

[For English Medium Students]

PHYSICS

M. No.	S. No.	Topic Covered
P-01	1	Basic Mathematics used in physics & Vector
P-01	2	Units and Measurement
P-01	3	Kinematics (Motion along a straight line and motion in a plane)
P-01	4	Newton's Laws of motion & Friction
P-02	1	Work, Energy & Power
P-02	2	Circular Motion
P-02	3	Centre of Mass & Collisions
P-02	4	Rotational Motion
P-02	5	Gravitation
P-02	6	Properties of matter and Fluid Mechanics
P-07	1	Physics experimental skills
P-03	1	Thermal Physics
P-03	2	Oscillations (SHM)
P-03	3	Wave Motion

CHEMISTRY

M. No.	S. No.	Topic Covered
C-01	1	Some Basic concept of chemistry
C-01	2	Atomic Structure
C-01	3	Chemical Equilibrium
C-01	4	Ionic Equilibrium
C-01	5	Thermodynamics & Chemical Energetics
C-01	6	Redox Reaction
C-02	1	Periodic Table
C-02	2	Chemical Bonding
C-03	1	Classification & Nomenclature
C-03	2	Isomerism
C-03	3	Fundamental concept in organic reaction mechanism
C-03	4	Hydrocarbons
C-03	5	Purification methods, Qualitative and Quantitative analysis of organic compounds
C-05	1	p-Block Elements
C-05	2	d and f-Block Elements
C-05	3	Co-ordination Compounds
C-05	4	Qualitative analysis (Salt Analysis)

BIOLOGY

M. No.	S. No.	Topic Covered
B-01	1	The Living World
B-01	2	Biological Classification
B-01	3	Plant Kingdom
B-02	1	Morphology of Flowering plants
B-02	2	Anatomy of Flowering plants
B-02	3	Cell : The unit of life
B-02	4	Cell cycle and cell division
B-04	1	Animal Kingdom
B-04	2	Structural organisation in animals (Animal Tissues)
B-04	3	Cockroach (<i>Periplaneta americana</i>)
B-04	4	Frog (<i>Rana tigrina</i>)
B-11	1	Experimental Biology
B-03	1	Biomolecules - I
B-03	2	Biomolecules - II (Enzymes)
B-03	3	Photosynthesis in Higher plants
B-03	4	Respiration in plants
B-03	5	Plant growth and Development
B-05	1	Breathing and exchange of gases
B-05	2	Body Fluids and Circulation
B-05	3	Excretory Products & their Elimination
B-06	1	Neural Control and Coordination (Nervous System)
B-06	2	Chemical Co-ordination & Integration (Endocrine System)
B-06	3	Locomotion and movement (Skeletal System)
B-06	4	Locomotion and movement (Limb Muscles)