

## NEET Pattern Part & Cumulative Tests

### PHYSICS

### CHEMISTRY

### BIOLOGY

**NPT - 1**

Foundation Physics ; Units, Dimensions and Measurement

Some Basic Concepts of Chemistry ; Structure of Atom

The Living World ; Biological Classification ; Plant Kingdom ; Animal Kingdom

**NPT - 2**

Motion in One Dimension ; Motion in Two Dimensions

Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure

Morphology of Flowering Plants ; Anatomy of Flowering Plants ; Structural Organization in Animals

**NPT - 3**

Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction) ; Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions

General Organic Chemistry : Part 1 ; General Organic Chemistry : Part 2 ; Hydrocarbons

Cell : The Unit of Life ; Cell Cycle and Cell Division ; Biomolecules ; Transport in Plants ; Mineral Nutrition ; Photosynthesis in Higher Plants

**NPT - 4**

Foundation Physics ; Units, Dimensions and Measurement ; Motion in One Dimension ; Motion in Two Dimensions ; Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction) ; Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions ; Dynamics of Rigid Body : Part 1 ; Dynamics of Rigid Body : Part 2

Some Basic Concepts of Chemistry ; Structure of Atom ; Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure ; General Organic Chemistry : Part 1 ; General Organic Chemistry : Part 2 ; Hydrocarbons ; States of Matter ; Thermodynamics

The Living World ; Biological Classification ; Plant Kingdom ; Animal Kingdom ; Morphology of Flowering Plants ; Anatomy of Flowering Plants ; Structural Organization in Animals ; Cell : The Unit of Life ; Cell Cycle and Cell Division ; Biomolecules ; Transport in Plants ; Mineral Nutrition ; Photosynthesis in Higher Plants ; Respiration in Plants ; Plant Growth and Development ; Digestion and Absorption

**NPT - 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)

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

**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 ; Magnetism : 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**

Magnetism : 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

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

### PHYSICS

### CHEMISTRY

### BIOLOGY

**CPT(B) - 1**

Foundation Physics ; Units, Dimensions and Measurement

Some Basic Concepts of Chemistry ; Structure of Atom

The Living World ; Biological Classification ; Plant Kingdom ; Animal Kingdom

**CPT(B) - 2**

Motion in One Dimension ; Motion in Two Dimensions ; Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction)

Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure ; General Organic Chemistry : Part 1

Morphology of Flowering Plants ; Anatomy of Flowering Plants ; Structural Organization in Animals ; Cell : The Unit of Life ; Cell Cycle and Cell Division ; Biomolecules

**CPT(B) - 3**

Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions

General Organic Chemistry : Part 2 ; Hydrocarbons

Transport in Plants ; Mineral Nutrition ; Photosynthesis in Higher Plants

**CPT(B) - 4**

Dynamics of Rigid Body : Part 1 ; Dynamics of Rigid Body : Part 2

States of Matter ; Thermodynamics

Respiration in Plants ; Plant Growth and Development ; Digestion and Absorption

**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

## Full Syllabus Tests

NEET  
MHT-CET (PCB)

10 Full Syllabus Tests (11 + 12)  
5 Full Syllabus Tests (11 + 12)