



# Yuvashakti Model School

इशोकेहा अरु इण्डेक्रीते

C-Block Rama Vihar, Sector 39 Rohini, Delhi - 110081

## SYNOPSIS (2026-27)

CLASS – XI

ENGLISH (CORE)

### Prescribed Books:

Hornbill - NCERT  
Snapshots – NCERT

### UNIT TEST-I

#### HORNBILL

Ch. - 1 The Portrait of a Lady  
P - A Photograph

#### SNAPSHOTS

Ch.-1 The Summer of the Beautiful White Horse

#### GRAMMAR

Reordering of sentences

#### WRITING SKILLS

Poster

#### READING SKILL

Unseen passage

### HALF YEARLY EXAMINATION

#### HORNBILL

Ch.-2 We're not afraid to die---if we all can be together  
P-The Laburnum Top  
P-The Voice of the Rain

#### SNAPSHOT

Ch.-2 The Address

#### GRAMMAR

Gap filling (Tenses)

#### WRITING SKILLS

Advertisement

Speech

#### READING SKILLS

Unseen passage for comprehension

Unseen passage for Note making and Summary

Internal assessment - Assessment of listening skill and speaking skill

**Note: Unit Test-I syllabus will be included in Half-Yearly examination.**

### UNIT TEST-II

#### HORNBILL

Ch-3 Discovering Tut  
P- Childhood

#### SNAPSHOT

Ch-3- Mother's Day

## GRAMMAR

Reordering of sentences

## WRITING SKILLS

Advertisement

## READING SKILLS

Unseen passage for comprehension

Unseen passage for Note making and Summary

## ANNUAL EXAMINATION

### HORNBILL

Ch- 4 The Adventure

Ch-5 Silk Road

P-Father to Son

### SNAPSHOT

Ch-4 Birth

Ch-5 The Tail of Melon City

### WRITING SKILLS

Debate Writing

Internal Assessment - Project work and Viva

**Note: All the Syllabus of Half Yearly Examination, Unit Test-I and Unit Test – II will be included in Annual examination.**

## हिंदी ऐच्छिक

प्रस्तावित पुस्तकें:

1) अंतरा भाग-1

2) अंतराल भाग-1

अभिव्यक्ति और माध्यम

### प्रथम इकाई परीक्षा

#### अंतरा (गद्य खंड) –

प्रेमचंद - ईदगाह

अमरकान्त - दोपहर का भोजन

#### अंतरा (काव्य खंड) –

कबीर

अपठित गद्यांश

### अर्धवार्षिक परीक्षा

#### अंतरा (गद्य खंड) –

हरिशंकर परसाई – टॉर्च बेचने वाले

रांगेय राघव – गूँगे

#### अंतरा (काव्य खंड) –

सूरदास के पद

देव : हँसी की चोट , सपना, दरबार

#### अंतराल -

i. हुसैन की कहानी अपनी ज़बानी

**अभिव्यक्ति और माध्यम –**  
जनसंचार माध्यम  
पत्रकारिता के विविध आयाम

**लेखन –**

- i. दृश्य लेखन
- ii. औपचारिक पत्र  
अपठित बोध (गद्यांश और पद्यांश)

नोट-अर्धवार्षिक परीक्षा में प्रथम इकाई परीक्षा पाठ्यक्रम भी सम्मिलित होगा।

**द्वितीय इकाई परीक्षा**

**अंतरा (गद्य खंड) –**

सुधा अरोड़ा- महात्मा ज्योतिबा फुले  
ओमप्रकाश वाल्मीकि - खानाबदोश

**अंतरा (काव्य खंड) –**

सुमित्रानंदन पंत - संध्या के बाद

**वार्षिक परीक्षा**

**अंतरा (गद्य खंड) –**

पांडेय बेचन शर्मा 'उग्र'- उसकी माँ  
भारतेन्दु हरिश्चन्द्र – भारतवर्ष की उन्नति कैसे हो सकती है?

**अंतरा (काव्य खंड) –**

- i. महादेवी वर्मा – जाग तुझको दूर जाना
- ii. श्रीकांत वर्मा – हस्तक्षेप  
iii. नागार्जुन - बादल को घिरते देखा है
- iv. धूमिल - घर में वापसी

**अंतराल –**

- i. आवारा मसीहा – दिशाहारा

**अभिव्यक्ति और माध्यम**

- i. डायरी लिखने की कला
- ii. कथा-पटकथा
- iii. कार्यालयी लेखन और प्रक्रिया
- iv. स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र  
शब्दकोश संदर्भ ग्रंथों की उपयोगी विधि और परिचय

