

PORTION FOR FINAL TERM EXAMINATION 2021

CLASS: XI (Science)

SUBJECT: CHEMISTRY

PHYSICAL 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. Chemical Thermodynamics
6. Equilibrium

INORGANIC CHEMISTRY

1. Redox reactions

ORGANIC CHEMISTRY

1. Some basic Principles and Techniques
2. Hydrocarbons

SUBJECT: BIOLOGY

UNIT 1 – DIVERSITY OF LIVING ORGANISMS

- (i) The Living World
- (ii) Biological Classification
 - (a) Five kingdom system of classification
 - (b) Kingdom Monera
 - (c) Kingdom Protista
 - (d) Kingdom Fungi
 - (e) Virus and Viroid
- (iii) Plant Kingdom
- (iv) Animal Kingdom
 - (a) Algae
 - (b) Bryophyta
 - (c) Pteridophyta
 - (d) Gymnosperms

UNIT 2 STRUCTURAL ORGANISATION IN ANIMALS AND PLANT

- (i) Morphology of Flowering Plant - Morphology of Flower, Inflorescence
- (ii) Anatomy of Flowering Plant
 - (a) Internal structural of root, stem and leaf (Cellular diagrams with description)
 - (b) Secondary Growth of Dicot Stem

UNIT 3 – CELL: STRUCTURE AND FUNCTION

- (i) Cell – the unit of life
- (ii) Biomolecules

- (iii) Cell Cycle and Cell Division

UNIT 4 – PLANT PHYSIOLOGY

- (i) Mineral Nutrition – Macro and Micro nutrients
(ii) Photosynthesis in Higher Plant
(iii) Respiration in Plants

UNIT 5 – HUMAN PHYSIOLOGY

- (i) Digestion and Absorption
(ii) Breathing and Exchange of gases
(iii) Body fluids and circulation
(iv) Excretory products and their elimination
(v) Locomotion and Movement
(vi) Chemical Co – ordination and Integration.

SUBJECT: PHYSICS

S.No.	PHYSICS–Class XI Final Term Portion (M.M.–70)
1.	Laws Of Motion
2.	Work Power Energy
3.	Properties Of Bulk Matter: (Mechanical Properties of Solids and Mechanical properties of Fluids)
4.	Heat (Thermal Properties of matter) And Thermodynamics
5.	Behaviour Of Perfect Gas & Kinetic Theory Of Gases
6.	Oscillation AND WAVES

SUBJECT: MATHEMATICS

SECTION – A

1. Sets and Functions
2. (a) Trigonometric Functions
(b) Compound and Multiple angles.
3. Algebra
 - i. Complex Number
 - ii. Quadratics Equations
 - iii. Sequence and Series
 - iv. Binomial Theorem

- v. Principle of Mathematical Induction
- vi. Permutation and Combination
- 4. i. Equations of St. Lines
- ii. Circles.
- 5. Probability

SECTION – B

- 1. Three Dimensional Geometry

SECTION – C

- 1. Correlation Analysis

SUBJECT: ENGLISH LANGUAGE

- 1. Composition
- 2. Book Review/ Film Review
- 3. Proposal Writing
- 4. Grammar
- 5. Comprehension Passage

SUBJECT: ENGLISH LITERATURE

ECHOES (Short Stories):

- 1. *Salvatore* - W. Somerset Maugham
- 2. *Fritz* - Satyajit Ray
- 3. *Quality* - John Galsworthy
- 4. *The Chinese Statue* – Jeffrey Archer

REVERIE (POETRY):

- 1. *The Darkling Thrush* – Thomas Hardy
- 2. *The Dolphins* – Carol Ann Duffy
- 3. *The Gift of India* – Sarojini Naidu
- 4. *John Brown* – Bob Dylan
- 5. *Desiderata* – Max Ehrmann

The Tempest (Drama):

Act. 1: Scene I & II

Act 2: Scene I & II

Act 3: Scene I & II
