Molecular basis of Inheritance: Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central dogma; Transcription, genetic code, translation; Gene expression and regulation- Lac Operon; Genome and human genome project; DNA finger printing.
- Evolution: Origin of life; Biological evolution and evidences for biological evolution from Paleontology, comparative anatomy, embryology and molecular evidence); Darwin's contribution, Modern Synthetic theory of Evolution; Mechanism of evolution-Variation (Mutation and Recombination) and Natural Selection with examples, types of natural selection; Gene flow and genetic drift; Hardy-Weinberg's principle; Adaptive Radiation; Human evolution.

### **UNIT III: Biology and Human Welfare**

- Health and Disease; Pathogens; parasites causing human diseases (Malaria, Filariasis, Ascariasis. Typhoid, Pneumonia, common cold, amoebiasis, ring worm); Basic concepts of immunology-vaccines; Cancer, HIV and AIDS; Adolescence, drug and alcohol abuse.
- Improvement in food production; Plant breeding, tissue culture, single cell protein, Biofortification; Apiculture and Animal husbandry.
- Microbes in human welfare: In household food processing, industrial production, sewage treatment, energy generation and as biocontrol agents and biofertilizers.

#### **UNIT IV: Biotechnology and Its Applications**

- Principles and process of Biotechnology: Genetic engineering (Recombinant DNA technology).
- Application of Biotechnology in health and agriculture: Human insulin and vaccine production, gene therapy; Genetically modified organisms-Bt crops; Transgenic Animals; Biosafety issues-Biopiracy and patents.

#### **UNIT V: Ecology and environment**

- Organisms and environment: Habitat and niche; Population and ecological adaptations; Population interactions-mutualism, competition, predation, parasitism; Population attributes-growth, birth rate and death rate, age distribution.
- Ecosystem: Patterns, components; productivity and decomposition; Energy flow; Pyramids of number, biomass, energy; Nutrient cycling (carbon and phosphorous); Ecological succession; Ecological Services- Carbon fixation, pollination, oxygen release.
- Biodiversity and its conservation: Concept of Biodiversity; Patterns of Biodiversity; Importance of Biodiversity; Loss of Biodiversity; Biodiversity conservation; Hotspots, endangered organisms, extinction, Red Data Book, biosphere reserves, National parks and sanctuaries.
- Environmental issues: Air pollution and its control; Water pollution and its control; Agrochemicals and their effects; Solid waste management; Radioactive waste management; Greenhouse effect and global warming; Ozone depletion; Deforestation; Any three case studies as success stories addressing environmental issues.

**STATE/UNION TERRITORY WISE LIST OF EXAMINATION CITIES FOR NATIONAL ELIGIBILITY CUM  
ENTRANCE TEST (UG) – 2020**

STATE/ U.T	CITY	CITY CODE
ANDAMAN & NICOBAR ISLANDS	PORT BLAIR	1101
ANDHRA PRADESH	GUNTUR	1201
	KURNOOL	1202
	NELLORE	1203
	TIRUPATI	1204
	VIJAYAWADA	1205
	VISAKHAPATNAM	1206
ARUNACHAL PRADESH	ITANAGAR/NAHARLAGUN	1301
ASSAM	DIBRUGARH	1401
	GUWAHATI	1402
	SILCHAR	1403
	TEZPUR	1404
BIHAR	GAYA	1501
	PATNA	1502
CHANDIGARH	CHANDIGARH/MOHALI/PANCHKULA	1601
CHHATTISGARH	BHILAI/DURG/BHILAI NAGAR	1701
	BILASPUR	1702
	RAIPUR	1703
DADRA & NAGAR HAVELI	DADRA & NAGAR HAVELI	1801
DAMAN & DIU	DAMAN	1901
DELHI/NEW DELHI	DELHI/NEW DELHI	2001
GOA	PANAJI/MADGAON/MARGAO	2101
GUJARAT	AHMEDABAD	2201
	ANAND	2202
	BHAVNAGAR	2203
	GANDHINAGAR	2204
	GODHARA	2205
	PATAN	2206
	RAJKOT	2207
	SURAT	2208
	VADODARA	2209
	VALSAD	2210
HARYANA	FARIDABAD	2301
	GURUGRAM	2302
HIMACHAL PRADESH	HAMIRPUR	2401
	SHIMLA	2402
JAMMU & KASHMIR	JAMMU	2501
	SRINAGAR	2502
JHARKHAND	BOKARO	2601
	JAMSHEDPUR	2602
	RANCHI	2603
KARNATAKA	BELGAUM/BELGAVI	2701



