



## Grade XI Half yearly syllabus (2024-25)

### English

#### Reading

1. Comprehension
2. Note Making

#### Writing

1. Speech
2. Poster

#### Grammar

1. Classified Advertisement
2. Gap Filling (Tenses)
3. Re-ordering / Transformation of Sentences

#### Literature

##### Hornbill

- Chapter 1: The Portrait of a Lady  
Chapter 2: We're Not Afraid to Die...if We Can All Be Together  
Chapter 3: Discovering Tut: the Saga Continues

##### Poems

- 1: A Photograph
- 2: Laburnum Top
- 3: The Voice of the Rain

##### Snapshots

- Chapter 1: The Summer of the Beautiful White Horse  
Chapter 2: The Address  
Chapter 5: Mother's Day

### Physics

- Chapter 1: Units and Measurements  
Chapter 2: Motion in 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

## **Biology**

- Chapter 1: The living world
- Chapter 2: Biological classification
- Chapter 3: Plant kingdom
- Chapter 4: Animal Kingdom
- Chapter 5: Morphology of flowering plant
- Chapter 6: Anatomy of flowering plants
- Chapter 7: Structural organisation in animals
- Chapter 8: Cell -the fundamental unit of life

## **Chemistry**

- Chapter-1: Some Basic Concepts of Chemistry
- Chapter-2: Structure of Atom
- Chapter-3: Classification of Elements and Periodicity in Properties
- Chapter-4: Chemical Bonding and Molecular Structure
- Chapter-7: Redox reactions

## **Mathematics**

- Chapter 1: Sets
- Chapter 2: Relation and Functions
- Chapter 3: Trigonometric Functions
- Chapter 4: Complex Numbers
- Chapter 5: Linear Inequalities
- Chapter 6: Permutation and Combinations
- Chapter 8: Binomial Theorem
- Chapter 9: Sequence and Series (GP)
- Chapter 12: Limit and derivatives

## **Applied Mathematics**

- Unit I: Number, Quantification and Numerical Application
- Unit II: Algebra
- Unit III: Mathematical Reasoning
- Unit IV: Calculus

## **Accountancy**

- Chapter 1. Meaning, Objectives, Scope and Nature of Accounting
- Chapter 2. Basic Accounting Terms
- Chapter 3. Accounting Principles
- Chapter 4. Process and Bases of Accounting
- Chapter 6. Accounting Equations
- Chapter 7. Double Entry System
- Chapter 9. Books of Original Entry-Journal
- Chapter 10. Accounting for Goods & Services Tax (GST)
- Chapter 11. Books of Original Entry-Cash Book
- Chapter 12. Books of Original Entry-Special Purpose Subsidiary Books
- Chapter 13. Ledger
- Chapter 15. Bank Reconciliation Statements
- Chapter 16. Depreciation

## **Business Studies**

### **Part A**

- Chapter -1 Nature and Purpose of Business
- Chapter-2 Forms of Business organisation
- Chapter-3 Public,Private and Global Enterprises
- Chapter-4 Business Services
- Chapter-5 Emerging modes of business
- Chapter-6 Social responsibility of business and it's Ethics

## **Economics**

### **Part A**

#### **Statistics for Economics**

- Chapter 1 Concept of Economics and significance of statistics in Economics
- Chapter 2 Collection of data
- Chapter 3 Census and sample method of collection of data
- Chapter 4 Organisation of data
- Chapter 5 Presentation of data
- Chapter 6 Diagrammatic presentation
- Chapter 7 Frequency diagrams
- Chapter 8 Arithmetic line- Graphs
- Chapter 9 Measures of central tendency - Arithmetic Mean

### **Part B**

#### **Introductory Microeconomics**

- Chapter 1 Economics and Economy
- Chapter 2 Central problem of an Economy
- Chapter 3 Consumer's equilibrium - Utility Analysis
- Chapter 4 Consumer's equilibrium - Indifference curve
- Chapter 5 Theory of Demand
- Chapter 6 Price elasticity of demand

## **Psychology**

- Chapter 1- What is Psychology?
- Chapter 2- Methods of Enquiry in Psychology
- Chapter 4- Human Development
- Chapter 5- Sensory, Attentional and Perceptual Processes

## **Political Science**

- Chapter 1: Constitution
- Chapter 2: Rights
- Chapter 3: Elections
- Chapter 4: Legislature
- Chapter 5 : Executive
- Chapter 6: Judiciary
- Chapter 7: Panchayati Raj
- Chapter 8: Federalism

## **Informatics Practices**

Chapter 2: Getting started with Python

Chapter 3: Python Programming Fundamentals

Chapter 4: Conditional and Looping Constructs

Chapter 5: Lists in Python

Chapter 9: Emerging Trends

## **Physical Education**

Unit I Changing Trends & Career in Physical Education

Unit II Olympics Value Education

Unit III Yoga

Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)

Unit V Physical Fitness, Health and Wellness

## **Artificial Intelligence**

### **Part A**

Chapter 1 Communication Skills -III

Chapter 2 Self Management Skills-III

### **Part B**

Chapter 1 Introduction to AI

Chapter 2 Unlocking your Future in AI

Chapter 4 Introduction to Capstone Project

## **Painting**

1. Fundamentals of visual art: elements and principles
2. Six limbs
3. Techniques of paintings
4. History of Indian miniature painting
5. Pahari school of miniature painting
6. Rajasthani school of miniature painting

## **Music**

1. Definitions: Naad, Shruti, Swar, Saptak, Gat, Laya, Taal, Raga, Jati.
2. Brief history of Maseetkhani gat, Razakhani gat and Dhrupad.
3. Introduction and notation of Razakhani gat in Raag Bihag, Bheemplasi and Bhairvi
4. One Masitkhani gat in any prescribed raga.
5. Introduction and notation of Teentaal, Ek taal and chautaal with ekgun, dugun, tigon and chaugan layakaries.
7. Life sketch of Mian Tansen and Pt. V. N. Bhatkhande.

## **Dance**

DEFINITION:- Nritya, Nritya, Natya, Anga, Upanga, Pratyanga, Taali, Khalli, Sam, Amad, Toda, Vandana, Gat Nikas, Gat Bhav, Tehayii, Paran

GHRANA:- Jaipur, Luknow.

DANCES:- Manipuri, Bharatnatyam.

QUESTION:- Abhinay And its types.

TAAL:- Teen, Dadra, Keharwa, Jhap, Rupak

## Punjabi

1. ਸੁਹਾਗ 1 ਤੋਂ 4
2. ਘੋੜੀਆ-1 ਤੋਂ 3
3. ਬੁਝਾਰਤਾਂ -1 ਤੋਂ 10
4. ਮੁਹਾਵਰੇ-62 ਤੋਂ 81
5. ਪੈਰਾ ਰਚਨਾ
6. ਪੱਤਰ
7. ਰਾਜਾ ਰਸਾਲੂ
8. ਦੁੱਲਾ ਭੱਟੀ
9. ਮਿਰਜਾ ਸਾਹਿਬਾ
10. ਇਸਤਿਹਾਰ ,ਸੱਦਾ ਪੱਤਰ,

**Note:**

**The Question Paper for the Half Yearly Examination will be based on the blueprint issued by CBSE.**