

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

MHT-CET (PCB)

5 Full Syllabus Tests (11 + 12)