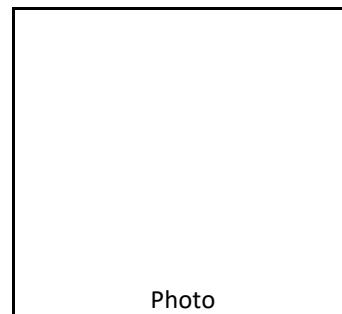
	BENGALURU	2702
	DAVANAGERE	2703
	DHARWAD	2704
	GULBARGA/KALABURGI	2705
	HUBLI	2706
	MANGALURU	2707
	MYSURU	2708
	UDUPI	2709
KERALA	ALAPPUZHA	2801
	ANGAMALY	2802
	ERNAKULAM	2803
	KANNUR	2804
	KASARAGOD	2805
	KOLLAM	2806
	KOTTAYAM	2807
	KOZHIKODE/CALICUT	2808
	MALAPPURAM	2809
	PALAKKAD	2810
	THIRUVANANTHAPURAM	2811
	THRISSUR	2812
LADAKH	LEH	4701
LAKSHADWEEP	KAVARATTI	2901
MADHYA PRADESH	BHOPAL	3001
	GWALIOR	3002
	INDORE	3003
	JABALPUR	3004
	UJJAIN	3005
MAHARASHTRA	AHMEDNAGAR	3101
	AKOLA	3102
	AMRAVATI	3103
	AURANGABAD (MR)	3104
	BEEED	3105
	BULDHANA	3106
	JALGAON	3107
	KOLHAPUR	3108
	LATUR	3109
	MUMBAI	3110
	NAGPUR	3111
	NANDED	3112
	NASHIK	3113
	NAVI MUMBAI	3114
	PUNE	3115
	SATARA	3116
	SOLAPUR	3117
	THANE	3118
MANIPUR	IMPHAL	3201
MEGHALAYA	SHILLONG	3301

<b>MIZORAM</b>	AIZAWL	<b>3401</b>
<b>NAGALAND</b>	DIMAPUR	<b>3501</b>
	KOHIMA	<b>3502</b>
<b>ODISHA</b>	ANGUL	<b>3601</b>
	BALASORE/BALESWAR	<b>3602</b>
	BERHAMPUR	<b>3603</b>
	BHUBANESHWAR	<b>3604</b>
	CUTTACK	<b>3605</b>
	ROURKELA	<b>3606</b>
	SAMBALPUR	<b>3607</b>
<b>PUDUCHERRY</b>	PUDUCHERRY	<b>3701</b>
<b>PUNJAB</b>	AMRITSAR	<b>3801</b>
	BATHINDA	<b>3802</b>
	JALANDHAR	<b>3803</b>
	LUDHIANA	<b>3804</b>
	PATIALA	<b>3805</b>
<b>RAJASTHAN</b>	AJMER	<b>3901</b>
	BIKANER	<b>3902</b>
	JAIPUR	<b>3903</b>
	JODHPUR	<b>3904</b>
	KOTA	<b>3905</b>
	UDAIPUR	<b>3906</b>
<b>SIKKIM</b>	GANGTOK	<b>4001</b>
<b>TAMIL NADU</b>	CHENNAI	<b>4101</b>
	COIMBATORE	<b>4102</b>
	CUDDALORE	<b>4103</b>
	KANCHIPURAM	<b>4104</b>
	KARUR	<b>4105</b>
	MADURAI	<b>4106</b>
	NAGERCOIL	<b>4107</b>
	NAMAKKAL	<b>4108</b>
	SALEM	<b>4109</b>
	THANJAVUR	<b>4110</b>
	THIRUVALLUR	<b>4111</b>
	TIRUCHIRAPPALLI	<b>4112</b>
	TIRUNELVELI	<b>4113</b>
	VELLORE	<b>4114</b>
<b>TELANGANA</b>	HYDERABAD	<b>4201</b>
	KARIMNAGAR	<b>4202</b>
	KHAMMAM	<b>4203</b>
	RANGAREDDY	<b>4204</b>
	WARANGAL	<b>4205</b>
<b>TRIPURA</b>	AGARTALA	<b>4301</b>
<b>UTTAR PRADESH</b>	AGRA	<b>4401</b>
	ALLAHABAD/PRAYAGRAJ	<b>4402</b>
	BAREILLY	<b>4403</b>
	GHAZIABAD	<b>4404</b>

	GORAKHPUR	4405
	JHANSI	4406
	KANPUR	4407
	LUCKNOW	4408
	MEERUT	4409
	NOIDA/GREATER NOIDA	4410
	VARANASI	4411
UTTARAKHAND	DEHRADUN	4501
	HALDWANI	4502
	ROORKEE	4503
WEST BENGAL	24 PARGANA(NORTH)	4601
	ASANSOL	4602
	BARDHAMAN/BURDWAR	4603
	DURGAPUR	4604
	HOOGHLY	4605
	HOWRAH	4606
	KHARAGPUR	4607
	KOLKATA	4608
	SILIGURI	4609

**SELF-DECLARATION PROFORMA FOR CANDIDATES BELONGING TO UT OF J&K AND LADAKH**

Application no:



I, .....

