

NEET Complete Blueprint 2025

Exam Overview

NEET (National Eligibility cum Entrance Test)

- **Full Form:** National Eligibility cum Entrance Test
 - **Purpose:** Admission to MBBS, BDS, AYUSH, and other medical courses
 - **Conducting Body:** National Testing Agency (NTA)
 - **Mode:** Pen and Paper Based Test (Offline)
 - **Language Options:** 13 languages including English, Hindi, and regional languages
 - **Frequency:** Once per year (typically first Sunday of May)
 - **Eligibility:** Class 12 pass with Physics, Chemistry, Biology/Biotechnology
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NEET 2025 EXAM PATTERN

Paper Structure

Total Questions: 180 multiple-choice questions **Total Marks:** 720 marks

Duration: 180 minutes (3 hours) **Question Type:** Multiple Choice Questions (MCQs) with 4 options each **Medium:** Pen and Paper based (OMR Sheet)

Subject-wise Distribution:

Subject	Questions	Marks	Section Breakdown
Physics	45	180	Section A: 35 + Section B: 15*
Chemistry	45	180	Section A: 35 + Section B: 15*
Botany	45	180	Section A: 35 + Section B: 15*
Zoology	45	180	Section A: 35 + Section B: 15*

***Note:** From Section B, candidates need to attempt only 10 questions out of 15

Section Details:

- **Section A:** 35 compulsory questions per subject
- **Section B:** 15 questions per subject (attempt any 10)
- **Total Compulsory:** $35 \times 4 = 140$ questions
- **Optional:** $10 \times 4 = 40$ questions from Section B
- **Final Attempt:** 180 questions

MARKING SCHEME

NEET 2025 Scoring System:

- **Correct Answer:** +4 marks
- **Incorrect Answer:** -1 mark (negative marking)
- **Unattempted:** 0 marks
- **Maximum Marks:** 720
- **Minimum Qualifying Percentile:**
 - General: 50th percentile
 - OBC/SC/ST: 40th percentile

- PwD: 45th percentile

Score Calculation Formula:

$$\text{Final Score} = (\text{Correct Answers} \times 4) - (\text{Wrong Answers} \times 1)$$

SUBJECT-WISE WEIGHTAGE ANALYSIS

Overall Subject Distribution:

Biology section receives 360 points out of 720, Chemistry section receives 180 points, and Physics section receives 180 points

- **Biology (Botany + Zoology):** 360 marks (50% of total)
- **Chemistry:** 180 marks (25% of total)
- **Physics:** 180 marks (25% of total)

Class-wise Weightage:

- **Class 11:** ~25-30% weightage
 - **Class 12:** ~70-75% weightage
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PHYSICS WEIGHTAGE (45 Questions - 180 Marks)

High Weightage Chapters (6-8 questions):

Class 12 Topics:

- **Current Electricity** (4-5 questions)
- **Magnetism & Magnetic Effects of Current** (4-5 questions)

- Optics (4-5 questions)
- Modern Physics (Atoms & Nuclei) (4-5 questions)
- Electromagnetic Induction (3-4 questions)

Class 11 Topics:

- Mechanics (Laws of Motion, Work Energy Power) (4-5 questions)
- Thermodynamics (3-4 questions)

Medium Weightage Chapters (2-4 questions):

- Waves & Oscillations (3-4 questions)
- Electrostatics (2-3 questions)
- Rotational Motion (2-3 questions)
- Gravitation (2-3 questions)
- Properties of Matter (2-3 questions)

Low Weightage Chapters (1-2 questions):

- Units & Measurements (1 question)
- Kinetic Theory of Gases (1-2 questions)
- Communication Systems (1-2 questions)

CHEMISTRY WEIGHTAGE (45 Questions - 180 Marks)

Physical Chemistry (40% - ~18 questions):

High Weightage:

- Chemical Equilibrium (3-4 questions)

- **Thermodynamics** (2-3 questions)
- **Chemical Kinetics** (2-3 questions)
- **Electrochemistry** (2-3 questions)
- **Solutions** (2-3 questions)

Medium Weightage:

- **Atomic Structure** (2 questions)
- **Chemical Bonding** (2 questions)
- **States of Matter** (1-2 questions)

Organic Chemistry (35% - ~16 questions):

High Weightage:

- **General Organic Chemistry** (2-3 questions)
- **Hydrocarbons** (2-3 questions)
- **Organic Compounds with Functional Groups** (4-5 questions)
- **Biomolecules** (2-3 questions)
- **Polymers** (1-2 questions)

