PHYSICS

1. Foundation Physics
2. Units, Dimensions and Measurement
3. Motion in One Dimension
4. Motion in Two Dimensions
5. Newton's Laws of Motion (Without Friction)
6. Newton's Laws of Motion (With Friction)
7. Work, Power and Energy
8. Centre of Mass, Conservation of Linear Momentum and Collisions
9. Dynamics of Rigid Body : Part 1
10. Dynamics of Rigid Body : Part 2
11. Simple Harmonic Motion
12. Waves and Acoustics
13. Gravitation
14. Mechanical Properties of Solids
15. Mechanical Properties of Fluids
16. Thermal Properties of Matter
17. Kinetic Theory of Gases and The Laws of Thermodynamics

CHEMISTRY

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. General Organic Chemistry : Part 1
6. General Organic Chemistry : Part 2
7. Hydrocarbons
8. States of Matter
9. Thermodynamics
10. Chemical Equilibrium
11. Ionic Equilibrium
12. s-Block Elements
13. Hydrogen
14. Environmental Chemistry
15. Redox Reactions
16. p-Block Elements (Group – 13, 14)

BIOLOGY

1. The Living World
2. Biological Classification
3. Plant Kingdom
4. Animal Kingdom
5. Morphology of Flowering Plants
6. Anatomy of Flowering Plants
7. Structural Organization in Animals
8. Cell : The Unit of Life
9. Cell Cycle and Cell Division
10. Biomolecules
11. Transport in Plants
12. Mineral Nutrition
13. Photosynthesis in Higher Plants
14. Respiration in Plants
15. Plant Growth and Development
16. Digestion and Absorption
17. Breathing and Exchange of Gases
18. Body Fluids and Circulation
19. Excretory Products and Their Elimination
20. Locomotion and Movement
21. Neural Control and Coordination
22. Chemical Coordination and Integration

MATHS

1. Sets
2. Introduction to Relations and Functions
3. Inequalities and Modulus
4. Logarithm
5. Theory of Equations
6. Trigonometric Ratios and Identities
7. Trigonometric Equations
8. Progression and Series
9. Binomial Theorem
10. Permutation and Combination
11. Coordinate System and Straight Lines
12. Introduction to Three Dimensional Geometry
13. Circle
14. Parabola
15. Ellipse
16. Hyperbola
17. Properties and Solutions of Triangle
18. Introduction to Probability
19. Statistics
20. Introduction to Limit and Differentiation