नोट-वार्षिक परीक्षा में प्रथम इकाई, द्वितीय इकाई, और अर्धवार्षिक परीक्षा पाठ्यक्रम भी सम्मिलित होगा।

**MATHEMATICS (041)**

**Textbook: NCERT**

**UNIT TEST-I**

Ch-1 Sets

Ch-2 Relation and function

**HALF YEARLY EXAMINATION**

Ch-3 Trigonometry

Ch-4 Complex Numbers

Ch-5 Linear inequalities

Ch-6 Permutation and combinations

**Note: Syllabus of UT-I will also be included in Half Yearly Examination**

### UNIT TEST – II

Ch-7 Binomial Theorem  
Ch-8 Sequence and series

### ANNUAL EXAMINATION

Ch-9 Straight lines  
Ch-10 Conic sections  
Ch-11 Introduction to 3-Dimensional Geometry  
Ch-12 Limits and Derivatives  
Ch-13 Statistics  
Ch-14 Probability

**Note: Whole Syllabus will be asked in the Annual Examination and the weightage of each Chapter will be given before Annual Examination**

## PHYSICS

**Textbook: NCERT**

Reference Book- Comprehensive Physics

### UNIT TEST-I

Unit 1 Physical world & Measurement  
Unit 2 Kinematics (motion in 1-D)

### HALF YEARLY EXAMINATION

Unit 2 Kinematics (Motion in plane)  
Unit 3 Laws of motion.  
Unit 4 Work Energy & Power

**Note 1: Unit 1 & Unit 2 (motion in 1-D) of Unit Test-I will also be included in Half Yearly Examination**

### UNIT TEST-II

Unit 5 Motion of system of particles & rigid bodies  
Unit 6 Gravitation.

### ANNUAL EXAMINATION

Unit 7 Properties of Bulk Matter  
Unit 8 Thermodynamics  
Unit 9 Behaviour of perfect gases & kinetic theory of gases.  
Unit 10 Oscillations & Waves

**Note 2: Units Covered in UT-I, Half Yearly & UT-II will also be included in Annual Examination.**

## CHEMISTRY

**Textbook: NCERT (Part -I & Part -II)**

Reference Books –

- Comprehensive Chemistry Volume I & II (Author-S. K. Khanna N. K. Verma)
- Pradeep's New Course Chemistry Volume I & II (Author- S.C. Kheterpal and S.N. Dhawan)

### UNIT TEST-I

Unit 1 Some Basic Concepts of Chemistry

### HALF YEARLY EXAMINATION

Unit 2 Structure of Atom

Unit 3 Classification of Elements and Periodicity in Properties

Unit 4 Chemical Bonding and Molecular Structure

**Note 1: Unit 1 of Unit Test -I will also be included in Half Yearly Examination.**

### UNIT TEST-II

Unit 5 Thermodynamics

### ANNUAL EXAMINATION

Unit 6 Equilibrium

Unit 7 Redox Reactions

Unit 8 Organic Chemistry: Some Basic Principles and Techniques

Unit 9 Hydrocarbons

**Note 2: Unit 3 & 4 of Half Yearly Examination and Unit 5 of Unit Test-II will also be included in Annual Examination.**

## BIOLOGY

**Textbook: NCERT**

### UNIT TEST- I

Ch-1 The Living World

Ch-2 Biological Classification

Ch-3 Plant Kingdom

### HALF YEARLY EXAMINATION

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

**Note 1: Ch-1, Ch-2 and Ch-3 of UT-I will also be included in Half Yearly Examinations.**

### UNIT TEST - II

Ch-10 Cell Cycle and Cell Division.

Ch-11 Photosynthesis in Higher plants.

Ch-12 Respiration in Plants.

### ANNUAL EXAMINATION

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.

**Note 2: All the chapters of Unit Test-I, Unit Test-II and Half Yearly Examination will be included in Annual Examination.**

### COMPUTER SCIENCE

#### Textbook – NCERT

Reference Book- Sumita Arora/ Preeti Arora

#### UNIT TEST-I

Ch.1 Computer System  
Ch.3 Getting Started with Python

#### HALF YEARLY EXAMINATION

Ch.4 Python Programming Fundamentals  
Ch.5 Conditional and Looping Constructs  
Ch.6 Strings in Python  
Ch.7 Lists in Python

**Note 1: Unit Test-1 syllabus will also be included in Half Yearly examination**

#### UNIT TEST-II

Ch. 8 Tuples in Dictionary  
Ch. 9 Introduction to Python Modules

#### ANNUAL EXAMINATION

Ch. 2 Data Representation and Boolean Logic  
Ch. 10 Society, Law and ethics  
Ch. 11 Cyber Safety

