

MHT-CET (PCM) Pattern Part & Cumulative Tests

PHYSICS

CHEMISTRY

MATHS

CPT(M) - 1

Foundation Physics ; Units, Dimensions and Measurement

Some Basic Concepts of Chemistry ; Structure of Atom

Sets ; Introduction to Relations and Functions ; Inequalities and Modulus ; Logarithm

CPT(M) - 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

Theory of Equations ; Trigonometric Ratios and Identities ; Trigonometric Equations ; Progression and Series ; Binomial Theorem ; Permutation and Combination

CPT(M) - 3

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

General Organic Chemistry : Part 2 ; Hydrocarbons

Coordinate System and Straight Lines ; Circle

CPT(M) - 4

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

States of Matter ; Thermodynamics

Parabola ; Ellipse ; Hyperbola

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

MHT-CET (PCM)

5 Full Syllabus Tests (11 + 12)