



NEET 2027

Complete Syllabus Guide

Physics • Chemistry • Biology (Botany & Zoology)

Chapter-wise breakdown • Exam pattern • Topics removed in the latest revision • High-weightage chapters • Preparation tips

Important note: As of this guide's preparation, the National Medical Commission (NMC) / National Testing Agency (NTA) had not yet published a separate, official NEET 2027 syllabus document. Based on the latest available NMC notifications, the NEET 2027 syllabus is expected to remain the same as the NMC's 2024-rationalised syllabus that has applied to NEET 2025 and NEET 2026 — 79 chapters drawn from the NCERT Class 11 and Class 12 curriculum. This guide is compiled on that basis. Aspirants should keep checking nmc.org.in and neet.nta.nic.in for the official notification closer to the exam.

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1. About NEET 2027 & This Guide

NEET (National Eligibility cum Entrance Test) is India's single national-level entrance exam for admission to undergraduate medical, dental, AYUSH and related life-science courses. It is conducted by the National Testing Agency (NTA), while the syllabus itself is prescribed by the National Medical Commission (NMC).

The NEET syllabus is built entirely on the NCERT Class 11 and Class 12 textbooks for Physics, Chemistry and Biology. In 2024 the NMC rationalised (streamlined) the earlier 97-chapter syllabus down to 79 chapters by removing a set of topics across all three subjects — this trimmed syllabus has been used for NEET 2025 and NEET 2026, and is expected to continue for NEET 2027 unless NMC issues a fresh revision.

This guide presents that syllabus in a clear, chapter-wise, easy-to-follow format — organised by subject and class — along with the topics that were dropped, the chapters that typically carry the most marks, and a short preparation strategy.

2. NEET 2027 Exam Pattern at a Glance

Detail	Information
Conducting Body	National Testing Agency (NTA)
Syllabus Authority	National Medical Commission (NMC)
Mode of Exam	Pen-and-paper / Computer-based (as notified by NTA)
Total Chapters	79 (Physics + Chemistry + Biology combined)
Total Questions	200 MCQs set, 180 to be attempted
Section split (per subject)	Section A: 35 Qs (compulsory) · Section B: 15 Qs (attempt any 10)
Total Marks	720
Physics	45 questions to attempt — 180 marks
Chemistry	45 questions to attempt — 180 marks
Biology (Botany + Zoology)	90 questions to attempt — 360 marks
Duration	3 hours 20 minutes
Marking Scheme	+4 for correct, −1 for incorrect, 0 for unattempted

Note: Exact exam-day details (mode, number of shifts, exact dates) are announced by NTA in the official Information Bulletin closer to the exam and may vary from year to year — always confirm against neet.nta.nic.in.

3. Physics Syllabus

A total of 20 units, drawn from the NCERT Class 11 and 12 Physics textbooks, spread across the chapters below.

Class 11	Class 12
Physical World & Measurement	Electrostatics
Kinematics (Motion in a Straight Line & a Plane)	Current Electricity
Laws of Motion	Magnetic Effects of Current & Magnetism
Work, Energy and Power	Electromagnetic Induction & Alternating Currents
Motion of System of Particles & Rigid Body (Rotational Motion)	Electromagnetic Waves
Gravitation	Optics (Ray Optics & Wave Optics)
Properties of Bulk Matter (Mechanical Properties of Solids & Fluids)	Dual Nature of Matter & Radiation
Thermodynamics	Atoms and Nuclei
Behaviour of Perfect Gases & Kinetic Theory	Electronic Devices (Semiconductors)
Oscillations & Waves	Experimental Skills

4. Chemistry Syllabus

Chemistry is grouped into Physical, Organic and Inorganic Chemistry, spread across the chapters below.

Class 11	Class 12
Some Basic Concepts of Chemistry	Solutions
Structure of Atom	Electrochemistry
Classification of Elements & Periodicity in Properties	Chemical Kinetics
Chemical Bonding & Molecular Structure	d- and f-Block Elements
States of Matter: Gases & Liquids	Coordination Compounds
Thermodynamics	Haloalkanes & Haloarenes
Equilibrium	Alcohols, Phenols & Ethers
Redox Reactions	Aldehydes, Ketones & Carboxylic Acids
Organic Chemistry — Some Basic Principles & Techniques	Amines
Hydrocarbons	Biomolecules

5. Biology Syllabus

Biology carries the single highest weightage in NEET and is split into Botany and Zoology.