**Note 2: Entire Syllabus including Unit Test-I, II & Half Yearly Examination will be included in Annual Examination as per the CBSE syllabus**

### INFORMATICS PRACTICES

#### Textbook – NCERT

Reference Book- Sumita Arora/ Preeti Arora

#### UNIT TEST-I

Ch-1 Computer System  
Ch-2 Getting Started with Python

#### HALF YEARLY EXAMINATION

Ch-3 Python Programming Fundamentals  
Ch-4 Conditional and Looping Constructs

**Note 1: UT-I syllabus will also be included in Half Yearly Examination**

#### UNIT TEST-II

Ch-5 Lists in Python  
Ch-6 Dictionary

## ANNUAL EXAMINATION

Ch-7 Database Concepts  
Ch-8 Structured Query Language (SQL)  
Ch-9 Emerging Trends

**Note 2: Entire Syllabus including UT-I, II & Half Yearly Examination will be included in Annual Examination as per the CBSE syllabus**

## ACCOUNTANCY

**Textbook: Double Entry Book-keeping - TS Grewal**

### UNIT TEST - I

Ch-1 Introduction to Accounting  
Ch-2 Basic Accounting Terms  
Ch-3 Theory base of Accounting, Accounting Standards

### HALF YEARLY EXAMINATION

Ch-4 Bases of Accounting  
Ch-5 Accounting Equation  
Ch-6 Accounting Procedures – Rules of Debit and Credit  
Ch-7 Origin of Transactions – Source Documents  
Ch-8 Journal  
Ch-9 Ledger

**Note: Ch-1, 2 and 3 of Unit Test-I will also be included in Half Yearly Examination**

### UNIT TEST - II

Ch-10 Special Purpose Book I – Cash Book  
Ch-11 Special Purpose Book II – Other Book  
Ch-13 Bank Reconciliation Statement

## ANNUAL EXAMINATION

Ch-12 Accounting of Goods and Services Tax  
Ch-14 Trial Balance  
Ch-15 Depreciation  
Ch-16 Provision and Reserves  
Ch-17 Reconciliation of Errors

Ch-18 Financial Statement of Sole Proprietor  
Ch-19 Adjustment in Preparation of Financial Statements  
Ch-20 Accounts from Incomplete Records – Single Entry System  
Project Work

**Note: Complete syllabus will come in Annual Examination.**

## BUSINESS STUDIES

**Text Book** - B.Studies – G.S. Alag  
**Reference Book** – B. Studies – NCERT

### UNIT TEST-I

Ch-1 Nature and Purpose of Business

### HALF YEARLY EXAMINATION

Ch-2 Forms of Business Organisations  
Ch-3 Public, Private and Global Enterprises  
Ch-4 Business Services

**Note: Syllabus of Unit Test-I will also be included in Half Yearly Examination.**

### UNIT TEST-II

Ch-5 Emerging Modes of Business  
Ch-6 Social Responsibilities of Business and Business Ethics

### ANNUAL EXAMINATION

Ch-7 Sources of Business Finance  
Ch-8 Small Business  
Ch-9 Internal Trade  
Ch-10 International Business  
Project Work

**Note: The Complete syllabus will come in Annual Examination.**

### ECONOMICS

**Textbook:** 1 Micro Economics  
2 Statistics - Sandeep Garg

### UNIT TEST – I

#### Micro Economics

Ch-1 Introduction  
Ch-2 Consumer's Equilibrium

### HALF-YEARLY EXAMINATION

#### Micro Economics

Ch-3 Demand  
Ch-4 Elasticity of Demand  
Ch-5 Production Function

#### Statistics

Ch-1 Economics – An Introduction  
Ch-2 Meaning, Scope and Importance of Statistics  
Ch-3 Collection of Data  
Ch-8 Arithmetic Mean

**Note: Ch-1 and Ch. 2 of Unit Test-I (Micro Economics) will also be included in the Half Yearly Examination.**

### UNIT TEST-II

#### Micro Economics

Ch- 6 Cost  
Ch- 7 Revenue  
Ch- 8 Producer's Equilibrium

### ANNUAL EXAMINATION

#### Micro Economics

Ch- 9 Supply

Ch- 10 Market  
Ch- 11 Price Determination and Simple Applications

### **Statistics**

Ch- 4 Organisation of Data  
Ch- 5 Tabular Presentation  
Ch- 6 Diagrammatic Presentation  
Ch- 7 Graphic Presentation  
Ch- 9: Median and Mode  
Ch- 10 Correlation  
Ch- 11: Index Numbers

