

CHEMISTRY:

UNIT 1 Some Basic Concepts of Chemistry

UNIT 2 Structure of Atom

UNIT 3 Classification of Elements and Periodicity in Properties

UNIT 4 Chemical Bonding and Molecular Structure

UNIT 5 Chemical Thermodynamics

UNIT 6 Equilibrium

UNIT 7 Redox Reactions

UNIT 8 Organic Chemistry: Some basic Principles and Techniques

UNIT 9 Hydrocarbons

PHYSICS:

Chapter-1: Units and Measurements

Chapter-2: Motion in a Straight Line

Chapter-3: Motion in a Plane

Chapter-4: Laws of Motion

Chapter-5: Work, Energy and Power

Chapter-6: System of Particles and Rotational Motion

Chapter-7: Gravitation

Chapter-8: Mechanical Properties of Solids

Chapter-9: Mechanical Properties of Fluids

Chapter-10: Thermal Properties of Matter

Chapter-11: Thermodynamics

Chapter-12: Kinetic Theory

Chapter-13: Oscillations

Chapter-14: Waves

BIOLOGY:

Chapter-1: The Living World

Chapter-2: Biological Classification

Chapter-3: Plant Kingdom

Chapter-4: Animal Kingdom

Chapter-5: Morphology of Flowering Plants

Chapter-6: Anatomy of Flowering Plants

Chapter-7: Structural Organisation in Animals

Chapter-8: Cell-The Unit of Life

Chapter-9: Biomolecules

Chapter-10: Cell Cycle and Cell Division

Chapter-11: Photosynthesis in Higher Plants

Chapter-12: Respiration in Plants

Chapter-13: Plant - Growth and Development

Chapter-14: Breathing and Exchange of Gases

Chapter-15: Body Fluids and Circulation

Chapter-16: Excretory Products and their Elimination

Chapter-17: Locomotion and Movement

Chapter-18: Neural Control and Coordination

Chapter-19: Chemical Coordination and Integration

MATHEMATICS:

Ch 1 Sets

Ch 2 Relations and Functions

- Ch 3 Trigonometric functions
- Ch 4 Complex Numbers
- Ch 5 Linear Inequalities
- Ch 6 Permutations and Combinations
- Ch 7 Binomial Theorem
- Ch 8 Sequence and Series
- Ch 9 Straight lines
- Ch 10 Conic Sections
- Ch 11 Introduction to 3D Geometry
- Ch 12 Limits and Derivatives
- Ch 13 Statistics
- Ch 14 Probability

ENGLISH CORE:

Textbook Hornbill:

Prose:

1. The Portrait of a Lady
2. We're Not Afraid to Die....if We Can All Be Together
3. Discovering Tut: The Saga Continues
4. The Adventure
5. Silk Road

Poetry:

1. A Photograph
2. The Laburnum Top
3. The Voice of the Rain
4. Childhood
5. Father to Son

Textbook Snapshots:

1. The Summer of the Beautiful White Horse
2. The Address
3. Mother's Day
4. Birth
5. The Tale of Custard the Dragon

Grammar:

1. Tenses
2. Clauses

Reading Comprehension:

1. Unseen Passage
2. Note-Making

PHYSICAL EDUCATION:

UNIT 1 Changing Trends & Career in Physical Education

UNIT 2 Olympic Value Education

UNIT 3 Yoga

UNIT 4 Physical Education & Sports for CWSN

UNIT 5 Physical Fitness, Wellness

UNIT 6 Test, Measurements & Evaluation

UNIT 7 Fundamentals of Anatomy and Physiology in Sports

UNIT 8 Fundamentals of Kinesiology and Biomechanics in Sports

UNIT 9 Psychology and Sports

UNIT 10 Training & Doping in Sports

INFORMATICS PRACTICES:

Unit1: Introduction to Computer system

Unit2: Introduction to python

Unit3: Database Concepts and the Structured Query Language

Unit4: Introduction to the Emerging Trends