



TRISHUL DEFENCE ACADEMY

A Military Point

The National Eligibility-cum-Entrance Test (NEET)

Indian Army

MNS

Through NEET (UG) 2022 Examination

NEET (UG) is being conducted by the National Testing Agency (NTA) since 2019 with the approval of the Ministry of Health and Family Welfare and the Ministry of Human Resource Development (which is now known as the Ministry of Education), for admission to the undergraduate medical education in all medical institutions, including those governed under any other law in force

Exam Pattern

The entrance Test shall consist of 200 multiple choice questions (four options with a single correct answer) from Physics, Chemistry and Biology (Botany & Zoology). 50 questions in each subject will be divided into two sections (A and B) as per the details given below:

Section A shall consist of 35 (Thirty-five) Questions in each subject (Question Nos. – 1 to 35, 51 to 85, 101 to 135 and 151 to 185). All questions are compulsory.

Section B shall consist of 15 (Fifteen) Questions in each subject (Question Nos. – 36 to 50, 86 to 100, 136 to 150 and 186 to 200). In Section B, a candidate needs to attempt any 10 (Ten) questions out of 15 (Fifteen) in each subject.

There will be Negative Marking for both Sections i.e., Section A and Section B.

The candidate is required to attempt only 180 out of 200 MCQs.

The cutoff must be lower to MBBS.

Candidates are advised to read all 15 questions in each subject of Section B before they start attempting the question paper. In the event of a candidate attempting more than ten questions, the first ten questions answered by the candidate shall be evaluated.

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 English. In case of any ambiguity in the translation of any of the questions, its English version shall be treated as final.



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Syllabus

Physics

1. Physical world and Measurement
2. Kinematics
3. Laws of Motion
4. Work, Energy and Power
5. Motion of System of Particles and Rigid Body
6. Gravitation
7. Properties of Bulk Matter
8. Thermodynamics
9. Behaviour of Perfect Gas and Kinetic Theory
10. Oscillation and Waves
11. Electrostatics
12. Current Electricity
13. Magnetic Effects of Current and Magnetism
14. Electromagnetic Induction and Alternating Currents
15. Electromagnetic Waves
16. Optics
17. Dual Nature of Matter and Radiation
18. Atoms and Nuclei
19. Electronic Devices

Chemistry

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. States of Matter: Gases and Liquids
6. Thermodynamics
7. Equilibrium
8. Redox Reactions
9. Hydrogen
10. s-Block Element (Alkali and Alkaline earth metals)
11. some p-Block Elements
12. Organic Chemistry – Some Basic Principles and Techniques
13. Hydrocarbons
14. Environmental Chemistry
15. Solid State
16. Solutions
17. Electrochemistry
18. Chemical Kinetics
19. Surface Chemistry
20. General Principles and Process of Isolation of Elements
21. p-Block Elements
22. d and f Block Elements
23. Coordination Compounds
24. Haloalkanes and Haloarenes
25. Alcohols, Phenols and Ethers
26. Aldehydes, Ketones and Carboxylic Acids
27. Organic Compounds Containing Nitrogen
28. Biomolecules
29. Polymer
30. Chemistry in Everyday Life

Biology

1. Diversity in Living World
2. Structural Organisation in Animals and Plants
3. Cell Structure and Function
4. Plant Physiology
5. Human Physiology
6. Reproduction
7. Genetics and Evolution
8. Biology and Human Welfare
9. Biotechnology and Its Applications
10. Ecology and Environment

TRISHUL DEFENCE ACADEMY TRIED & GAVE YOU A COMPREHENSIVE OF MNS SYLLABUS FOR WHICH EFFORTS HAS BEEN MAXIMUM IN PROVIDING THE COMPLETE DETAILS OF MNS SYLLABUS TO MAKE YOUR PREPARATION EASIER & SMARTER.

WISH YOU ALL THE SUCCESS.

JAI HIND