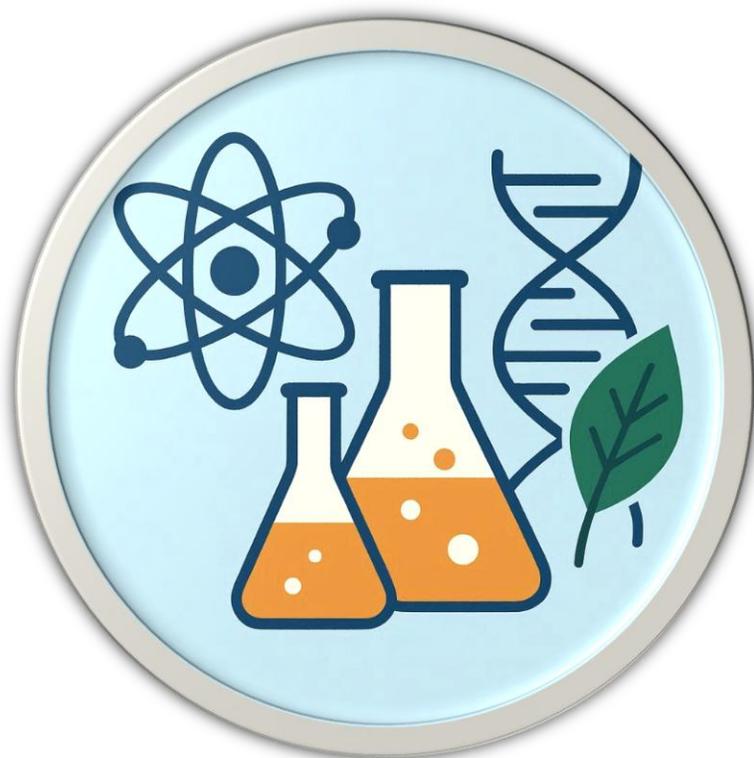


NEET Mock Test Series – 10 Full-Length Papers



With Detailed Solutions & Time-Management Strategies

Publisher: SWAN India Publication

 *Dedication*

*This book is lovingly dedicated to every NEET aspirant,
who believes in practice, perseverance, and time management.*

*To the students who challenge themselves with every test,
to the parents who support them unconditionally,
and to the teachers who inspire with their guidance—
this book is for you.*

*May each mock test bring you closer to your dream of becoming
a doctor.*

★ Time-Management Tips

Managing time is the most important skill in NEET. Even students who know the concepts sometimes lose marks due to poor time allocation. Here is a proven strategy:

◆ **Physics – 45 Questions** → 50 minutes

- Physics usually takes more time due to calculations.
- Focus on **formula-based direct questions** first, then attempt numerical problems.
- Don't get stuck on a single question; if it looks lengthy, mark it and move ahead.

◆ **Chemistry – 45 Questions** → 50 minutes

- Attempt Chemistry after Physics as it balances **speed + accuracy**.
- Start with **Inorganic & NCERT-based theory questions** (quick scoring).
- Keep Organic & lengthy Physical Chemistry questions for later within the section.

◆ **Biology – 90 Questions** → 80 minutes

- Biology is the most scoring part, but also the lengthiest.
- Read questions carefully—many are **NCERT line-based traps**.
- Don't rush; accuracy here decides the rank.

◆ **Last 10 Minutes** – Review & Recheck

- Go back to the questions you marked as doubtful.

- Double-check OMR bubbling—many students lose marks due to mis-bubbling.
- If unsure, use the **elimination method** rather than random guessing.

⚡ **Pro Tip:**

- Always keep a wristwatch during practice.
- Follow the same sequence (Physics → Chemistry → Biology → Review) in all 15 mock tests so your brain is trained for exam day.

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 *Mock Test 1*

Physics (Q1–Q45)

Q1. A body of mass 2 kg is moving with a velocity of 10 m/s. Its kinetic energy is:

- A. 50 J
- B. 100 J
- C. 200 J
- D. 20 J

Q2. If current through a resistor is doubled, power dissipated will become:

- A. Half
- B. Same
- C. Double
- D. Four times

Q3. A convex lens of focal length 20 cm forms an image at 40 cm. The object distance is:

- A. 10 cm
- B. 13.3 cm
- C. 30 cm
- D. 60 cm

Q4. The SI unit of electric charge is:

- A. Ampere
- B. Coulomb
- C. Volt
- D. Joule

Q5. In simple harmonic motion, the acceleration is maximum when:

- A. Displacement = 0
- B. Displacement = maximum
- C. Velocity = maximum
- D. Force = 0

Q6. Escape velocity from Earth surface is approximately:

- A. 7 km/s
- B. 8.9 km/s
- C. 11.2 km/s
- D. 12.5 km/s

Q7. If wavelength of light is doubled, frequency will become:

- A. Half
- B. Double
- C. Same
- D. Four times

Q8. A transformer works on:

- A. DC current
- B. Constant voltage
- C. Mutual induction
- D. Electrolysis

Q9. The half-life of a radioactive element is 10 hours. In 20 hours, its activity will be:

- A. Same
- B. Half
- C. One-fourth
- D. Zero

Q10. A satellite moving close to Earth has orbital velocity nearly:

- A. 5 km/s
- B. 7.9 km/s
- C. 11 km/s
- D. 13 km/s

Q11. In Young's double-slit experiment, if slit separation is doubled, fringe width becomes:

- A. Half
- B. Double
- C. Same
- D. Four times

Q12. A body weighs 100 N on Earth. On Moon, it will weigh nearly:

- A. 100 N
- B. 16.7 N
- C. 60 N
- D. 600 N

Q13. The dimensional formula of work is same as:

- A. Force
- B. Energy
- C. Power
- D. Pressure

Q14. The current in a conductor is due to:

- A. Protons
- B. Electrons
- C. Neutrons
- D. Ions

Q15. SI unit of magnetic flux is:

- A. Weber
- B. Tesla
- C. Henry
- D. Farad

Q16. Which of the following is NOT a unit of energy?

- A. Joule
- B. Calorie

- C. Erg
- D. Tesla

Q17. Focal length of a concave mirror is 20 cm. Object placed at 40 cm. Image formed is:

- A. Real, inverted, same size
- B. Real, inverted, smaller
- C. Virtual, erect, magnified
- D. Real, inverted, magnified

Q18. A proton enters a uniform magnetic field perpendicular to its velocity. Its path will be:

- A. Straight line
- B. Circle
- C. Ellipse
- D. Parabola

Q19. A projectile has maximum range when angle of projection is:

- A. 30°
- B. 45°
- C. 60°
- D. 90°

Q20. The value of acceleration due to gravity (g) is maximum at:

- A. Equator
- B. Poles
- C. Tropic of Cancer
- D. Same everywhere

Q21. Work done in moving a charge in a closed path in an electric field is:

- A. Positive
- B. Negative
- C. Zero
- D. Infinite

Q22. Which of the following is a vector quantity?

- A. Work
- B. Energy
- C. Power
- D. Momentum

Q23. Heat transfer in vacuum takes place by:

- A. Conduction
- B. Convection
- C. Radiation
- D. None

Q24. SI unit of capacitance is:

- A. Henry
- B. Ohm
- C. Farad
- D. Weber

Q25. Which of the following is not an electromagnetic wave?

- A. Light
- B. Sound
- C. Radio waves
- D. X-rays

Q26. For resonance in a series LCR circuit, the condition is:

- A. $XL = XC$
- B. $XL = R$
- C. $R = XC$
- D. $XL = XC = R$

Q27. An object is placed at $2f$ from convex lens. Image formed is:

- A. Virtual, erect, same size
- B. Real, inverted, same size
- C. Real, inverted, magnified
- D. Real, inverted, diminished

Q28. If distance between two masses is halved, gravitational force becomes:

- A. Half
- B. Double
- C. Four times
- D. Same

Q29. SI unit of pressure is:

- A. Pascal
- B. Joule
- C. Newton
- D. Henry

Q30. In a transistor, the input is applied between:

- A. Collector and Base
- B. Base and Emitter
- C. Emitter and Collector
- D. Collector and Ground

Q31. Lens used to correct myopia is:

- A. Convex
- B. Concave
- C. Cylindrical
- D. None

Q32. The binding energy per nucleon is maximum for:

- A. Uranium
- B. Iron
- C. Deuterium
- D. Helium

Q33. Power factor in pure resistive circuit is:

- A. 0
- B. 0.5
- C. 1
- D. ∞

Q34. A body is freely falling. Its velocity after 2 seconds will be:
($g = 10 \text{ m/s}^2$)

- A. 5 m/s
- B. 10 m/s
- C. 15 m/s
- D. 20 m/s

Q35. SI unit of electric field is:

- A. N/C
- B. C/kg
- C. V/A
- D. J/s

Q36. Which physical quantity has no unit?

- A. Strain
- B. Stress
- C. Pressure
- D. Force

Q37. In nuclear fission, energy is released due to:

- A. Conversion of mass into energy
- B. Conversion of energy into mass
- C. Splitting of proton
- D. Splitting of electron

Q38. If the length of pendulum increases, its time period will:

- A. Increase
- B. Decrease
- C. Remain same
- D. Zero

Q39. A wave has frequency 50 Hz and wavelength 2 m. Its speed is:

- A. 25 m/s
- B. 50 m/s

- C. 100 m/s
- D. 200 m/s

Q40. The reciprocal of focal length is called:

- A. Power of lens
- B. Magnification
- C. Intensity
- D. Aperture

Q41. The charge on an electron is approximately:

- A. 1.6×10^{-19} C
- B. 9.1×10^{-31} C
- C. 6.022×10^{23} C
- D. 3×10^8 C

Q42. Which law states that pressure in liquid increases equally in all directions?

- A. Boyle's Law
- B. Pascal's Law
- C. Archimedes' Principle
- D. Newton's Law

Q43. Which mirror is used in car headlights?

- A. Convex
- B. Concave
- C. Plane
- D. Cylindrical

Q44. The nuclear force between nucleons is:

- A. Long range
- B. Short range
- C. Infinite range
- D. None

Q45. A device that converts AC into DC is called:

- A. Rectifier

- B. Amplifier
- C. Oscillator
- D. Transformer



About SWAN India Publication

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