Botany

Class 11	Class 12
The Living World	Sexual Reproduction in Flowering Plants
Biological Classification	Molecular Basis of Inheritance
Plant Kingdom	Principles of Inheritance & Variation
Morphology of Flowering Plants	Microbes in Human Welfare
Anatomy of Flowering Plants	Biotechnology — Principles & Processes
Cell — The Unit of Life	Biotechnology & its Applications
Cell Cycle & Cell Division	Organisms & Populations
Photosynthesis in Higher Plants	Ecosystem
Respiration in Plants	Biodiversity & Conservation
Plant Growth & Development	

Zoology

Class 11	Class 12
Animal Kingdom	Human Reproduction
Structural Organisation in Animals	Reproductive Health
Breathing & Exchange of Gases	Evolution
Body Fluids & Circulation	Human Health & Disease
Excretory Products & their Elimination	
Locomotion & Movement	
Neural Control & Coordination	
Chemical Coordination & Integration	

6. Topics Removed in the Latest Syllabus Revision

As part of the 2024 NMC rationalisation, the following topics were dropped from the syllabus. Candidates preparing for NEET 2027 do not need to study these unless a new notification restores them — always cross-check against the official NMC circular closer to the exam.

Physics

- Compound Pendulum and Rolling Motion (selected sub-topics)

Chemistry

- Solid State
- Surface Chemistry
- Polymers
- Chemistry in Everyday Life
- Hydrogen
- s-Block Elements (complete chapter)
- Environmental Chemistry

Biology

- Reproduction in Organisms
- Strategies for Enhancement in Food Production
- Environmental Issues
- Ecological Succession

7. High-Weightage Chapters (Subject-wise)

Based on the pattern of past NEET papers, the chapters below have historically accounted for a disproportionately large share of questions. This is a guide for prioritising revision, not a guarantee of future weightage.

Physics

Topic	Typical Qs	Approx. Marks
Modern Physics (Dual Nature, Atoms, Nuclei)	4–5 Qs	16–20
Optics (Ray & Wave)	4–5 Qs	12–16
Current Electricity	3–4 Qs	12–16
Magnetic Effects & Magnetism	3–4 Qs	12–16
Electrostatics	3 Qs	12

Chemistry

Topic	Typical Qs	Approx. Marks
General Organic Chemistry	4 Qs	16
Chemical Bonding & Molecular Structure	3–4 Qs	12–16
Equilibrium (Physical & Ionic)	3 Qs	12
Coordination Compounds	3 Qs	12
Hydrocarbons	3 Qs	12

Biology

Topic	Typical Qs	Approx. Marks
Human Physiology (combined)	12–14 Qs	48–56
Molecular Basis of Inheritance	8–10 Qs	32–40
Cell (Cycle, Division & Unit of Life)	6–8 Qs	24–32
Principles of Inheritance & Variation	6–7 Qs	24–28

8. Preparation Strategy & Tips

General Approach

- Treat the NCERT textbooks as the primary source for all three subjects — a large share of questions are drawn directly or closely from NCERT lines and diagrams.
- Build a realistic weekly timetable that gives Biology roughly half of your study time, given its 50% weightage, while still practising Physics and Chemistry problems daily.
- Revise on a rolling basis — a short daily recap of what you studied a week ago retains far more than a one-time read.
- Attempt full-length mock tests under timed conditions at least once a week in the final months, and review every mistake rather than just the score.

Physics

- Prioritise conceptual clarity before speed — most errors come from misapplied concepts, not slow calculation.
- Keep a single formula notebook and revise it every few days.
- Practise numerical problems daily rather than only reading theory.

Chemistry

- Physical Chemistry rewards regular numerical practice — treat it like Physics.
- Inorganic Chemistry is largely memory-based — short, frequent revision cycles work better than long single sessions.
- For Organic Chemistry, focus on understanding reaction mechanisms rather than memorising isolated reactions.

Biology

- Go line-by-line through the NCERT text, including in-text examples and diagram labels.
- Redraw key diagrams (cell structures, life cycles, human systems) from memory to test recall.
- Solve previous years' questions chapter-wise to see how NCERT lines are converted into exam questions.

9. Frequently Asked Questions

Q. Has the official NEET 2027 syllabus been released?

Not at the time this guide was prepared. NMC and NTA had not published a separate NEET 2027 syllabus document, so candidates are advised to prepare using the current NMC-notified syllabus (the same one used for NEET 2026), and to watch nmc.org.in and neet.nta.nic.in for any fresh notification.

Q. Is the NEET 2027 syllabus different from NEET 2026?

No change has been announced. The NMC confirmed no changes for NEET 2026, and as of the latest update, no fresh revision for 2027 had been notified either.

Q. How many chapters does the current syllabus have?

79 chapters in total across Physics, Chemistry and Biology, after the 2024 rationalisation reduced the earlier 97-chapter syllabus.

Q. Which subject should I prioritise?

Biology carries the highest weightage (50% of total marks), so it deserves the largest share of study time — but Physics and Chemistry should not be neglected, since a strong score there can meaningfully shift your overall rank.

Q. Is NCERT alone enough for NEET 2027?

NCERT is the foundation and covers the vast majority of what is tested, especially in Biology. Most serious aspirants supplement it with a standard reference book per subject and regular practice of previous years' questions and mock tests.

Disclaimer: This guide is an independently compiled study reference based on the latest publicly available NMC/NTA syllabus information at the time of preparation. It is not an official NMC or NTA publication. Always verify the final syllabus and exam details against the official NEET Information Bulletin before your exam.