Son/Daughter of ..... do hereby solemnly affirm and state as follows:

- 1) That I am not eligible to appear for the **Undergraduate Medical Courses** seats in the UT of J&K and Ladakh and hence not eligible to seek admission in Medical/Dental/Ayurveda/Siddha/Unani/Homeopathy Colleges of UT of J&K and Ladakh.
- 2) That I am not domiciled in the UT of J&K and Ladakh.
- 3) That I further declare that the said declaration is made by me on my own after knowing and understanding all the rules and its implications.
- 4) That if above statement of mine is found incorrect at any time, my candidature/ admission in **NEET (UG) - 2020, Undergraduate Medical Courses** be cancelled and legal action as deemed fit may be initiated against me.

Date:

Left hand thumb impression	Signature of Candidate

Name:

Father's Name:

Mother's Name:

Address:

This declaration will be auto generated and submitted online only at the time of filling the online application form by the candidates belonging to UT of J&K and Ladakh and claiming 15% seats under All India Quota.

**STATE MEDICAL EDUCATION DIRECTORATES & OFFICES WHERE COUNSELLING RELATED INFORMATION WILL BE AVAILABLE**

DIRECTORATE GENERAL OF HEALTH SERVICES	15% ALL INDIA QUOTA, CENTRAL INSTITUTIONS, ESIC, BHU & AMU, AFMC AND DEEMED UNIVERSITIES, COUNSELLING
Prof (Dr) B. Srinivas The Assistant Director General (ME), Directorate General Of Health Services Room No.352, 'A' Wing, Nirman Bhawan, New Delhi	Telephone No. : 011-23062493 Fax No. : 011-23061907 Website : www.mcc.nic.in E-Mail ID : aiqpmt-mcc@nic.in
MINISTRY OF AYUSH	15% ALL INDIA QUOTA, CENTRAL INSTITUTIONS, CENTRAL UNIVERSITY, DEEMED UNIVERSITY & NATIONAL INSTITUTES (AYURVEDA/SIDDHA/UNANI/HOMEOPATHY COLLEGES)
The Director (SRKV), Ministry of AYUSH, AYUSH Bhawan, B-Block, GPO Complex, INA, New Delhi- 110023	Telephone No.: 011-24651980 Website: www.aaccc.gov.in Email: Counselling-ayush@gov.in
DETAILS OF STATES/UNION TERRITORIES COUNSELLING AUTHORITIES	85% STATE QUOTA AND SEATS FALLING UNDER STATE/UNION TERRITORY JURISDICTION
<b>ANDAMAN &amp; NICOBAR ISLANDS</b>	
The Director (Health Services), Directorate of Health Services, Andaman & Nicobar Administration, Secretariat, Port Blair-744101	Telephone No. : 03192-233331 Fax No. : 03192-232910 Website : www.dhs.andaman.gov.in E-mail ID : dirdhs.and@nic.in
<b>ARUNACHAL PRADESH</b>	
The Director (Health Services), Directorate of Health Services Govt. of Arunachal Pradesh, Naharlagun, Arunachal Pradesh-791110 Distt. Papumpare	Telephone No. : 0360-2244248 Fax No. : 0360-2244182 Website : http://www.apdhte.nic.in/ E-mail ID : dhsnlg@gmail.com
<b>ASSAM</b>	
The Director of Medical Education Office of the Director of Medical Education, Sixmile, Khanapara, Guwahati, Assam, Pin-781022	Telephone No. : 0361-2366236 Fax No. : 0361-2366236 Website : www.dmeassam.gov.in E-mail ID : dmeassam@gmail.com, dme@assam.gov.in
<b>ANDHRA PRADESH</b>	
The Directorate of Medical Education Old Govt. General Hospital Hanumanceta Amravati, Vijaywada - 520003	Tel. (Off) : 0866-2574065 Fax No. : E-mail ID : dmegoap@yahoo.co.in Website : www.dme.ap.nic.in
<b>BIHAR</b>	
The Director of Medical Education Directorate of Health Services, Department of Health & Family Welfare, Vikas Bhawan Patna-800001, Bihar	Telephone No. : 0612-2234992 Website : http://health.bih.nic.in/ E-mail ID : as-health-bih@nic.in

