



Yuvashakti Model School

इतिहास और इतिहास

Sector-III, Rohini, Delhi-110085

SYNOPSIS 2024-25

CLASS XII

English Core

Text Books:

Flamingo (Poetry and Prose) - NCERT

Vistas (Prose) - NCERT

UNIT TEST - I

Reading Skills: Unseen Passage- Descriptive, Case study based etc.

Flamingo– Ch-1 The Last Lesson

Ch_2 Lost Spring

Vistas – Ch-1 The Third Level

Ch-2 The Tiger King

Poem- P-1 My Mother At Sixty-Six

Writing Skills - Notice Writing

Article Writing

HALF YEARLY EXAMINATION

Reading Skills: Unseen Passage- Descriptive, Case study based etc.

Flamingo Ch-3 Deep Water

Ch-4 The Rattrap

Ch-5 Indigo

Poetry – P-2 Keeping Quiet

P-3 A Thing of Beauty

P-4 A Road side Stand

Vistas– Ch-3 - Journey to the End of the World

Ch-4 - The Enemy

Ch-5 On the Face of it

Writing Skills– Invitations Formal /Informal

Letters (Formal) Editor

Report Writing

Job application

NOTE: Syllabus covered in Unit Test -1 will also be included in Half-Yearly.

Pre Board

Reading Skills: Unseen Passage- Descriptive, Case study based etc.

Flamingo – Ch_6 Poets & Pancakes

Ch-7 The Interview

Ch - 8 Going Places

Poem - P-5 Aunt Jennifer's Tigers

Vistas - Ch-6 Memories of Childhood

Full Syllabus as prescribed by CBSE will be include in Pre-Board Examination

Mathematics

Text Book-NCERT

UNIT TEST – I

S.NO	CHAPTER NUMBER	NAME OF THE CHAPTER
1.	1.	Relations and Functions
2.	2.	Inverse Trigonometric Functions
3.	3.	Matrices

HALF YEARLY EXAMINATION

4.	4.	Determinants
5.	5.	Continuity and Differentiability
6.	6.	Application of Derivatives
7.	7.	Integrals
8.	8.	Application of integrals

NOTE: In Half Yearly examinations the chapters of unit test-I are also be included.

PRE BOARD EXAMINATION

9.	9.	Differential Equations
10.	10.	Vector Algebra
11.	11.	Three Dimensional Geometry
12.	12.	Linear Programming
13.	13.	Probability

NOTE: Whole syllabus will be asked and the weight age of each chapter will be decided as per the CBSE norms.

Physics

Text Book – NCERT

Reference Book- Comprehensive Physics

UNIT TEST - I

Unit 1 : Electrostatics

Unit 2 : Current Electricity

HALF YEARLY EXAMINATION

Unit 3 : Magnetic effects of Current & Magnetism

Unit 4 : EMI

Unit 5 : Alternating Currents

Unit 6 : E M Waves

Unit 9 : Atoms & Nuclei

Note : Unit 1 & 2 of Unit Test-I will also be included in Half Yearly Examination

PRE – BOARD EXAMINATION - I

Unit 7 : Ray Optics, Optical Instruments & Wave optics.

Unit 8 : Dual nature of Matter & Radiation.

Unit 10 : Semiconductors Electronics.

Note : Units Covered in UT-1 & Half Yearly will also be included in Pre-Board1 Examination

Whole Syllabus as Prescribed by CBSE

Chemistry

Textbook – NCERT (Part -I & Part -II)

Reference Books-

- Comprehensive Chemistry Volume I & II (Author-S. K. Khanna N. K. Verma)
- Dinesh Companion Chemistry Volume I & II (Author-S.K. Malhotra)

Unit Test

Unit 6 : Haloalkanes and Haloarenes

Unit 7 : Alcohols, Phenols and Ethers

HALF YEARLY EXAMINATION

Unit 8 : Aldehydes, Ketones and Carboxylic Acids

Unit 9 : Amines

Unit 10 : Biomolecules

Note: Unit 6 & 7 of Unit Test will also be included in Half Yearly Examination.

PRE-BOARD EXAMINATION

Whole syllabus prescribed by CBSE.

Biology

Textbook – NCERT

Reference Book-MTG

Unit Test

Ch-1-Sexual Reproduction in Flowering Plants

Ch-2 Human Reproduction

Ch-3-Reproductive Health

HALF YEARLY EXAMINATION

Ch-4-Principles of Inheritance and Variations

Ch-5-Molecular Basis of Inheritance

Ch-6-Evolution

Ch-7-Human Health and Disease

Ch-8-Microbes in Human Welfare

Ch-9-Biotechnology : Principles and Processes

Ch-10-Biotechnology and it's Applications

Note: Ch. 1,2 & 3 of Unit Test will also be included in Half Yearly Examination.

