

Syllabi

CLASS

8

SCIENCE

PHYSICS

1. Force & Pressure
2. Friction

CHEMISTRY

1. Metals & Non-metals
2. Coal & Petroleum

BIOLOGY

1. Cell
2. Micro-organisms

MATHEMATICS

1. Rational Numbers
2. Square & Square Roots
3. Cube & Cube Roots
4. Algebraic Identities
5. Algebraic Expressions
6. Linear equation in One Variable
7. Profit & Loss
8. Simple Interest
9. Pythagoras Theorem
10. Properties & Construction of Triangles

CLASS

9

PHYSICS

1. Motion
2. Laws of Motion
3. Force
4. Gravitation

CHEMISTRY

1. Matter in our Surrounding
2. Is matter around us pure
3. Elements, Mixtures & Compounds
4. Mole Concept
5. Atomic Structure

BIOLOGY

1. Cell: The Fundamental Unit Of Life
2. Tissues

MATHEMATICS

1. Polynomials
2. Lines & Angles, Triangles
3. Co-ordinate Geometry
4. Number System – Rational Indices

CLASS

10

PHYSICS

1. Electricity
2. Magnetic Effects of Electric Current
3. Motion
4. Force & its Classification
5. Laws of Motion
6. Work & Energy

Chemistry

1. Nature of Matter
2. Acids, Bases & Salts
3. Chemical Reactions & Equations
4. Atomic Structure
5. Mass of an Atom

Mathematics

1. Number System
2. Real Numbers
3. Surds
4. Indices
5. Polynomials
6. Quadratic Equation
7. Congruence of Triangles
8. Similarity
9. Quadrilaterals
10. Parallelogram
11. Circle
12. Trigonometry
13. Linear Equation in One Variable & Graphs
14. Linear Equation in Two Variable
15. Compound Interest
16. Mensuration
17. Surface, Areas & Volumes
18. Percentage, Profit & Loss

CLASS

11

PHYSICS

1. Vector
2. Kinematics
3. Laws of Motion
4. Work, Power & Energy

CHEMISTRY

1. Atomic Structure
2. Periodic Properties
3. Chemical Bonding
4. Stoichiometry
5. Gaseous State
6. s-Block & Hydrogen

Mathematics

1. Trigonometric Identities
2. Basic Inequalities
3. Logarithms
4. Modulus Functions
5. Quadratic Equations
6. Quadratic Expressions
7. Progression & Series
8. Cartesian System
9. Straight Lines
10. Circle