<b>CHANDIGARH</b>	
The Director Principal Govt. Medical College Hospital, Sector-32, Chandigarh	Telephone No. : 0172-2601023-4321 Fax No. : 0772-2609360 Website : <a href="http://www.gmch.gov.in">www.gmch.gov.in</a> E-mail ID : <a href="mailto:dpgmcc@yahoo.com">dpgmcc@yahoo.com</a>
<b>CHHATTISGARH</b>	
The Director of Medical Education Directorate of Medical Education Old Nurses Hostel, Mantralaya Complex, Raipur-492001, Chhatisgarh	Telephone No. : 0771-4264052, 2221621 Fax No. : 0771-2234451 Website : <a href="http://www.cgdme.in">www.cgdme.in</a> E-mail ID : <a href="mailto:cgdme@rediffmail.com">cgdme@rediffmail.com</a>
<b>DADRA AND NAGAR HAVELI</b>	
The Director of Education 1st Floor, Building No.5, P.W.D. Office Complex, Dadra and Nagar Haveli, Silvassa	Telephone No. : 0260-2630792 Fax No. : 0260-2642006 Website : <a href="http://dnh.nic.in/">http://dnh.nic.in/</a> E-mail ID : <a href="mailto:asde-admn-dnh@nic.in">asde-admn-dnh@nic.in</a>
<b>DAMAN &amp; DIU (UT)</b>	
The Assistant Director (Technical Education) UT Administration of Daman & Diu Government Polytechnic, Varkund, MotaFalia Nani Daman-396210	Telephone No. : 0260-2231707, 2230468 Fax No. : 0260-2251351 Website : <a href="http://daman.nic.in">http://daman.nic.in</a> E-mail ID : <a href="mailto:pers.dd@nic.in">pers.dd@nic.in</a> <a href="mailto:ceodp-dmn-dd@nic.in">ceodp-dmn-dd@nic.in</a>
<b>DELHI</b>	
Guru Gobind Singh Indraprastha University Sector - 16C, Dwarka, New Delhi - 110078	Phone : +91-11-25302170, Fax : +91-11- 25302111 E-Mail Id : <a href="mailto:ggsipu.pr@rediffmail.com">ggsipu.pr@rediffmail.com</a> <a href="mailto:pro@ipu.ac.in">pro@ipu.ac.in</a>
<b>GOA</b>	
The Assistant Director Centralized Admission Division (CAD) Directorate of Technical Education, Alto-Porvorim, Goa-403571	Telephone No. : 0832-2416370 Fax No. : 0832-2413572 Website : <a href="http://www.dtegoa.gov.in">www.dtegoa.gov.in</a> E-mail ID : <a href="mailto:dir-dte.goa@nic.in">dir-dte.goa@nic.in</a>
<b>GUJARAT</b>	
The Dean B.J. Medical College, Asarwa, Ahmedabad Gujarat	Telephone No. : 079-22680074 Fax No. : 079-22683067 Website : <a href="http://www.bjmc.org">www.bjmc.org</a> E-mail ID : <a href="mailto:dean.bjmc@hotmail.com">dean.bjmc@hotmail.com</a>
<b>HARYANA</b>	
The Director Medical Education & Research Haryana Paryatan Bhawan, Bays No.55-58, Sector-2, Panchkula.	Telephone No. : 0172-2560799 Fax No. : 0172-2566556 Website : <a href="http://haryanahealth.nic.in">haryanahealth.nic.in</a> E-mail ID : <a href="mailto:dmer.haryana@gmail.com">dmer.haryana@gmail.com</a>
<b>HIMACHAL PRADESH</b>	
The Director Medical Education & Research, Block No.06, SDA Complex, Kusumti, Shimla-171009.	Telephone No. : 0177-2624895 Fax No. : 0177-2620733 Website : <a href="http://www.hp.gov.in/hpdmer">www.hp.gov.in/hpdmer</a> E-mail ID : <a href="mailto:directorateme@yahoo.com">directorateme@yahoo.com</a>
<b>JAMMU &amp; KASHMIR</b>	
The Director (Health Services) Directorate of Health Services, Jammu Division, Near MLA's Hostel, Jammu Tawi Jammu - 180001	Telephone No. : 0191-2546338 (O) Fax No. : 0191-2549632, 2566599 Website : <a href="http://www.jkhealth.org">http://www.jkhealth.org</a> E-mail ID : <a href="mailto:dhsjammu@rediffmail.com">dhsjammu@rediffmail.com</a>

