

# **ANNUAL EXAMINATION SYLLABUS (2025-2026)**

## **Class XI**

### **ENGLISH CORE (301)**

**Hornbill** : The Portrait of A Lady, A photograph (Poem), We're not Afraid to Die... if we can be together, Discovering Tut: The Saga Continues , The Voice of the Rain (Poem), The Adventure, The Laburnum Top (Poem), Father to Son (Poem) , Childhood (Poem), The Silk Road

**Snapshots**: The Summer of a Beautiful White Horse , The Address, Mother's Day, Birth, The Tale of Melon City

**Grammar**: Tenses, Clauses, Reordering, Transformation of Sentences

**Writing**: Poster, Classified Advertisement, Speech, Debate

**Reading**: Unseen passage, Note making

### **ECONOMICS (030)**

#### **Part A: Statistics for Economics**

Unit 1: Introduction

Unit 2: Collection, Organisation and Presentation of data

Unit 3: Statistical Tools and Interpretation Measures of Central

Tendency- Arithmetic mean, Median and Mode Correlation,

Introduction to Index Numbers

#### **Part B: Introductory Microeconomics**

Unit 4: Introduction

Unit 5: Consumer's Equilibrium and Demand

Unit 6: Producer Behaviour and Supply Production Function Cost Revenue

Producer's Equilibrium Supply

Unit 7: Perfect Competition - Price Determination and simple applications.

Perfect competition Simple Applications of Demand and Supply

## **MATHEMATICS (041)**

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 Three-Dimensional Geometry

Ch-12 Limits and Derivatives

Ch-13 Statistics

Ch-14 Probability

## **CHEMISTRY (043)**

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

## **BUSINESS STUDIES (054)**

### **Part A Foundations of Business**

Unit 1 Nature and Purpose of Business

Unit 2 Forms of Business Organisations

Unit 3 Public, Private and Global Enterprises

Unit 4 Business Services

Unit 5 Emerging Modes of Business

Unit 6 Social Responsibility of Business and Business Ethics

### **Part B Finance and Trade**

Unit 7 Sources of Business Finance

Unit 8 Small Business

Unit 9 Internal Trade

Unit10 International Business

## **PSYCHOLOGY (037)**

Unit 1- Understanding Psychology

Unit 2-Methods of Enquiry in Psychology

Unit 3- Human Development

Unit 4- Sensory, Attentional and Perceptual Processes

Unit 5- Learning

Unit 6-Human Memory

Unit 7- Thinking

Unit 8- Motivation and Emotion

## **BIOLOGY(044)**

Ch-1: The Living World

Ch-2: Biological Classification

Ch-3: Plant Kingdom

Ch-4: Animal Kingdom

Ch-5: Morphology of Flowering Plants

Ch-6: Anatomy of Flowering Plants

Ch-7: Structural Organisation in Animals

Ch-8: Cell-The Unit of Life

Ch-9: Biomolecules

Ch-10: Cell Cycle and Cell Division

Ch-11: Photosynthesis in Higher Plants

Ch-12: Respiration in Plants

Ch-13: Plant - Growth and Development

Ch-14: Breathing and Exchange of Gases

Ch-15: Body Fluids and Circulation

Ch-16: Excretory Products and their Elimination

Ch-17: Locomotion and Movement

Ch-18: Neural Control and Coordination

Ch- 19: Chemical Coordination and Integration

## **PHYSICS (042)**

Ch 1 : Units and Measurements

Ch 2: Motion in a Straight Line

Ch 3: Motion in a Plane

Ch 4: Laws of Motion

Ch 5: Work , Energy and Power

Ch 6: System of Particles and Rotational Motion

Ch 7: Gravitation

Ch 8: Mechanical properties of Solids

Ch 9: Mechanical Properties of Fluids

Ch 10: Thermal Properties of Matter

Ch 11: Thermodynamics

Ch 12: Kinetic Theory

Ch 13: Oscillations

Ch 14: Waves

## **ACCOUNTANCY (055)**

1. Introduction of Accounting

2. Basic Accounting Terms

3. Theory Base of Accounting, Accounting Standards and Indian Accounting Standards (Ind-AS)

4. Bases of Accounting

5. Accounting Equation

6. Accounting Procedures- Rules of Debit and credit

7. Origin of Transactions- Source Documents and Preparation of

Vouchers

8. Journal
9. Ledger
10. Special Purpose Books – Cash Book & Other Books
11. Accounting of Goods & Services Tax (GST)
12. Bank Reconciliation Statement
13. Trial Balance
14. Depreciation
15. Provisions and Reserves
16. Rectification of Errors
17. Financial Statements of Sole Proprietorship
18. Adjustments in Preparation of Financial Statements
19. Accounts from Incomplete Records- Single Entry System

### **PHYSICAL Education (048)**

Unit 1: Changing Trends & Career in Physical Education

Unit 2: Olympic value Education

Unit 3: Yoga

Unit 4: Physical Education & Sports for CWSN

(Children with Special Needs - Divyang)

Unit 5: Physical Fitness, Health, and Wellness

Unit 6: Test, Measurement & Evaluation

Unit 7: Fundamentals of Anatomy, Physiology in Sports

Unit 8: Fundamentals of Kinesiology and Biomechanics in Sports

Unit 9: Psychology & Sports

Unit 10: Training and Doping in Sports.

## **COMPUTER SCIENCE (083)**

- Ch-1 Computer System Overview
- Ch-2 Data Representation
- Ch-3 Boolean Logic
- Ch-4 Introduction to Problem Solving
- Ch-5 Getting started with Python
- Ch-6 Python Fundamentals
- Ch-7 Data Handling
- Ch-8 Introduction to Python Modules
- Ch-9 Flow of Control
- Ch-10 String Manipulation
- Ch-11 List Manipulation
- Ch-12 Tuple
- Ch-13 Dictionary
- Ch-14 Cyber Safety
- Ch-15 Society Law & Ethics

## **ARTIFICIAL INTELLIGENCE (843)**

### **PART A**

- Ch-1 Communication Skills
- Ch-2 Self Management Skills
- Ch-3 ICT Skills
- Ch-4 Entrepreneurial skills
- Ch-5 Green Skills

### **PART B**

- CH 1 Introduction : AI for every one

Ch-2 Unlocking your future in AI

Ch-3 Python Programming

Ch-4 Introduction to Capstone Project

Ch-5 Data Literacy – Data Collection to Data Analysis

Ch-6 Machine Learning Algorithms

Ch-7 Leveraging Linguistics and Computer Science

Ch-8 AI Ethics & Value

### **PAINTING (049)**

Units 1-Pre- historic rock paintings and art of Indus valley

Units 2\_Buddhism Jain and Hindu

Units 3-Temple sculpture, bronze and artistic aspects OfIndo-Islamic achieve architect