



# **D.A.V. PUBLIC SCHOOLS, BIHAR ZONE**

## ***Syllabus For Half – Yearly Examination, 2025 – 26***

### **CLASS: XI**

#### **ENGLISH CORE:**

##### ⇒ **Hornbill**

1. The portrait of a lady
2. A photograph
3. The voice of Rain
4. The Laburnum Top
5. We are not Afraid to Die
6. Discovering Tut. The Saga Continues

##### ⇒ **Snapshot**

1. The summer of the beautiful white horse
2. The address
3. Mother's Day

##### ⇒ **Writing and Grammar**

1. Tense, Narration, Voice + Sub-Verb Concord.
2. Arrange the Sentences
3. Gap Filling
4. Classified Advertisement and Speech, poster & debate.

##### ⇒ **Reading Comprehension**

##### ⇒ **Note Making and Summary**

##### ⇒ **ALS**

#### **MATHEMATICS:**

- ⇒ Sets, Relations and Functions
- ⇒ Complex number, Linear inequalities
- ⇒ Statistics
- ⇒ Trigonometry
- ⇒ Calculus (Limits)

#### **PHYSICS:**

- ⇒ Units and measurement
- ⇒ Motion in plane
- ⇒ Motion in straight line
- ⇒ Laws of motion
- ⇒ Work, energy, and power
- ⇒ System of particles and rotational motion

#### **CHEMISTRY:**

- ⇒ Some basics concepts of chemistry

- ⇒ Structure of atom
- ⇒ Classification of elements and periodicity in properties
- ⇒ Chemical bonding and molecular structure
- ⇒ Redox reactions

## **BIOLOGY:**

- ⇒ The living world
- ⇒ Biological classification
- ⇒ Plant kingdom
- ⇒ Animal kingdom
- ⇒ Morphology of flowering plants
- ⇒ Anatomy of flowering plants
- ⇒ Structural organization in animals
- ⇒ Cell the unit of life
- ⇒ Biomolecules
- ⇒ Cell cycle and cell division

## **ACCOUNTANCY:**

- ⇒ Introduction to accounting
- ⇒ Basic accounting terms
- ⇒ Theory base of accounting
- ⇒ recording of business transactions
  1. Accounting equation
  2. Journal
  3. Ledger
  4. Cash Book
  5. Special purpose subsidiary book
- ⇒ bank reconciliation on statement

## **BUSINESS STUDIES:**

- ⇒ Evolution and fundamentals of business
- ⇒ Forms of business organization
- ⇒ Public, private, and global enterprises
- ⇒ Business services
- ⇒ Emerging modes of business.

## **ECONOMICS:**

### **Part – A (Statistics for Economics)**

- ⇒ Unit 1: Introduction
- ⇒ Unit 2: Collection, Organization and Presentation of data

### **Part – B (Introductory Microeconomics)**

- ⇒ Unit 4: Introduction
- ⇒ Unit 5: Consumer's Equilibrium and Demand and price elasticity of demand

## **PHYSICAL EDUCATION:**

- ⇒ Changing trends and Career in Physical Education
- ⇒ Olympic Value Education
- ⇒ Yoga
- ⇒ Physical Education and Sports for CWSN
- ⇒ Physical fitness, Lifestyle and Health Wellness

## **APPLIED MATHEMATICS (241):**

- ⇒ Numbers
- ⇒ Indices and Logarithms
- ⇒ Quantitative Aptitude
- ⇒ Mensuration
- ⇒ Sets and Relations
- ⇒ Sequence and Series
- ⇒ Permutation and Combination

## **INFORMATICS PRACTICES (065):**

- ⇒ Introduction to computer system
- ⇒ Introduction to python (Getting started with python and data handling.)
- ⇒ Introduction to python (Python fundamentals)
- ⇒ Database Concepts

## **ARTIFICIAL INTELLIGENCE**

### **PART - A: An Employability skills**

- ⇒ Unit - 1: communication skills – III
- ⇒ Unit - 2: self-Management skill – III

### **PART – B: Subject specific skills**

- ⇒ Introduction of AI for Everyone.
- ⇒ Unlocking future in AI.
- ⇒ Python Programming.

## **PAINTING**

- ⇒ Pre – History Rock Painting and Art of Indus Valley
- ⇒ The Buddhist, Jain & Hindu Art.

## **विषय: हिन्दी (302)**

### **आरोह भाग – 1**

- ⇒ नमक का दरोगा (प्रेमचंद)
- ⇒ मियाँ नसीरुद्दीन (कृष्णा सोबती)
- ⇒ हम तौ एक – एक करि जाना (कबीर)

### **वितान भाग – 1**

- ⇒ भारतीय गायिकाओं में बेजोड़ – लता मंगेशकर (कुमार गंधर्व)

- ⇒ अभिव्यक्ति और माध्यम एवं लेखन:
- ⇒ जनसंचार माध्यम
- ⇒ पत्रकारिता के विभिन्न आयाम
- ⇒ शब्दकोश
- ⇒ अपठित गद्यांश एवं पद्यांश

## **HISTORY:**

### **(Themes In World History)**

Chapter 1: Writing & City Life

Chapter 2: An Empire across three continents

Chapter 3: Nomadic Empires

## **GEOGRAPHY:**

### **Book I : India: Physical Environment**

Unit - I Chapter 1: India: Location

Unit - II : Physiography

Chapter 2: Structure and physiography

Chapter 3: Drainage System

### **Book II: Fundamentals of Physical geography**

Unit -I Chapter 1: Geography as a Discipline

Unit -II: The Earth

Chapter 4: Distribution of oceans and continents

Chapter 6: Geomorphic processes

Chapter 7: Landforms and their evolution

Unit – III Chapter 5: Land Resources and Agriculture

Chapter 6: Water Resources

Chapter 7: Minerals and Energy Resources

### **Book III: Practical works in Geography, Part I**

Chapter 1: Introduction to Maps

Chapter 2: Map Scale

Chapter 2: Latitude, Longitude and Time

## **POLITICAL SCIENCE:**

### **Book: Indian Constitution at Work**

Ch - 1 Constitution: Why and How?

Ch - 2 Rights in the Indian Constitution

Ch - 3 Election and Representation

Ch - 4 Executive

### **Book 2 Political Theory**

Ch - 1 Political Theory- An Introduction

Ch - 2 Freedom

Ch - 3 Equality

Ch - 4 Social Justice