The Director (Health Services) Directorate of Health Services, Old Secretariat (J & K), Srinagar, Kashmir	Telephone No. : 0194-2452052 (O) Fax No. : 0194-24527313 Website : <a href="http://www.jkhealth.org">http://www.jkhealth.org</a> E-mail ID : <a href="mailto:amarist786@gmail.com">amarist786@gmail.com</a> , <a href="mailto:dhsk76@gmail.com">dhsk76@gmail.com</a>
<b>JHARKHAND</b>	
The Controller of Examination Jharkhand Combined Entrance Competitive Examination Board, Science & Technology Campus, SirkhaToli, Namkum-Tupudana Road, Namkum, Ranchi -834023	Telephone No. : 0651-6999170-71 Fax No. : 0651-2230336 Website : <a href="http://www.jceceb.jharkhand.gov.in">www.jceceb.jharkhand.gov.in</a> E-mail ID : <a href="mailto:jceceboard@gmail.com">jceceboard@gmail.com</a>
<b>KARNATAKA</b>	
Directorate of Medical Education Anand Rao Circle Bangalore-560009	Telephone No. : 080-22870060 Fax No. : 080-22875798 Website : <a href="http://www.karnataka.gov.in/dmekarnataka">http://www.karnataka.gov.in/dmekarnataka</a> E-mail ID : <a href="mailto:dmekarnataka2020@gmail.com">dmekarnataka2020@gmail.com</a>
<b>KERALA</b>	
The Commissioner for Entrance Examinations Vth Floor, Housing Board Buildings, Santhi Nagar, Thiruvananthapuram-695001	Telephone No. : 0471-2332120, 2338487 Fax No. : 0471-2337228 Website : <a href="http://www.cee-kerala.org">www.cee-kerala.org</a> E-mail ID : <a href="mailto:ceekinfo@cee.kerala.gov.in">ceekinfo@cee.kerala.gov.in</a>
<b>LADAKH (UT)</b>	
The Director (Health Services) Directorate of Health Services, Jammu Division, Near MLA's Hostel, Jammu Tawi Jammu - 180001	Telephone No. : 0191-2546338 (O) Fax No. : 0191-2549632, 2566599 Website : <a href="http://www.jkhealth.org">http://www.jkhealth.org</a> E-mail ID : <a href="mailto:dhsjammu@rediffmail.com">dhsjammu@rediffmail.com</a>
<b>LAKSHADWEEP (UT)</b>	
The Director of Education Department of Education UT of Lakshadweep.	Telephone No. : 04896-262241 Fax No. : 04896-262264 Website : <a href="http://www.lakshadweep.nic.in">www.lakshadweep.nic.in</a> E-mail ID : <a href="mailto:lk-doe@hub.nic.in">lk-doe@hub.nic.in</a>
<b>MAHARASHTRA</b>	
COMMISSIONERATE, STATE COMMON ENTRANCE TEST CELL 8 <sup>th</sup> Floor, New Excelsior Building, A. K. Nayak Marg, Fort, Mumbai-400001	Telephone No. : 022-22016157/59/53, 022-22016134/19/28 Website : <a href="http://www.mahacet.org">www.mahacet.org</a> E-mail ID : <a href="mailto:maharashtra.cetcell@gmail.com">maharashtra.cetcell@gmail.com</a>
<b>MIZORAM</b>	
The Director Higher & Technical Education, Govt. of Mizoram, Mcdonald Hill, Zarkawt, Aizawl, Mizoram	Telephone No. : 0389-2340926 Fax No. : 0389-2340927 Website : <a href="http://healthmizoram.nic.in">http://healthmizoram.nic.in</a> E-mail ID : <a href="mailto:director_htemz@yahoo.com">director_htemz@yahoo.com</a>
<b>MADHYA PRADESH</b>	
The Director Directorate of Medical Education, Satpura Bhawan, Bhopal, Madhya Pradesh	Telephone No. : 0755-2551307, 2551719 Website : <a href="http://www.medicaleducation.mp.gov.in">www.medicaleducation.mp.gov.in</a> E-mail ID : <a href="mailto:dme12001@yahoo.com">dme12001@yahoo.com</a>
<b>MANIPUR</b>	
The Director, (Medical Education) Directorate of Health Services, Imphal, Manipur	Telephone No. : 0385-2411484, 2414629 Fax No. : 0364-2414625 Website : <a href="http://rims.edu.in">http://rims.edu.in</a> E-mail ID : <a href="mailto:director@rims.edu.in">director@rims.edu.in</a>