**Note: The Complete syllabus will come in Annual Examination**

## **POLITICAL SCIENCE**

Prescribed Books: Indian Constitution and Political Theory by B.B Tayal

### **UNIT TEST-I**

1. Political Theory: An Introduction
2. Freedom

### **HALF YEARLY EXAMINATION**

3. Equality
4. Social Justice
5. Rights
6. Citizenship

**All the chapters given in Unit Test-I will also be included in Half Yearly Examination.**

### **UNIT TEST-II**

7. Nationalism
8. Secularism

### **ANNUAL EXAMINATION**

1. Constitution: Why and how?
2. Rights in the Indian Constitution
3. Election and Representation
4. Legislature
5. Executive
6. Judiciary
7. Federalism
8. Local Governments
9. Constitution as a Living Document
10. The Philosophy of the Constitution

**All the chapters given in Unit Test-I, Unit Test-II and Half Yearly Examination will also be included in Annual Examination.**

## HISTORY

### Textbook: NCERT

History: Theme in World History

### UNIT TEST-I

Ch-1 Writing and city life

### HALF YEARLY EXAMINATION

Ch-2 An Empire Across Three Continents

Ch-3 Nomadic Empire

**Note: Syllabus of Unit Test-I will also be included in Half Yearly Examination.**

### UNIT TEST - II

Ch-4 The Three Orders

### ANNUAL EXAMINATION

Ch-5 Changing Cultural Tradition

Ch-6 Displacing Indigenous People

Ch-7 Paths to Modernization

**Note: Syllabus of UT-I, UT-II and Half Yearly Examination will also be included in Annual Examination.**

## GEOGRAPHY

Textbook: NCERT

Book-1 Fundamentals of Physical Geography

Book-2 India: Physical Environment

### UNIT TEST - I

Book-1

Ch-1 Geography as a Discipline

Book-2

Ch-1 India- Location

### HALF YEARLY EXAMINATION

Book-1

Ch-2 The Origin and Evolution of the Earth

Ch-3 Interior of the Earth

Ch-4 Distribution of Oceans and Continents

Book-2

Ch-2 Structure and Physiography

Ch-3 Drainage System

**Note: Ch-1 of Book-1 and Book-2 of Unit test-I will also be included in Half Yearly Examination**

### UNIT TEST-II

Book-1

Ch- 5 Geomorphic Processes

Book-2

Ch-4 Climate

## ANNUAL EXAMINATION

Book-1

Ch.6 Landforms and their Evolution

Ch.7 Composition and Structure of Atmosphere

Ch-8 Solar Radiation, Heat Balance and Temperature

Ch-9 Atmospheric Circulation and Weather Systems

Ch-10 Water in the Atmosphere

Ch-11 World Climate and Climate Change (To be tested through internal assessments in the form of project and presentation)

Ch-12 Water (Oceans)

Ch-13 Movements of Ocean Water

Ch-14 Biodiversity and Conservation (To be tested through internal assessments in the form of project and presentation)

Book-2

Ch-5 Natural Vegetation

Ch-6 Natural Hazards and Disasters (To be tested through internal assessments in the form of project and presentation)

**Note: Syllabus of UT-I, UT-II & Half Yearly Examination will also be included in Annual Examination.**

## PHYSICAL EDUCATION

**Textbook: Health and Physical Education**

### UNIT TEST-I

Unit1 Changing trends and careers in physical education

### HALF YEARLY EXAMINATION

Unit 2 Olympism value education

Unit 3 Yoga

Unit 4 Physical education and sports for children with special needs

**Note: Syllabus given in Unit Test-I will also be included in Half Yearly Examination.**

### UNIT TEST-II

Unit 5 Physical fitness, wellness and lifestyle

Unit 6 Test, measurement and evaluation

## ANNUAL EXAMINATION

Unit 7 Fundamentals of anatomy physiology in sports

Unit 8 Fundamental of Kinesiology and biomechanics

Unit 9 Physiology and sports

Unit 10 Training and doping in sports

**Note: Syllabus of UT-I, UT-II & Half Yearly Examination will also be included in Annual Examination.**

## PSYCHOLOGY

**Textbook: NCERT**

### UNIT TEST-I

Ch-1 What is Psychology?

Ch-2 Methods of enquiry in psychology.

### HALF YEARLY EXAMINATION

Ch-3 Human Development

Ch-4 Sensory, attentional and perceptual processes

Ch-5 Learning

**Note: Syllabus of UT I will also be included in the Half Yearly Examination.**

### UNIT TEST-II

Ch-6 Human Memory

Ch-7 Thinking

### ANNUAL EXAMINATION

Ch-8 Motivation and Emotion

**Note: Syllabus of UT-I, UT-II and Half Yearly Examination will also be included in Annual Examination.**