

# AIMSET SYLLABUS



## AIMSET Syllabus for Biology

Topics of Class 11th Biology	Topics of Class 12th Biology
Diversity in Living World	Reproduction
Structural Organization in Animals and Plants	Genetics and Evolution
Human Physiology	Ecology and Environment
Plant Physiology	Biotechnology and Its Applications
Cell Structure and Function	Biology and Human Welfare

## AIMSET Syllabus for Chemistry

Topics of Class 11th Chemistry	Topics of Class 12th Chemistry
Some Basic Concepts of Chemistry	Solid State
Structure of Atom	Chemical Solutions
Classification of Elements and Periodicity in Properties	Electrochemistry
Chemical Bonding and Molecular Structure	Chemical Kinetics
States of Matter: Gases and Liquids	Surface Chemistry
Chemical Equilibrium	General Principles and Processes of Isolation of Elements
Thermodynamics	p Block Element
Redox Reactions	d and f Block Elements
Hydrogen	Coordination Compounds
s-Block Element (Alkali and Alkaline Earth Metals)	Haloalkanes and Haloarenes
Some p-Block Elements	Alcohols, Phenols and Ethers
Organic Chemistry- Some Basic Principles and Techniques	Aldehydes, Ketones and Carboxylic Acids
Hydrocarbons	Organic Compounds Containing Nitrogen
Environmental Chemistry	Biomolecules
	Polymers
	Chemistry in Everyday Life

## **AIMSET Syllabus for Physics**

<b>Topics of Class 11th Physics</b>	<b>Topics of Class 12th Physics</b>
Physical World & Measurement	Electrostatics
Laws of Motion	Current Electricity
Thermodynamics	Magnetic Effects of Current and Magnetism
Oscillations and Waves	Electromagnetic Induction & Alternating Currents
Kinematics	Electromagnetic Waves
Motion of System of Particles & Rigid Body	Optics
Work, Energy, and Power	Dual Nature of Matter and Radiation
Gravitation	Atoms and Nuclei
Properties of Bulk Matter	Electronic Devices
Behaviour of Perfect Gas and Kinetic Theory	