<b>MEGHALAYA</b>	
The Commissioner & Secretary Health & Family Welfare, Meghalaya Secretariat, Addl. Building, R.No.315, Shillong-793001 Meghalaya	Telephone No. : 0364-2223760 Website : <a href="http://www.meghealth.gov.in">www.meghealth.gov.in</a> E-mail ID : <a href="mailto:kmarb2007@gmail.com">kmarb2007@gmail.com</a>
<b>NAGALAND</b>	
The Director Directorate of Technical Education, Kohima, Nagaland	Telephone No. : 0370-2270409 Fax No. : 0370-2270409 Website : <a href="http://www.dtenagaland.org.in">www.dtenagaland.org.in</a> E-mail ID : <a href="mailto:directech.edu-ng@nic.in">directech.edu-ng@nic.in</a> <a href="mailto:mhasetonakro@yahoo.com">mhasetonakro@yahoo.com</a>
<b>ODISHA</b>	
The Chairman Odisha Joint Entrance Examination JEE Cell, Gandamunda, Khandagiri, Dist. Khurda, Bhubaneshwar-751030	Telephone No. : 0674-6552455-58 Fax No. : 0674-2352457 Website : <a href="http://www.odishajee.com">www.odishajee.com</a> , <a href="http://www.ojee.nic.in">www.ojee.nic.in</a> E-mail ID : <a href="mailto:odishajee2015@gmail.com">odishajee2015@gmail.com</a>
<b>PUDUCHERRY (UT)</b>	
The Director (Health) Directorate of Medical & F.W. Services, Housing Board Building, Opposite LIC, Health Department Complex, Puducherry-605001	Telephone No. : 0413-2229355 (O) Fax No. : 0413-2339351 Website : <a href="http://health.puducherry.gov.in">http://health.puducherry.gov.in</a> E-mail ID : <a href="mailto:dms.pon@nic.in">dms.pon@nic.in</a>
<b>PUNJAB</b>	
The Vice-Chancellor Baba Farid University of Health Sciences, Sadiq Road, Faridkot-151203 (Punjab)	Telephone No. : 01639-256232, 256236, 257883-84 Fax No. : 01639-256234, 01639-256235 Website : <a href="http://www.bfuhs.ac.in">www.bfuhs.ac.in</a> E-mail ID : <a href="mailto:generalinfo@bfuhs.ac.in">generalinfo@bfuhs.ac.in</a>
<b>RAJASTHAN</b>	
The Secretary (Medical Education) Directorate of Medical Education Govt. Secretariat Building, C-Scheme, Jaipur	Telephone No. : 0141-2227132 Fax No. : 0141-2227797 Website : <a href="http://www.medicaleducation.rajasthan.gov.in">www.medicaleducation.rajasthan.gov.in</a> E-mail ID : <a href="mailto:phsrajasthan@gmail.com">phsrajasthan@gmail.com</a>
<b>SIKKIM</b>	
The Secretary Human Resource Development Department, Govt. of Sikkim, Tashiling, Gangtok – 737103	Tel. (Off) : 03592-203050 03592-221611 Fax No. : 03592-221611 Website : <a href="http://sikkimhrdd.org">sikkimhrdd.org</a> E-mail ID : <a href="mailto:techedusk@gmail.com">techedusk@gmail.com</a>
<b>TAMIL NADU</b>	
The Director (Public Health and Preventive Medicine) Directorate of Health Services, 359, Anna Salai, Teynampet,   Chennai-600006	Telephone No. : 044-24320802 Fax No. : 044-24323942 Website : <a href="http://www.tnhealth.org">http://www.tnhealth.org</a> E-mail ID : <a href="mailto:dphpm@rediffmail.com">dphpm@rediffmail.com</a>
<b>TELANGANA</b>	
The Director of Health Directorate of Medical Education DM&HS Campus Koti, Hyderabad	Tel. (Off) : 040-24602514-16 Fax No. : 040-24656909, 24600769 E-mail ID : <a href="mailto:dmetelangana.gov.in">dmetelangana.gov.in</a> Website : <a href="mailto:dmetelangana@gmail.com">dmetelangana@gmail.com</a>

<b>TRIPURA</b>	
The Director (Medical Education) 2 <sup>nd</sup> Floor Tripura AIDS Controll Society Building Opp. IGM Hospital Agartala, Tripura-799001	Telephone No. : 0381-2325232 (O) Fax No. : 0381-2325232 Website : <a href="http://www.tripurahealthservices.in">http://www.tripurahealthservices.in</a> E-mail ID : directormetripura@gmail.com
<b>UTTRAKHAND</b>	
The Director General Directorate of Medical Education, 107, Chander Nagar, Dehradun, Uttrakhand.	Telephone No. : 0135-2723026, 2723028 Fax No. : 0135-2723027 Website : <a href="http://www.ua.nic.in">www.ua.nic.in</a> E-mail ID : <a href="mailto:medicaleducation11@gmail.com">medicaleducation11@gmail.com</a>
<b>UTTAR PRADESH</b>	
The Director General (Medical Education & Training) 6th Floor, Jawahar Bhawan, Ashok Marg, Lucknow (UP)	Telephone No. : 0522-2287653 Fax No. : 0522-2288193 Website : <a href="http://www.updgm.in">www.updgm.in</a> E-mail ID : <a href="mailto:dgmededu@gmail.com">dgmededu@gmail.com</a>
<b>WEST BENGAL</b>	
The Chairman Central Selection Committee Medical College, 88, College Street, Kolkata-700 073.	Telephone No. : 033-22123853, 22551633 Fax No. : 033-22123770 Website : <a href="http://medicalcollegekolkata.org">medicalcollegekolkata.org</a> . E-mail ID : <a href="mailto:lahiritapan@yahoo.co.in">lahiritapan@yahoo.co.in</a>
<b>AFMC, PUNE</b>	
The Nodal Officer Room No.48A, 'M' Block, DGAFMS/DG-1D, Ministry of Defence, New Delhi	Telephone No. : 011-23092349 Fax No. : 011-23092562/23092992 Website : <a href="http://www.afmc.nic.in">www.afmc.nic.in</a> , <a href="http://www.afmcdg1d.gov.in">www.afmcdg1d.gov.in</a> E-mail ID : <a href="mailto:oicexams.afmc@nic.in">oicexams.afmc@nic.in</a> <a href="mailto:afmcdg1d@nic.in">afmcdg1d@nic.in</a> , <a href="mailto:ojcadmission@gmail.com">ojcadmission@gmail.com</a>
<b>DELHI UNIVERSITY</b>	
The Dean Faculty of Medical Sciences, VPCI Building, 6th Floor, University of Delhi, Delhi-110 007	Telephone No. : 011-27662764, 27667647, 27662208 Fax No. : 011-27662763 Website : <a href="http://www.fmssc.ac.in">www.fmssc.ac.in</a> E-mail ID : <a href="mailto:dean-medical@du.ac.in">dean-medical@du.ac.in</a>
<b>AIIMS</b>	
The Dean All India Institute of Medical Sciences Ansari Nagar, New Delhi - 110029	Telephone No. : +91-11-26588500 / 26588700 Website : <a href="https://www.aiims.edu/en.html">https://www.aiims.edu/en.html</a> E-mail ID : <a href="mailto:dean@aiims.edu">dean@aiims.edu</a>
<b>JIPMER, Puducherry</b>	
The Dean (Academic) III- Floor, Academic Section, JIPMER Academic Centre, Dhanvantri Nagar P.O, Puducherry-605006	Telephone No. : 0413-2296002, 0413-2272901 Website : <a href="http://jipmer.edu.in/">http://jipmer.edu.in/</a> E-mail ID : <a href="mailto:pankajkundra@gmail.com">pankajkundra@gmail.com</a>