Inorganic Chemistry (25% - ~11 questions):

High Weightage:

- **Periodic Table & Periodicity** (2-3 questions)
- **s-Block Elements** (1-2 questions)
- **p-Block Elements** (3-4 questions)
- **d & f Block Elements** (2-3 questions)

- **Coordination Compounds** (1-2 questions)
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BIOLOGY WEIGHTAGE (90 Questions - 360 Marks)

Botany (45 Questions - 180 Marks):

High Weightage Chapters:

- **Plant Reproduction** (5-6 questions)
- **Plant Physiology** (Photosynthesis, Respiration, Transport) (6-8 questions)
- **Ecology & Environment** (4-5 questions)
- **Cell Biology & Biomolecules** (4-5 questions)

Medium Weightage:

- **Plant Anatomy & Morphology** (3-4 questions)
- **Genetics & Evolution** (3-4 questions)
- **Plant Kingdom** (2-3 questions)

Low Weightage:

- **Biological Classification** (1-2 questions)
- **Diversity in Living World** (1-2 questions)

Zoology (45 Questions - 180 Marks):

High Weightage Chapters:

- **Human Physiology** (12-15 questions)
 - **Digestive System** (2-3 questions)
 - **Respiratory System** (2-3 questions)

- Circulatory System (2-3 questions)
- Excretory System (2-3 questions)
- Nervous System (3-4 questions)
- Endocrine System (2-3 questions)
- **Human Reproduction** (4-5 questions)
- **Genetics & Evolution** (4-5 questions)

Medium Weightage:

- **Animal Kingdom** (3-4 questions)
- **Structural Organization** (2-3 questions)
- **Biotechnology** (2-3 questions)

Low Weightage:

- **Origin of Life** (1-2 questions)
- **Biological Classification** (1-2 questions)

STRATEGIC PREPARATION TIPS

Subject-wise Study Strategy:

Physics Preparation:

1. **Formula Mastery:** Create comprehensive formula sheets
2. **Numerical Practice:** Solve 20-25 numerical problems daily
3. **Conceptual Clarity:** Focus on understanding rather than memorizing
4. **Diagram Practice:** Draw circuit diagrams, ray diagrams accurately

5. **Previous Year Analysis:** Physics questions are often repeated with variations

Chemistry Preparation:

1. **Physical Chemistry:** Master numerical problem-solving techniques
2. **Organic Chemistry:** Learn reaction mechanisms and name reactions
3. **Inorganic Chemistry:** Create colorful charts and memory techniques
4. **NCERT Focus:** 70% questions come directly from NCERT
5. **Periodic Trends:** Memorize periodic table thoroughly

Biology Preparation:

1. **NCERT Bible:** Biology NCERT is extremely important (85-90% from NCERT)
2. **Diagram Practice:** Draw and label diagrams daily
3. **Fact Learning:** Biology requires extensive memorization
4. **Human Physiology Focus:** Maximum weightage subject in Biology
5. **Plant & Animal Life Cycles:** Master all reproductive cycles

Time Management Strategy:

Ideal Time Distribution (3 Hours):

1. **Biology:** 90 minutes (50% marks, highest scoring potential)
2. **Chemistry:** 60 minutes (easier to score than Physics)
3. **Physics:** 45 minutes (requires more time per question)
4. **Review:** 15 minutes

Attempt Strategy:

Recommended Order:

1. **Start with Biology** (confidence booster, maximum marks)
 2. **Move to Chemistry** (mix of easy and moderate questions)
 3. **End with Physics** (most challenging, requires fresh mind)
 4. **Review and fill OMR** (crucial step)
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PREPARATION TIMELINE

12-Month Comprehensive Plan:

Months 1-3 (Foundation Phase):

- Complete Class 11 syllabus revision
- Basic concept building in all subjects
- NCERT thorough reading (1st time)

Months 4-6 (Building Phase):

- Complete Class 12 syllabus
- NCERT thorough reading (2nd time)
- Start previous year question practice

Months 7-9 (Practice Phase):

- Topic-wise test series
- Mock tests (2-3 per week)
- Identify and work on weak areas

Months 10-12 (Mastery Phase):

- Full-length mock tests daily

- Complete revision of all subjects
- Final formula sheets and notes
- Stress management and health focus

Daily Study Schedule (Sample):

- **Morning (4 hours):** Biology (2 hours) + Chemistry (2 hours)
 - **Afternoon (1 hour):** Lunch + Rest
 - **Evening (3 hours):** Physics (2 hours) + Revision (1 hour)
 - **Night (1 hour):** Mock test analysis/Previous year questions
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MOCK TEST & PRACTICE STRATEGY

