



Yuvashakti Model School

इशौरइहा aur इअइकरोडे

Sector-III, Rohini, Delhi-110085

SYNOPSIS 2023 - 24 **CLASS - XII**

AN ISO
9001 : 2015
CERTIFIED

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ENGLISH

Text Books:

Flamingo (Poetry and Prose) - NCERT

Vistas (Prose) - NCERT

UNIT TEST - I

Unseen Passage- Descriptive, Case study based etc.

Flamingo –L-1 The Last Lesson

L-2 Lost Spring

Vistas –L-1 The Third Level

L-2 The Tiger King

Poem- P-1 My Mother At Sixty-Six

Writing Skills - Notice Writing

Article Writing

HALF YEARLY EXAMINATION

Unseen Passages

Flamingo – L-3 Deep Water

L-4 The Rattrap

L-5 Indigo

Poetry – P-2 Keeping Quiet

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

L-4 The Enemy

Writing Skills – Invitations Formal

Letters (Formal) Editor

Report Writing

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

PRE BOARD EXAMINATION - I

Unseen Passages

Flamingo – L-6 Poets & Pancakes

L-7 The Interview

Vistas – L-5 On the Face of it

Poem - P-3 A Thing of Beauty

P-4 A Road side Stand

Writing Skills – Letter to Editor

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

Writing Skills – Letter to Editor

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

PRE-BOARD EXAMINATION - II

Unseen Passages
Flamingo - L-8 Going Places
Vistas –L-6 Memories of Childhood
Poem –P5 Aunt Jennifer’s Tiger
Writing Skills – Invitation Formal/Informal
Job application

NOTE: Syllabus covered in Pre-Board 1 examination will also be included in PRE- BOARD II.
Note: Full Syllabus as prescribed by CBSE will be included in PRE-BOARD-2 Examination.

MATHEMATICS

Text Book-NCERT
Reference Book: R.S. Aggarwal

UNIT TEST - I

1. Relations and Functions
2. Inverse Trigonometric Functions
3. Matrices
4. Determinants

HALF YEARLY EXAMINATION

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

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

PRE BOARD EXAMINATION - I

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

NOTE: Half Yearly examination syllabus will also be included in first Pre-Board examination.

PRE BOARD EXAMINATION - II

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 & Unit 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 : Semiconductor Electronics.

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

PRE – BOARD EXAMINATION - II

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 - I

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 -I will also be included in Half Yearly Examination.

PREBOARD EXAMINATION-I

Unit 1 : Solutions

Unit 2 : Electrochemistry

Unit 3 : Chemical Kinetics

Unit 4 : The d- & f- Block Elements

Unit 5 : Coordination Compounds

Note: Unit 6,7,8,9 & 10 of Half Yearly Examination will also be included in Preboard Examination-I

PREBOARD EXAMINATION-II

Whole syllabus prescribed by CBSE.

BIOLOGY

Text Book-NCERT

Reference Book: Comprehensive

UNIT TEST - I

Ch-1-Sexual Reproduction in Flowering Plants

Ch-2Human 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

Note: Ch-1,Ch-2,and Ch-3 of U.T-1 will also be included in Half Yearly Examination.

PRE-BOARD EXAMINATION - I

Ch-9-Biotechnology:Principles and Processes

Ch-10-Biotechnology and it's Applications

Ch-11-Organisms and Population

Ch-12-Ecosystems

Ch-13-Biodiversity and Conservation

Note: Complete HY syllabus will be included in Pre-Board 1

PRE-BOARD EXAMINATION - II

Complete syllabus as mentioned by CBSE.

COMPUTER SCIENCE

Text Book – NCERT

Reference Book- Sumita 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

Ch-4: Queue

Ch-5: Sorting

Ch-6: Searching

Ch-7: Understanding Data

Ch-8: Database Concepts

Ch-9: SQL

UNIT TEST - II

Ch-10: Computer Networks

Ch-11: Data Communication

Ch-12: Security Aspects

PREBOARD EXAMINATION- I & II

Complete Syllabus

INFORMATIC PRACTICES

Text Book – NCERT

Reference Book- Sumita Arora

UNIT TEST - I

Ch-1: Querying and SQL Functions

Ch-5: Internet and Web

HALF YEARLY EXAMINATION

Ch-1: Querying and SQL Functions
Ch-2: Data Handling using Pandas-1
Ch-5: Internet and Web
Ch-6 : Societal Impacts

UNIT TEST-II

Ch-3: Data Handling using Pandas-2
Ch-4: Plotting Data using MATPLOTLIB

PREBOARD EXAMINATION- I & II

Complete Syllabus

GEOGRAPHY

Prescribed Books by N.C.E.R.T
Book-1 Fundamentals of Human Geography
Book-2 India: People and Economy

UNIT TEST - I

Book-1
Unit-I
Ch-1 Human Geography – Nature and Scope
Unit-II
Ch-2 The World Population Distribution, Density and Growth
Book-2
Unit-I
Ch-1 Population : Distribution, Density, Growth and Composition
Ch-2 Human Settlements

HALF YEARLY EXAMINATION

Book-1
Unit-II
Ch-3 Human Development
Unit-III
Ch-4 Primary Activities
Ch- 5 Secondary Activities
Book-2
Unit-II
Ch-2 Human Settlements