**LIST OF STATE/ UNION TERRITORY CODES OF NEET (UG) – 2020**

Candidates are required to indicate the State/UT Code from the following list of Codes. Foreign Nationals/OCI/PIO will select the name of their country at the appropriate place:

<b>Name of the State/UT</b>	<b>Code No.</b>
Jammu & Kashmir	01
Himachal Pradesh	02
Punjab	03
Chandigarh	04
Uttarakhand	05
Haryana	06
Delhi	07
Rajasthan	08
Uttar Pradesh	09
Bihar	10
Sikkim	11
Arunachal Pradesh	12
Nagaland	13
Manipur	14
Mizoram	15
Tripura	16
Meghalaya	17
Assam	18
West Bengal	19
Jharkhand	20
Odisha	21
Chhattisgarh	22
Madhya Pradesh	23
Gujarat	24
Daman & Diu	25
Dadra & Nagar Haveli	26
Maharashtra	27
Andhra Pradesh	28
Karnataka	29
Goa	30
Lakshadweep	31
Kerala	32
Tamil Nadu	33
Puducherry	34
Andaman & Nicobar Islands	35
Telangana	36
Ladakh	37

**LIST OF CODE OF OCCUPATION, QUALIFICATION & INCOME (FOR FATHER'S/ GUARDIAN'S/ MOTHER'S) OF  
NEET (UG) - 2020**

<u>List of Code of Occupation</u>		<u>List of Code of Income</u>		
Occupation	Code	Income		Code
Agriculture	01	Upto Rs. 50000		01
Business	02			
Medical	03	Rs.50001 - 1,00,000		02
Engineering	04	Rs.100001 - 200000		03
Law practice	05	Rs. 200001 - 500000		04
Government service	06			
Public sector service	07	Rs. 500001 - 650000		05
Private service	08	Rs. 650001 - 800000		06
Teaching/research	09	Rs. 800001 and above		07
Other(including house wife)	10			
<u>List of Code of Qualification</u>		<u>List of Category</u>		
Qualification	Code			
Illiterate	01			
Below class X	02	Code	Name	
Class X and class XII	03	1	SC	
Diploma in Engineering	04	2	ST	
Graduate – BA/BSc/BCom/BCA	05	3	OBC-NCL	
Engineering Graduate – BE/BTech/BSc(Engg)	06	4	GEN-EWS	
Medicine Graduate – MBBS/BDS/BAMS/BSMS/BUMS/BHMS/BUMS/BVSc	07	5	GENERAL	
Law Graduate – LLB	08			
Post graduate – MA/MSc/MCom/MCA	09			
Engineering Post Graduate – ME/MTech/MSc(Tech)	10			
Medical Post Graduate – MD/MS/MVSc	11			
Law Post Graduate – LLM	12			
MBA/CA/ICWA	13			
PhD/DPhil/DSc/DM	14			

## LIST OF CODES OF THE SCHOOL EDUCATION BOARDS OF CLASS XII

BOARDS	CODES
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 & 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
Council of Higher Secondary Education, Odisha	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
Jamia Milia Islamia, New Delhi	30
Aligarh Muslim University, Aligarh	31
Dayalbagh Education Institute, Agra	32
Banasthali Vidyapeeth, Rajasthan	33
Vishwa Bharti University, Shantiniketan, Birbhum, West Bengal	34
Rajiv Gandhi University of Knowledge Technologies, Hyderabad	35
Telangana State Board of Intermediate Education	42
Other	99

**DETAILS OF MEDICAL/DENTAL/AYURVEDA/SIDDHA/UNANI/HOMEOPATHY COLLEGES**

- The list of Medical Colleges is available on website <http://www.mciindia.org/>.
- The list of Dental Colleges is available on website <http://www.dciindia.org.in/>.
- The list of Ayurveda/Siddha/Unani/Homeopathy Colleges is available on website <http://www.ayush.gov.in> , [www.ccimindia.org](http://www.ccimindia.org) and [www.cchindia.com](http://www.cchindia.com).