Mock Test Frequency:

- **6 months before NEET:** 1 mock test per week
- **3 months before NEET:** 2-3 mock tests per week
- **1 month before NEET:** Daily full-length mock tests
- **Last week:** Light revision, no new mock tests

Mock Test Analysis:

1. Spend equal time analyzing as taking the test
 2. Identify silly mistakes and prevent repetition
 3. Note time taken per subject
 4. Track improvement in scores over time
 5. Focus on weak areas identified
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SECTION-WISE ATTEMPT STRATEGY

Biology (90 Questions):

- **Target:** Attempt all 90 questions
- **Accuracy Goal:** 85-90%
- **Time:** 90 minutes
- **Strategy:** Start with confident topics, mark diagrams carefully

Chemistry (45 Questions):

- **Target:** Attempt 40-42 questions
- **Accuracy Goal:** 80-85%
- **Time:** 60 minutes
- **Strategy:** Physical Chemistry numericals first, then Organic, then Inorganic

Physics (45 Questions):

- **Target:** Attempt 35-38 questions
- **Accuracy Goal:** 75-80%
- **Time:** 45 minutes
- **Strategy:** Skip lengthy calculations, focus on concept-based questions

EXPECTED CUTOFF ANALYSIS

NEET 2025 Expected Cutoffs:

Category	Expected Score	Percentile Required
General	600-620	99th percentile

Category	Expected Score	Percentile Required
OBC	580-600	98th percentile
SC	460-480	85th percentile
ST	440-460	80th percentile

Government Medical Colleges:

- AIIMS Delhi: 680-700+ marks
- Top State Colleges: 650-680 marks
- Average Govt Colleges: 580-620 marks

FINAL MONTH STRATEGY

Last 30 Days Plan:

Weeks 1-2: Intensive revision + 1 mock test daily **Weeks 3-4:** Light revision + formula sheets + 1 mock test every 2 days **Week 5:** Only important formulas + maintain exam routine **Last 2 Days:** Complete rest, light reading only

Exam Day Strategy:

1. Reach center 1 hour early
2. Carry admit card, ID proof, stationery
3. Start with Biology (confidence booster)
4. Mark OMR sheet carefully
5. Stay calm and focused throughout

HEALTH & MENTAL PREPARATION

Physical Preparation:

- **Sleep:** Maintain 7-8 hours daily
- **Exercise:** Light physical activity for 30 minutes
- **Diet:** Balanced nutrition, avoid junk food
- **Eyes:** Regular breaks from books/screen

Mental Preparation:

- **Stress Management:** Practice meditation/breathing exercises
 - **Positive Mindset:** Visualize success regularly
 - **Support System:** Stay connected with family and friends
 - **Avoid Comparison:** Focus on personal improvement
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SUCCESS METRICS

Monthly Assessment Parameters:

1. **Mock Test Scores:** Track improvement trend
 2. **Subject-wise Accuracy:** Maintain >80% in Biology, >75% in Chemistry, >70% in Physics
 3. **Time Management:** Complete test within 2.5-2.75 hours
 4. **Silly Mistakes:** Reduce to <5 per test
 5. **Weak Topics:** Convert 2-3 weak topics to strong monthly
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FINAL SUCCESS MANTRAS

1. **Biology is King:** Master Biology for guaranteed 50% marks
 2. **NCERT is Bible:** 85% questions come from NCERT textbooks
 3. **Practice Makes Perfect:** Solve 10,000+ questions before NEET
 4. **Consistency Beats Intensity:** Regular study better than sporadic marathons
 5. **Health First:** No compromise on physical and mental well-being
 6. **Smart Work:** Focus on high-weightage topics first
 7. **Stay Positive:** Believe in yourself and your preparation
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QUICK REFERENCE TABLE

Parameter	Details
Total Questions	180
Total Marks	720
Duration	3 Hours
Marking	+4 for correct, -1 for wrong
Biology Weightage	50% (360 marks)
Chemistry Weightage	25% (180 marks)
Physics Weightage	25% (180 marks)
NCERT Importance	85-90% questions
Qualifying Percentile	50th (General)
Success Rate	~15-20%

Remember: NEET success requires dedicated preparation, strategic planning, and unwavering determination. Focus on Class 12 material for Physics, Chemistry, and Biology, as it carries more weight. Stay consistent, stay healthy, and believe in your dreams of becoming a doctor! 🏠📖

All the Best for NEET 2025! 🎯