



**HALF YEARLY SYLLABUS 2022-23**

**CLASS XI**

**ENGLISH LITERATURE**

Play: The Tempest

(Act I,)

Poetry: Reverie – (Upto Pg 41)

1. The Gift of India (Poem no. 4)
2. Crossing the Bar (Poem no. 5)
3. Desiderata (Poem no. 7)

Prose:

1. Chapter 1: Salvatore
2. Chapter 4: To Build a Fire (From Pg 35-40)

**ENGLISH LANGUAGE**

1. Composition
2. a. Directed Writing (book review, film review)  
b. Proposal Writing
3. Functional Grammar Exercises
4. Comprehension

**PHYSICAL EDUCATION**

**Section A**

1. Chapter 1: Concepts of Physical Education
2. Chapter 2: Individual Aspects and Group Dynamics
3. Chapter 4: Nutrition, Weight Control and Exercise
4. Effects of Physical Exercise On Human Body Systems.

**Section B**

1. Volleyball
2. Badminton



## **BIOLOGY**

### **Unit 3: Cell: Structure and Function**

Chapter 8- Cell: The Unit of Life

Chapter 9- Biomolecule

Chapter 10- Cell Cycle and Cell Division

### **Unit 5: Human Physiology**

Chapter 16: Digestion and Absorption

Chapter 17: Breathing and Exchange of Gases

Chapter 18: Body fluids and Circulation

Chapter 19: Excretory Products and their Elimination

Chapter 20: Locomotion and Movement

Chapter 21: Neural Control and Coordination

Chapter 22: Chemical Coordination and Integration

## **COMPUTER**

1. Number System

2. Encoding

- 1's Complement
- 2's Complement
- Signed, unsigned integer

3. Propositional logics, Hardware implementation

Computer Hardware- (Adder)

4. Introduction to coop's Concepts, Tokens

- Data Types, Type casting
- Variables Expression
- Math functions
- Statements scope
- looping, Conditional, Jump Statements.
- Functions (Methods and Constructors
- Recursion
- Data Representation

## **CHEMISTRY**

1. Some Basic concepts of chemistry

2. Structure of an Atom

3. Classification of Elements and Periodicity in properties

4. Chemical Bonding and molecular Structure

5. Redox Reaction.



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### **ECONOMICS**

1. Chapter 1: Definition of Economics
2. Chapter 2: Basic Concepts of Economics
3. Chapter 3: Basic Problems of Economy
4. Chapter 4: Type of Economics
5. Chapter 5: Solutions to the Basic economic Problems under Different Economic Systems
6. Chapter 6: Economics Growth & Development
7. Chapter 7: Parameters of Development
8. Chapter 8: Sustainable Development
9. Chapter 9: Planning and Economics Development in India
10. Chapter 10: Indian Economy Post Liberalisation
11. Chapter 11: Structural changes in the Indian Economy after Liberalisation.

### **ACCOUNTANCY**

1. Chapter 1: Evolution of Accounting & Basic Accounting Terms
2. Chapter 2: Accounting Equations
3. Chapter 3: Meaning, Objectives scope & Nature of Accounting
4. Chapter 4: Double Entry System.
5. Chapter 5: Books of Original Entry- Journal
6. Chapter 6: Accounting for Goods & Service Tax
7. Chapter 7: Books of original entry- cash book
8. Chapter 8: Books of original entry- Special purpose Subsidiary books
9. Chapter 9: Ledger
10. Chapter 10: Trial Balance
11. Chapter 11: Bank Reconciliation Statement
12. Chapter 12: Depreciation

### **COMMERCE**

#### **Unit – 1** Nature & Purpose of Business

1. Chapter 1: Classification of Human Activities- Economic & Non- Economic
2. Chapter 2: Nature & Objectives of Business
3. Chapter 3: Classification of Business Activities

#### **Unit 2-** Forms of Business Organisations

1. Chapter 4: Introduction to Business Organisations
2. Chapter 5: Sole Trader
3. Chapter 6: Partnership
4. Chapter 7: Joint Stock Company



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5. Chapter 8: Types of Companies
6. Chapter 9: Formation of a Company
7. Chapter 10: Public Enterprises, Public Utilities & Public Private Partnerships.
8. Chapter 11: Cooperative Organisations

**Unit 3**- Social Responsibility of Business & Business Ethics

1. Chapter 12: Social responsibility of Business & Business Ethics

**MATHEMATICS**

1. Ch 1. Sets
2. Ch.2 Relations and Functions
3. Ch.3 Angles and Arc Lengths
4. Ch 4 Trigonometrical Functions
5. Ch 5. Compound and Multiple Angles
6. Ch. 6 Trigonometric Equations

**PHYSICS**

**UNIT – 1: PHYSICAL WORLD AND MEASUREMENT**

Ch- 2 Units and Measurements: Error analysis and Significant figures.

Ch-3 Dimensional Analysis

**UNIT-2: KINEMATICS**

Ch- 4 Motion in a straight line

Ch-5 Motion in a plane

**UNIT-3: LAWS OF MOTION**

Ch- 6: Newton's Laws of motion

Ch- 7 Friction

Ch 8- Uniform Circular motion