



MATHEMATICS

Prescribed books:

1. Mathematics Part I - Textbook for Class XI, NCERT Publication
2. Mathematics Part II - Textbook for Class XI, NCERT Publication

Term 1	Term II
<ul style="list-style-type: none">• Sets• Relations & Functions• Trigonometric Functions• Complex Numbers and Quadratic Equations• Linear Inequalities• Permutations and Combinations• Sequence and Series	<ul style="list-style-type: none">• Straight Lines• Conic Sections• Introduction to Three-dimensional Geometry• Limits and Derivatives• Statistics• Probability

BIOLOGY

Prescribed Books:

1. Biology, Class-XI, Published by NCERT

Term 1	Term II
Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of Flowering Plants Chapter-7: Structural Organization in Animals Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division	Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plants Chapter-15: Plant - Growth and Development Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination Chapter-20: Locomotion and Movement Chapter-21: Neural Control and Coordination Chapter-22: Chemical Coordination and Integration

PHYSICS

Prescribed books:

1. Physics, Class XI, Part -I and II, Published by NCERT.

Term 1	Term II
Chapter–1: Physical World Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation	Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Chapter–12: Thermodynamics Chapter–13: Kinetic Theory Chapter–14: Oscillations Chapter–15: Waves

CHEMISTRY

Prescribed books:

1. Chemistry Part -I, Class-XI, Published by NCERT.
2. Chemistry Part -II, Class-XI, Published by NCERT

Term 1	Term II
<ul style="list-style-type: none">• Unit I: Some Basic Concepts of Chemistry• Unit II: Structure of Atom• Unit III: Classification of Elements and Periodicity in Properties• Unit IV: Chemical Bonding and Molecular Structure• Unit V: States of Matter: Gases and Liquids• Unit VI: Chemical Thermodynamics• Unit VII: Equilibrium	<ul style="list-style-type: none">• Unit VIII: Redox Reactions• Unit IX: Hydrogen• Unit X: s-Block Elements (Alkali and Alkaline Earth Metals)• Unit XI: Some p- Block Elements• Unit XII: Organic Chemistry -Some Basic Principles and Techniques• Unit XIII: Hydrocarbons