**CERTIFICATE OF DISABILITY**

(As per MCI Gazette Notification No. MCI-18(1)/2018-Med./187262 dated 5<sup>th</sup> Feb, 2019/14<sup>th</sup> May, 2019 for Admission to Medical Courses in All India Quota)

Certificate No. \_\_\_\_\_ Dated \_\_\_\_\_

Name of the Designated Centre (as per Appendix IX-A) : \_\_\_\_\_

This is to certify that Dr./Mr./Ms. \_\_\_\_\_

Aged \_\_\_\_\_

Years Son/Daughter of Mr. \_\_\_\_\_

R/o \_\_\_\_\_

Affix Passport size Photograph of the candidate (same as uploaded on

NEET Application no. \_\_\_\_\_ NEET Roll no. \_\_\_\_\_

Rank No. \_\_\_\_\_ has the following Disability (Name of the Specified Disability) \_\_\_\_\_ in (percentage) of \_\_\_\_\_ (in words) \_\_\_\_\_ (in Figures).

- Please tick on the "Specified Disability"

(Assessment may be done on the basis of Gazette of India. Extraordinary, Part-II, Section 3 Sub-section (ii), Ministry of Social Justice and Empowerment)

S/No.	Disability Type	Type of Disability	Specified Disability
1.	Physical Disability	A. Locomotor Disability* B. Visual Impairment* C. Hearing Impairment* D. Speech & Language Disability	a. Leprosy cured person, b. Cerebral Palsy, c. Dwarfism, d. Muscular Dystrophy, e. Acid attack Victims, f. other such as Amputation, Poliomyelitis a. Blindness b. Low Vision a. Deaf b. Hard of hearing a. Organic/Neurological causes
2.	Intellectual Disability		a. Specific Learning Disability (Perceptual disabilities, Dyslexia, Dyscalculia, Dyspraxia & Development Aphasia b. Autism Spectrum Disorders
3.	Mental Behaviour		a. Mental illness
4.	Disability caused due to	a. Chronic Neurological Conditions b. Blood Disorders	i. Multiple Sclerosis ii. Parkinsonism i. Haemophilia, ii. Thalassemia, iii. Sickle Cell Disease
5.	Multiple Disability including Deaf Blindness		More than one of the above specified disabilities

- **Conclusion:** He/She is **Eligible/Not Eligible** for admission in Medical/Dental courses as per the MCI Gazette Notification subject to his being otherwise medically fit.

❖ Functional competency with the aid of **Assistive devices** in case of **Locomotor\*/Visual\*/Hearing\* Impairment**, if any

Sign. & Name \_\_\_\_\_  
(Concerned Specialist)

Sign. & Name \_\_\_\_\_  
(Concerned Specialist)

Sign. & Name \_\_\_\_\_  
(Concerned Specialist)

**LIST OF CENTRES FOR DISABILITY CERTIFICATE**

List of Centers from where Disability Certificates can be obtained as per 21 Benchmark Disability given under RPWD Act-2016.

S.No.	Disability Certificate Issuing Centres	City/State
1.	<i>Vardhman Mahavir Medical College &amp; Safdarjung Hospital, New Delhi – 110029</i>	<b>DELHI/NEW DELHI</b>
2.	<i>All India Institute of Physical Medicine and Rehabilitation (for Locomotor Disability only), Hazi Ali, Mumbai – 100034.</i>	<b>MUMBAI</b>
3.	<i>Institute of Post Graduate Medical Education &amp; Research, Kolkata – 700020</i>	<b>KOLKATA</b>
4.	<i>Madras Medical College, Park Town, Chennai – 600003</i>	<b>CHENNAI</b>
5.	<i>Grant Government Medical College, J. J. Hospital Compound, Mumbai, Maharashtra</i>	<b>MUMBAI, MAHARASHTRA</b>
6.	<i>Goa Medical College, NH 17, Bambolim, Tiswadi, Goa-403202</i>	<b>GOA</b>
7.	<i>Government Medical College, Medical College PO, Thiruvananthapuram, Kerala State, India PIN - 695 011</i>	<b>THIRUVANANTHAPURAM, KERALA</b>
8.	<i>SMS Medical College, Jawahar Lal Nehru Marg, Gangawal Park, Adarsh Nagar, Jaipur, Rajasthan 302004</i>	<b>JAIPUR, RAJASTHAN</b>
9.	<i>Govt. Medical College and Hospital, Sector 32, Chandigarh</i>	<b>CHANDIGARH</b>
10.	<i>Govt. Medical College, Agartala, State Disability Board, Agartala, Tripura</i>	<b>AGARTALA, TRIPURA</b>
11.	<i>Institute of Medical Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh</i>	<b>VARANASI, UTTAR PRADESH</b>
12.	<i>JIPMER Academic Centre, Dhanvantri Nagar P.O., Puducherry-605006</i>	<b>PUDUCHERRY</b>