

TEST Syllabus (Students Going To Grade 12th)

PCM

Mathematics Syllabus: (Class 11th)

- Sets
- Relations and Functions
- Trigonometric Functions
- Principle of Mathematical Induction
- Complex Numbers and Quadratic Equations
- Linear Inequalities
- Permutations and Combinations
- Binomial Theorem
- Sequences and Series
- Straight Lines
- Conic Sections
- Introduction to Three Dimensional Geometry
- Limits and Derivatives
- Mathematical Reasoning
- Statistics
- Probability



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Physics Syllabus: (Class 11^h)

- Physical World
- Units and Measurement
- Motion in a Straight Line
- Motion in a Plane
- Laws of Motion
- Work, Energy and Power
- System of Particles and Rotational Motion
- Gravitation
- Mechanical Properties of Solids
- Mechanical Properties of Fluids
- Thermal Properties of Matter
- Thermodynamics
- Kinetic Theory
- Oscillations
- Waves



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Chemistry Syllabus: (Class 11^h) PCM

- Basic Concepts of Chemistry
- Structure of Atom
- Classification of Elements and Periodicity in Properties
- Chemical Bonding and Molecular Structure
- States of Matter
- Thermodynamics
- Equilibrium
- Redox Reactions
- Hydrogen
- The P-Block Elements
- Organic Chemistry
- Hydrocarbons
- Environmental Chemistry



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