PRE-BOARD EXAMINATION

Ch-11-Organisms and Population

Ch-12-Ecosystems

Ch-13-Biodiversity and Conservation

Complete syllabus as mentioned by CBSE will be included in Pre-Board Examination.

Accountancy

Text Book – T.S. Grewal

UNIT – I

Ch-I Accounting for partnership firm – Fundamental

Ch-II Good Will – Nature & Valuation

Ch-III Change in the Profit Sharing Ratio among the ex– Nature & Valuation Ch–partners.

Ch-IV Admission of a partner

HALF YEARLY EXAM.

Ch-V Retirement & Death of a Partner

Chapter Ch-VI Dissolution of a Partnership Firm

Book – II (Accounting for Companies)

Ch-I Accounting for Share Capital (Up to Accounting treatment of for feature and reissue of shares.)

Note: Syllabus of UT-I will also be included in half yearly examination.

PRE BOARD EXAMINATION

Ch-I Issue of share remaining part

Ch-II Issue of debentures

BOOK - III

Ch-I Financial statements of a company

Ch-II Financial statements analysis

Ch-III Tools of Financial statement

Ch-IV Accounting Ratio

Ch-V Cash Flow statement

Note: Syllabus of UT-I & Half Yearly Exam will also be included in Pre Board examination.

Business Studies

Text Book - B. Studies – G. S. Alag

Part A - Principles and Functions of Management

Part B – Business Finance and Marketing

Reference Book – B. Studies – NCERT

Part A - Principles and Functions of Management

Part B – Business Finance and Marketing

UNIT TEST - I

Part A - Principles and Functions of Management

Ch-1 Nature and Significance of Management

Ch-2 Principles of Management

Ch-3 Business Environment

HALF YEARLY EXAMINATION

Ch-4 Planning

Ch-5 Organising

Ch-6 Staffing

Ch-7 Directing

Ch-8 Controlling

Part B – Business Finance and Marketing

Ch-9 Financial Management

Ch-10 Financial Markets

Note: All the chapters given in UT-1 will also be include in Half Yearly Examination.

PRE-BOARD EXAMINATION

Part B – Business Finance and Marketing

Ch-11 Marketing

Ch-12 Consumer Protection

Part C – Project Work

Note: The complete syllabus (Chap 1 to Chap 12) will be included in Pre-Board Examination.

Economics

Reference Book : Sandeep Garg

UNIT TEST-1

Macro

Ch-1 Circular Flow of Income

Ch-2 Basic Concepts of Macro economics

Ch-3 National Income and Related Aggregates

Ch-4 Measurement of National Income

HALF YEARLY EXAMINATION

Macro

Ch-5 Money

Ch-6 Banking

Indian Economics

Ch-1 Indian Economy on the Eve of Independence

Ch-2 Indian Economy (1950-1990)

Ch-3 (NEP1991) Liberalisation, Privatisation and Globalisation

Ch-4 Human Capital Formation in India

Ch-5 Rural Development

All the chapters given in UT-1 will also be included in Half Yearly Examination.

PRE-BOARD EXAMINATION

Macro

Ch-7 Aggregate Demand and Related Concepts

Ch-8 Income Determination and Multiplier.

Ch-9 Excess Demand and Deficient Demand

Ch-10 Government Budget

Ch-11 Foreign Exchange Rate

Ch-12 Balance of Payment

Indian Economics

Ch-6 Employment: Growth, Informalisation and other issues.

Ch-7 Environment and Sustainable Development.

Ch-8 Comparative Development Experience of India and its Neighbours

All the chapters given in UT-1 and Half yearly examination will also be included in Pre-board Examination.

Geography

Text Books : N.C.E.R.T

Book-1 Fundamentals of Human Geography

Book-2 India: People and Economy

UNIT TEST - I

Book-1

Ch-1 Human Geography – Nature and Scope

Ch-2 The World Population Distribution, Density and Growth

Book-2

Ch-1 Population : Distribution, Density, Growth and Composition

HALF YEARLY EXAMINATION

Book-1

Ch-3 Human Development

Ch-4 Primary Activities

Ch- 5 Secondary Activities

Book-2

Ch-2 Human Settlements

Ch-3 Land, Resources and Agriculture

Ch-4 Water Resources

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

PRE-BOARD EXAMINATION

Book-1

Ch-6 Tertiary and Quaternary Activities

Ch-7 Transport and Communication

Ch-8 International Trade

Book-2

Ch-5 Mineral and Energy Resources

Ch-6 Planning and Sustainable Development in Indian Context

Ch-7 Transport and Communication

Ch-8 International Trade

Ch-9 Geographical Perspective on Selected Issues and Problems

Note- Syllabus of UT-I and Half Yearly Examination will also be included in Pre-Board Examination.

