

## NEET Pattern Part & Cumulative Tests

### PHYSICS

### CHEMISTRY

### BIOLOGY

**NPT - 6**

Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics ; Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2 ; Magnetics : Part 1

Solid State ; Solutions ; Electrochemistry ; Chemical Kinetics ; Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids ; Organic Compounds Containing Nitrogen

Reproduction in Organisms ; Sexual Reproduction in Flowering Plants ; Human Reproduction ; Reproductive Health ; Principles of Inheritance and Variation ; Molecular Basis of Inheritance ; Evolution ; Human Health and Diseases ; Strategies for Enhancement in Food Production ; Microbes in Human Welfare ; Biotechnology : Principles and Processes

**NPT - 7**

Magnetics : Part 2 ; Electromagnetic Induction : Part 1 ; Electromagnetic Induction : Part 2

General Principles and Processes of Isolation of Elements ; p-Block Elements (Groups 15 - 18) ; d- & f-Block Elements

Biotechnology and its Applications ; Organisms and Populations ; Ecosystem

**NPT - 8**

Wave Optics ; Electromagnetic Waves and Dual Nature of Radiation and Matter

Coordination Compounds ; Biomolecules

Biodiversity and Conservation ; Environmental Issues

## JEE Main Pattern Part & Cumulative Tests

### PHYSICS

### CHEMISTRY

### MATHS

**MPT - 5**

Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids

Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group - 13, 14)

Properties and Solutions of Triangle ; Statistics ; Matrices ; Determinants

**MPT - 6**

Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics ; Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2 ; Magnetics : Part 1

Solid State ; Solutions ; Electrochemistry ; Chemical Kinetics ; Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids ; Organic Compounds Containing Nitrogen

Relations and Functions ; Inverse Trigonometric Functions ; Limit ; Continuity and Differentiability ; Differentiation ; Monotonicity, Maxima and Minima of Functions ; Application of Derivatives ; Indefinite Integration ; Definite Integration ; Area

**MPT - 7**

Magnetics : Part 2 ; Electromagnetic Induction : Part 1 ; Electromagnetic Induction : Part 2

General Principles and Processes of Isolation of Elements ; p-Block Elements (Groups 15 - 18) ; d- & f-Block Elements

Differential Equations ; Introduction to Probability ; Probability

**MPT - 8**

Wave Optics ; Electromagnetic Waves and Dual Nature of Radiation and Matter

Coordination Compounds ; Biomolecules

Vectors ; Three-Dimensional Geometry

## MHT-CET (PCB) Pattern Part & Cumulative Tests

### PHYSICS

### CHEMISTRY

### BIOLOGY

**CPT(B) - 5**

Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids ; Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics

Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group -13, 14) ; Solid State ; Solutions

Breathing and Exchange of Gases ; Body Fluids and Circulation ; Excretory Products and Their Elimination ; Locomotion and Movement ; Neural Control and Coordination ; Chemical Coordination and Integration ; Reproduction in Organisms ; Sexual Reproduction in Flowering Plants ; Human Reproduction ; Reproductive Health

**CPT(B) - 6**

Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2

Electrochemistry ; Chemical Kinetics Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids

Principles of Inheritance and Variation ; Molecular Basis of Inheritance ; Evolution ; Human Health and Diseases ; Strategies for Enhancement in Food Production ; Microbes in Human Welfare

## MHT-CET (PCM) Pattern Part & Cumulative Tests

### PHYSICS

### CHEMISTRY

### MATHS

**CPT(M) - 5**

Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids ; Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics

Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group -13, 14) ; Solid State ; Solutions

Properties and Solutions of Triangle ; Statistics ; Matrices ; Determinants ; Relations and Functions ; Inverse Trigonometric Functions

**CPT(M) - 6**

Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2

Electrochemistry ; Chemical Kinetics Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids

Limit ; Continuity and Differentiability ; Differentiation ; Monotonicity, Maxima and Minima of Functions ; Application of Derivatives ; Indefinite Integration

## Full Syllabus Tests

NEET	10 Full Syllabus Tests (11 + 12)
JEE Main	10 Full Syllabus Tests (11 + 12)
MHT-CET (PCB)	5 Full Syllabus Tests (11 + 12)
MHT-CET (PCM)	5 Full Syllabus Tests (11 + 12)