

CHEMISTRY
SECTION-1 (PHYSICAL CHEMISTRY)
CLASS XI
1. SOME BASIC CONCEPTS OF CHEMISTRY
2. STRUCTURE OF ATOM
3. STATE OF MATTER
4. THERMODYNAMICS
5. EQUILIBRIUM
6. REDOX REACTION
CLASS XII
1. SOLID STATE
2. SOLUTIONS
3. ELECTRO CHEMISTRY
4. CHEMICAL KINETICS
5. SURFACE CHEMISTRY
SECTION-2 (INORGANIC CHEMISTRY)
CLASS XI
1. CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES
2. CHEMICAL BONDING & MOLECULAR STRUCTURE
3. HYDROGEN
4. s- BLOCK ELEMENTS (ALKALI & ALKALINE EARTH METALS)
5. p-BLOCK ELEMENTS (B & C FAMILY)
6. ENVIRONMENTAL CHEMISTRY
CLASS XII
1. p- BLOCK ELEMENT (N, O, HALOGEN & NOBLE GAS FAMILY)
2. d & f BLOCK ELEMENTS (TRANSITIONS ELEMENTS)
3. GENERAL PRINCIPLE & PROCESS OF ISOLATION OF ELEMENTS
4. CO-ORDINATION COMPOUND
SECTION-3 (ORGANIC CHEMISTRY)
CLASS XI
1. SOME BASIC PRINCIPALS OF AND TECHNIQUES
2. HYDROCARBONS
CLASS XII
1. HALOALKANE AND HALOARENES
2. ALCOHOL, PHENOL & ETHER
3. ALDEHYDES, KETONES AND CARBOXYLIC ACID
4. AMINES
5. POLYMERS
6. BIOMOLECULES
28. CHEMISTRY IN EVERYDAY LIFE

PHYSICS**CLASS XI**

1. PHYSICAL WORLD & MEASUREMENT
2. KINECTIC
3. LAW OF MOTION
4. WORK, ENERGY & POWER
5. MOTION OF SYSTEM OF PARTICLES & RIGID BODY
6. GRAVITATION
7. PROPERTIES OF BULK MATTER
8. THERMODYNAMICS
9. BEHAVIOUR OF PERFECT GAS & KINEMATIC THEORY
10. OSCILLATIONS & WAVES

CLASS XII

1. ELECTROSTATICS
2. CURRENT ELECTRICITY
3. MAGNETIC EFFECTS OF CURRENT & MAGNETISM
4. ELECTROMAGNETIC INDUCTION & ALTERNATING CURRENTS
5. ELECTROMAGNETIC WAVES
6. OPTICS
7. DUAL NATURE OF MATTER & RADIATION
8. ATOMS & NUCLEI
9. ELECTRONIC DEVICES
10. COMMUNICATION SYSTEMS

BIOLOGY**CLASS XI**

1. DIVERSITY IN LIVING WORLD
2. STRUCTURAL ORGANISATION IN ANIMALS & PLANTS
3. CELL : STRUCTURE & FUNCTION
4. PLANT PHYSIOLOGY
5. HUMAN PHYSIOLOGY

CLASS XII

1. REPRODUCTION
2. GENETICS & EVOLUTION
3. BIOLOGY AND HUMAN WELFARE
4. BIOTECHNOLOGY & ITS APPLICATIONS
5. ECOLOGY & ENVIRONMENT

MATHEMATICS**CLASS XI***1. SETS, RELATIONS & FUNCTIONS**2. COMPLEX NUMBERS & QUADRATIC EQUATIONS**3. PERMUTATION & COMBINATIONS**4. MATHEMATICAL INDUCTIONS**5. BINOMIAL THEOREM & ITS SIMPLE APPLICATIONS**6. SEQUENCES & SERIES**7. COORDINATION GEOMETRY**8. TRIGONOMETRY**9. MATHEMATICAL REASONING***CLASS XII***1. MATRICES & DETERMINANTS**2. LIMITS CONTINUITY & DIFFERENTIABILITY**3. INTEGRAL CALCULUS**4. DIFFERENTIAL EQUATIONS**5. THREE DIMENSIONAL GEOMETRY**6. VECTOR ALGEBRA**7. STATISTICS & PROBABILITY*