

CLASS VIII

Physics

1. Force and Pressure
2. Friction
3. Sound
4. Chemical Effects of Electric Current
5. Light

Chemistry

1. Synthetic Fibres & Plastics
2. Metals and Non metals
3. Coal & Petroleum

Mathematics

1. Rational Numbers
2. Square, Square roots & Cube, Cube roots
3. Understanding Quadrilaterals
4. Data Handling
5. Comparing Quantities
6. Algebraic Expression & Identities
7. Factorisation
8. Exponents and Powers

CLASS IX

Physics

1. Motion, Uniform, Non uniform (Accelerated)
2. Forces and Laws of motion
3. Gravitation
4. Work and Energy

Chemistry

1. Matter in Our Surrounding
2. Is matter around us pure ? Properties of Matter, Solutions, Chemical Reactions
3. Atoms and Molecules
4. Mole Concept
5. Structure of Atom

Mathematics

1. Number System
2. Polynomials
3. Lines & Angles
4. Triangles
5. Co-ordinate Geometry
6. Quadrilaterals
7. Area of Parallelogram & Triangles

CLASS X

Physics

1. Light, Reflection and Refraction
2. The Human Eye & The Colourful World
3. Electricity and its heating and chemical effects
4. Magnetic effects of electric current

Chemistry

1. Chemical Reactions & Equations
2. Acid, Base and Salts
3. Periodic Classification
4. Metals and Non-Metals, Alkaline Earth Metals
5. Carbon & Its Compounds

Mathematics

1. Real Numbers
2. Polynomials
3. Similar Triangles
4. Trigonometry and Its Application
5. Arithmetic Progression
6. Tangents to a Circle

Physics

1. Physical world and Measurement
2. Vectors
3. Kinematics
4. Laws of motion
5. Work Energy and Power
6. Conservation of momentum
7. Rotational Mechanics
8. Gravitation and Fluid
9. Elasticity and SHM
10. Heat and Thermodynamics
11. Waves and sound

Chemistry

1. Some Basic Concept of Chemistry
2. Atomic Structure
3. Classification of Element and Periodic Properties
4. Chemical Bonding & Molecular Structure
5. State of Matter
6. Redox Reaction & Stoichiometry
7. Thermodynamics
8. Chemical Equilibrium
9. Ionic Equilibrium
10. Hydrogen & Its compounds
11. s-Block & p-Block Elements (13 & 14 group)
12. Nomenclature of Organic Compounds & General organic Chemistry
13. Hydrocarbons
14. Environmental Chemistry

CLASS XI

Mathematics

1. Sets, Relations and Functions
2. Quadratic Eq. & Expressions
3. Logarithms
4. Mathematical Induction
5. Linear Inequalities
6. Progression & Series
7. Complex Numbers
8. Trigonometric Ratios and Identities
9. Trigonometric Equations
10. Solution of Triangles
11. Binomial Theorem
12. Straight Line
13. Conic Section
14. Circle
15. Parabola
16. Ellipse
17. Hyperbola
18. Permutations & Combinations
19. Calculus - Limits & Derivatives
20. Statistics
21. Probability
22. Three Dimensional Geometry (Basic)
23. Mathematical Reasoning