

BIOLOGY

Topics	Class	Topics	Class
		BOTANY	
The Living World	11	The Living World	12
Biological Classification	11	Biological Classification	12
Plant Kingdom	11	Plant Kingdom	12
Animal Kingdom	11	Morphology of Flowering Plants	12
Morphology of Flowering Plants	11	Anatomy of Flowering Plants	12
Anatomy of Flowering Plants	11	Cell - The Unit of Life	12
Structural Organisation in Animals (Frog- 2 Lec., Animal Tissue-9 Lec., Cockroach-4 Lec.)	11	Cell Cycle and Cell Division	12
		Photosynthesis in Higher Plants	12
		Respiration in Plants	12
Cell : The Unit of Life	11	Plant Growth and Development	12
Cell Cycle and Cell Division	11	Sexual Reproduction in Flowering Plants	12
Biomolecule	11	Principles of Inheritance and Variation	12
Photosynthesis in Higher Plants	11	Molecular Basis of Inheritance	12
Respiration in Plants	11	Organisms and Populations	12
Plant Growth and Development	11	Ecosystem	12
Breathing and Exchange of Gases	11	Biodiversity and its Conservation	12
Body Fluid and Circulation	11	Microbes in Human Welfare	12
Excretory Products and Their Elimination	11	Biotechnology - Principles and Processes	12
		Biotechnology and its Application	12
Locomotion and Movement	11	ZOOLOGY	
Neural Control and Coordination	11	Animal Kingdom	12
Chemical Coordination and Integration	11	Structural Organisation in Animals (Frog, Animal Tissue, Cockroach)	12
		Biomolecules	12
		Breathing and Exchange of Gases	12
		Body Fluids and Circulation	12
		Excretory Products and their Elimination	12
		Locomotion and Movement	12
		Neural Control and Coordination	12
		Chemical Coordination and integration	12
		Human Reproduction	12
		Reproductive Health	12
		Evolution	12
		Human Health and Diseases	12

PHYSICS

	Class	Topics	Class
Units and Dimensions	11	Units and Dimensions	12
Basic Maths	11	Basic maths	12
Error	11	Error	12
Vector	11	Vector	12
Calculus	11	Calculus	12
One -D motion	11	One -D motion	12
Motion In Plane		Motion in plane	
NLM + Friction	11	NLM+Friction	12
Circular Motion	11	Circular Motion	12
WPE	11	WPE	12
Centre of Mass	11	Centre of Mass	12
Rotational Motion	11	Rotational Motion	12
SHM	11	SHM	12
Wave Motion	11	Wave Motion	12
Sound Waves	11	Sound Waves	12
Calorimetry (Heat-1)	11	Calorimetry (Heat-1)	12
Heat Transfer (Heat-1)	11	Heat Transfer (Heat-1)	12
KTG (Heat-2)	11	KTG (Heat-2)	12
Thermodynamics (Heat-2)	11	Thermodynamics (Heat-2)	12
Elasticity	11	Elasticity	12
Thermal Expansion	11	Thermal Expansion	12
Gravitation	11	Gravitation	12
Fluid & Viscosity	11	Fluid & Viscosity	12
Surface Tension	11	Surface Tension	12
		Ray Optics	12
		Wave Optics	12
		Electrostatics	12
		Current Electricity	12
		Capacitance	12
		Magnetism - 1 (Magnetic effect of current)	12
		Magnetism - 2	12
		EMI	12
		Alternating Current	12
		EMW	12
		Photoelectric Effect (Modern -1)	12
		Matter Waves (Modern -1)	12
		Atomic Structure (Modern -1)	12
		Nuclear Physics (Modern -2)	12
		Semi Conductor (Modern -2)	12
		Logic Gates (Modern -2)	12

CHEMISTRY

Topics	Class	Topics	Class
		PHYSICAL CHEMISTRY	
Atomic Structure	11	Chemical Kinetics	12
Mole Concept (Some basic concept of chemistry)	11	Electrochemistry	12
		Liquid Solution	12
Redox Reaction	11	Thermodynamics & Thermochemistry	12
Thermodynamics and Thermochemistry	11	Atomic Structure	12
		Mole Concept (Some basic concept of chemistry)	12
Chemical Equilibrium/Ionic	11	Redox Reaction	12
Equilibrium	11	Chemical Equilibrium	12
Periodic Properties	11	Ionic Equilibrium	12
Chemical Bonding	11	INORGANIC CHEMISTRY	
UPAC	11	Coordination Chemistry	12
Isomerism	11	D&F Block Element	12
GOC-1	11	P Block Element	12
		Periodic Properties	12
		Chemical Bonding	12
		Salt Analysis	12
		ORGANIC CHEMISTRY	
		Optical Isomerism	12
		GOC - I	12
		GOC - II	12
		Hydrocarbon	12
		Halogen Derivatives	12
		Oxygen Containing Compound_I	12
		Oxygen Containing Compound_II	12
		Nitrogen Containing Compound	12
		Biomolecule	12