

**CLASS 11 (2024-2025)**  
**SYLLABUS OF UNIT TEST - II**

**1. ENGLISH - READING** --1. Comprehension passage

**WRITING** --1. Classified & display ads

2. Formal letters – enquiry, order, complaint

**LITERATURE: HORNBILL** 1. The Adventure

2. Childhood (poem)

**SNAPSHOTS** - 1. Birth

**GRAMMAR:** 1. Tenses, modals, Sub-verb Agreement

2. Gap filling, rearranging, editing, omission

3. Reported speech

**2. PURE MATHEMATICS -**

Chapter 8: Sequences and Series

Chapter 9: Straight Lines

Chapter 10: Conic Sections

Chapter 11: Introduction to Three-dimensional Geometry

**3. APPLIED MATHEMATICS -**

Ch. 8: Logical Reasoning

Ch 10: Limits and Continuity

Ch 11: Differentiation

Ch 12: Probability

Ch 14: Compound interest and Annuity

**4. PHYSICS -**

Chapter 8 Mechanical Properties of Solids

Chapter 9 Mechanical Properties of Fluids

Chapter 10 Thermal properties of Matter

**5. CHEMISTRY -**

Unit 6 - Equilibrium

Unit 7 - Redox reactions

Unit 8 - Organic chemistry. (GOC)

## **6. BIOLOGY -**

Chapter-09: Biomolecules

Chapter-10: Cell cycle 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

## **7. COMPUTER SCIENCE -**

Chapter 3: Boolean Logic

Chapter 11: List Manipulation

Chapter 12: Tuples

Chapter 13: Dictionaries

## **8. HISTORY -**

Theme 5 changing cultural traditions

Theme 6- displacing indigenous peoples till page number 139

## **9. POLITICAL SCIENCE -**

Chapter 1 Political Theory: An Introduction

Chapter 2 Freedom

Chapter 3 Equality

Chapter 4 Social Justice

## **10. GEOGRAPHY -**

Book II India: Physical Geography

Chapter: Drainage System

Chapter: Climate

## **11. ECONOMICS -**

Microeconomics

Unit 6: Producer Behaviour

Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor

Cost – Short run costs - Total Cost, Total Fixed Cost, Total Variable Cost; Average Cost; Average Fixed Cost, Average Variable Cost and Marginal Cost - meaning and their relationships.

Statistics for Economics

Unit 2: Measures of Central Tendency- Median and Mode

## **12. ACCOUNTANCY -**

Chapter 14. Trial Balance

Chapter 18. Rectification of errors

Chapter 19. Capital and Revenue

Chapter 21. Financial Statements with adjustments

## **13. BUSINESS STUDIES -**

Chapter 8- Sources of Business Finance

Chapter 9 - MSME and Entrepreneurship

Chapter 10 - Internal Trade (up to small scale fixed shop retailers)

## **14. ENTREPRENEURSHIP-**

Chapter 5 - Concept of Market

Chapter 6 - Business Finance and Arithmetic

## **15. PSYCHOLOGY -**

Chapter 6- Human Memory

Chapter 7- Thinking

## **16. LEGAL STUDIES -**

Unit 1 Introduction to Political Institutions

Chapter 1: Concept of State

Chapter 2: Forms and Organs of Government

Chapter 3: Separation of Powers

Unit 3 Jurisprudence, Nature and Sources of Law

Chapter 2: Classification of Laws

Chapter 3: Sources of Laws

Chapter 4: Law Reforms

Chapter 5: Cyber Laws, Safety and Security in India

## **17. PAINTING -**

UNIT 3: B Bronzes

Introduction to Indian Bronzes

Method of casting (Solid and hollow)

Appreciation of the Nataraj, Chola period, 12th century A.D.

UNIT 3: C Artistic aspects of the Indo-Islamic Architecture Introduction

Study of Qutab Minar, Delhi and Gol Gumbad, Bijapur

## **18. PHYSICAL EDUCATION -**

Unit - Fundamentals of Kinesiology and Biomechanics in Sports

- i. Definition and Importance
- ii. Principles of Biomechanics
- iii. Kinetics and Kinematics in Sports
- iv. Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation
- v. Axis and Planes – Concept and its application in body movements

Unit - Fundamentals of Anatomy, Physiology in Sports

- i. Definition and importance of Anatomy and Physiology in Exercise and Sports
- ii. Functions of Skeletal System, Classification of Bones, and Types of Joints
- iii. Properties and Functions of Muscles
- iv. Structure and Functions of Circulatory System and Heart
- v. Structure and Functions of Respiratory System

## **19. HINDUSTANI CLASSICAL VOCAL MUSIC -**

**Unit:1.1:** Brief of the following

Nada, Shruti, Swara, Saptak, Thaata, Jati, Laya, Tala.

**Unit:1.2:** Brief study of the following

Margi, Desi, Raga

**Unit:2.1:** Brief History of the following

Dhrupad, Khayal, Tarana

**Unit:2.2:** Brief History of Gharana

**Unit:3.1:** Brief study of Musical Elements in Natya Shastra

**Unit:3.2:** Life sketch and contribution Tansen, V.N. Bhatkhande & V.D. Paluskar

**Unit:4.1:** Description of prescribed Talas along with Tala notation with Thah, Dugun, Chaugun.  
Teentala, Ektala, Chautala

**Unit:4.2:** Knowledge of the structure of Tanpura

**Unit:5.1:** Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them excluding Raga Jaunpuri.

**Unit:5.2** Writing in notation the compositions of prescribed Ragas:

- Bihag
- Bhimpalasi
- Bhairavi

## **20. DANCE-**

Chapter 8: History of Kathak Dance

Chapter 9: Describing the Dance Drama or Gat Bhaav like Marich Vadh, Bhasmasur Vadh, Madan Dahan, Distinctive aspects of Kathak: Upaj, Chakkars, etc.

Chapter 10: Definitions and short explanations of Nritya, Natya, Nritya, Tandav, Lasya, Anga, Upanga, Pratyanga

Chapter 11: Learn Kathak- Specific Notation in Teen Taal and Jhaptaal

## **21. HINDUSTANI MUSIC PERCUSSION INSTRUMENTS TABLA-**

Unit:4.1: Brief Knowledge of Banaras gharana

Unit:4.2: Salient feature of kudau singh gharana of pakhawaj.

Unit:5.1: Ability to write in notation of the prescribed talas and compositions in Thah (Brabar), Dugun,Chaugun layas.

Unit:5.2: Ability to do Tala notation of compositions in prescribed talas.  
Prescribed Talas: Teentala and Jhaptala.

## **22. HINDUSTANI MUSIC MELODIC INSTRUMENTS-**

**Unit:5.1:** Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them excluding Raga Jaunpuri.

**Unit:5.2** Writing in notation the compositions of prescribed Ragas