History

*Prescribed Books by N.C.E.R.T

Themes In Indian History

(Part - I,II,III)

UNIT TEST - I

Ch. 1 Bricks Beads and Bones

Ch. 2 Kings Farmers and Towns

HALF YEARLY EXAMINATION

Ch. 3 Kinship ,Castes and Class

Ch. 4 Thinkers ,Believes and Buildings

Ch. 5 Through The Eyes Of Travelers

Ch. 6 Bhakti _Sufi Tradition

Ch. 7 An Imperial Capital Vijayanagar

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

PRE BOARD EXAMINATION

Ch. 8 Peasant ,Zamindars and States

Ch. 9 Colonialism and Countryside

Ch. 10 Rebels and Raj

Ch. 11 Mahatma Gandhi and National Movement

Ch. 12 Framing The Constitution

Note: Syllabus of Unit Test-I and Half yearly Examination will also be included in the Pre Board Examination.

Political Science

Prescribed Books by N.C.E.R.T

Book-1 CONTEMPORARY WORLD POLITICS

Book-2 POLITICS IN INDIA SINCE INDEPENDENCE

UNIT TEST - I**Book-1**

Ch-1 The End of Bipolarity

Ch-2 Contemporary Centres of Power

Ch-3 Contemporary South Asia

Ch-4 International Organizations

HALF YEARLY EXAMINATION**Book-1**

Ch-5 Security in the Contemporary World

Ch-6 Environment and Natural Resources

Ch-7 Globalisation

Book -2

- Ch-1 Challenges of Nation-Building
- Ch-2 Era of One-Party Dominance
- Ch-3 Politics of Planned Development
- Ch-4 India's External Relations
- Ch-5 Challenges to and Restoration of the Congress System

All the chapters given in UT-I will also be included in Half Yearly Examination.

PRE-BOARD EXAMINATION**Book- 2**

- Ch-6 The Crisis of Democratic order
- Ch-7 Regional Aspirations
- Ch- 8 Recent Developments in Indian Politics

All the chapters given in UT-I and Half Yearly examination will also be included in Pre-Board Examination.

Psychology

Text Book- Psychology Class XII NCERT

UNIT TEST- I

- Chapter 1 Variations in psychological attributes
- Chapter 2: self and personality
- Chapter 3: Meeting life challenges

HALF YEARLY EXAMINATION

- Chapter 4 : Psychological disorders
- Chapter 5: Therapeutic Approaches
- Chapter 6: Attitude and Social cognition

Note- Entire Syllabus of UT- I will be added in Half Yearly Examinations

PRE BOARD - I

- Chapter 7: Social Influence and group process

Note- Entire syllabus of UT I and Half Yearly will also be added in Pre Board.

Physical Education

Text book of Physical education

TERM – I

UT -I

- Ch-1 Management of Sporting Events

HALF YEARLY EXAMINATION

Ch-2 – Children & Women in Sports

Ch-3 – Yoga as preventives measure

Ch-4 – Physical Education & Sports for CWSN

Ch-5 – Sports & nutrition

Note : Chapter 1 of UT-I will also included in Haly Yearly Exams.

Term – II

UT – II

Ch-6 – Test & measurement in Sports

Pre Board – I

Ch-7 – Physiology & injuries in Sports

Ch-8 – Biomechanics & Sports

Ch-9 – Psychology & Sports

Ch-10 – Training in Sports

Note : Complete syllabus will be given in Pre Board – I

Pre Board – II - Complete syllabus will be given in Pre Board Exam.

Computer Science

Text Book – NCERT

Reference Book- Sumita Arora/Preeti Arora

UNIT TEST - I

Ch-7: Understanding Data

Ch-8: Database Concepts

Ch-9: SQL

HALF YEARLY EXAMINATION

Ch-1: Exception Handling in Python

Ch-2: File Handling in Python

Ch-3: Stack

Note: UT-1 syllabus will also be included in Half Yearly examination

PREBOARD EXAMINATION- I & II

Ch-10: Computer Networks

Ch-11: Data Communication

Ch-12: Security Aspects

Note: Entire Syllabus including Ut-1 & Half Yearly will be included in Pre-board Examination as per the CBSE syllabus

Informatic Practices

Text Book – NCERT Reference Book- Sumita Arora/ Preeti Arora

UNIT TEST – I

Ch-1: Querying and SQL Functions

HALF YEARLY EXAMINATION

Ch-2: Data Handling using Pandas-1

Ch-5: Internet and Web

Ch-6: Societal Impacts

Note: UT-1 syllabus will also be included in Half Yearly examination

PREBOARD EXAMINATION- I & II

Ch-3: Data Handling using Pandas-2

Ch-4: Plotting Data using MATPLOTLIB

Note: Entire Syllabus including Ut-1 & Half Yearly will be included in Pre-board Examination as per the CBSE syllabus