Unit-III

Ch-3 Land, Resources and Agriculture

Ch-4 Water Resources

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

PRE-BOARD EXAMINATION - I

Book-1

Unit-I

Ch-1 Human Geography – Nature and Scope

Unit-II

Ch-2 The World Population Distribution, Density and Growth

Ch-3 Human Development

Unit-III

Ch-4 Primary Activities

Ch-5 Secondary Activities

Ch-6 Tertiary and Quaternary Activities

Ch-7 Transport and Communication

Ch-8 International Trade

Book-2

Unit-I

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

Unit-II

Ch-2 Human Settlements

Unit-III

Ch-3 Land, Resources and Agriculture

Ch-4 Water Resources

Ch-5 Mineral and Energy Resources

Ch-6 Planning and Sustainable Development in Indian Context

Unit-IV

Ch-7 Transport and Communication

Ch-8 International Trade

PRE-BOARD EXAMINATION - II

Book-1

Unit-I

Ch-1 Human Geography – Nature and Scope

Unit-II

Ch-2 The World Population Distribution, Density and Growth

Ch-3 Human Development

Unit-III

Ch-4 Primary Activities
Ch-5 Secondary Activities
Ch-6 Tertiary and Quaternary Activities
Ch-7 Transport and Communication
Ch-8 International Trade

Book-2

Unit-I

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

Unit-II

Ch-2 Human Settlements

Unit-III

Ch-3 Land, Resources and Agriculture

Ch-4 Water Resources

Ch-5 Mineral and Energy Resources

Ch-6 Planning and Sustainable Development in Indian Context

Unit-IV

Ch-7 Transport and Communication

Ch-8 International Trade

Unit-V

Ch-9 Geographical Perspective on Selected Issues and Problems

ECONOMICS

Reference Book – Sandeep Garg

UNIT TEST – I

Macro

Chapter – 1: Circular Flow of Income

Chapter – 2: Basic Concepts of Macro economics

Chapter – 3: National Income and Related Aggregates

Chapter – 4: Measurement & National Income

HALF YEARLY EXAMINATION

Macro

Chapter – 5: Money

Chapter – 6: Banking

Indian Economics

Chapter – 1: Indian Economy on the Eve of Independence

Chapter – 2: Indian Economy (1950 – 1990)

Chapter – 3: Liberalisation, Privatisation and Globalisation

Chapter – 5: Human Capital Formation

Note: - Chapter 1 to Chapter 4 of unit Test 1 will also be included in Half Yearly Examination.

PRE BOARD EXAMINATION – I

Macro

Chapter – 1: Circular Flow of Income

Chapter – 2: Basic concepts of Macro Economics

Chapter – 3: National Income and Related Aggregates

Chapter – 4: Measurement & National Income

Chapter – 5: Money

Chapter – 6: Banking

Chapter – 7: Aggregate Demand and Relative Concepts

Chapter – 8: Income Determination and Multipliers.

Chapter – 9: Excess Demand and Deficient Demand

Chapter – 10: Government Budget

Indian Economics

Chapter – 1: Indian Economy on the Eve of Independence

Chapter – 2: Indian Economy (1950 – 1990)

Chapter – 3: Liberalisation, Privatisation and Globalisation

Chapter – 5: Human Capital Formation

Chapter – 6: Rural Development

Chapter – 7: Employment: Growth, Informalisation and other issues

Chapter – 9: Environment and Sustainable Development.

PRE BOARD EXAMINATION – 2

Macro

Chapter – 1: Circular Flow of Income

Chapter – 2: Basic concepts of Macro Economics

Chapter – 3: National Income and Related Aggregates

Chapter – 4: Measurement & National Income

Chapter – 5: Money

Chapter – 6: Banking

Chapter – 7: Aggregate Demand and Relative Concepts

Chapter – 8: Income Determination and Multipliers.

Chapter – 9: Excess Demand and Deficient Demand

Chapter – 10: Government Budget

Chapter – 11: Foreign Exchange Rate

Chapter – 12: Balance of Payment

Indian Economics

- Chapter – 1: Indian Economy on the Eve of Independence
- Chapter – 2: Indian Economy (1950 – 1990)
- Chapter – 3: Liberalisation, Privatisation and Globalisation
- Chapter – 5: Human Capital Formation
- Chapter – 6: Rural Development
- Chapter – 7: Employment: Growth, Informalisation and other issues
- Chapter – 9: Environment and Sustainable Development.
- Chapter – 10: Comparative Development Experience of India and its Neighbours

HISTORY

Book :THEMES IN INDIAN HISTORY I, II,III Book

UNIT TEST - I

- 1....Bricks Beads and Bones
- 2... Kings Farmers and Towns

HALF YEARLY EXAMINATION

- 3... Kinship ,Castes and Class
- 4...Thinkers ,Believes and Buildings
- 5...Through The Eyes Of Travellers
- 6...Bhakti _Sufi Tradition
- 7...An Imperial Capital Vijayanagar
- 8...Peasant ,Zamindars and States

NOTE: Chapter 1....Bricks Beads and Bones
2... Kings, Farmers and Towns.....will be included in Half Yearly Examination

PRE BOARD EXAMINATION - I

- 1...Bricks beads and bones
- 2... Kings ,Farmers and Towns
- 3... Kinship ,Castes and Class
- 4...Thinkers ,Believes and Buildings
- 5...Through The Eyes Of Travellers
- 6...Bhakti _Sufi Tradition
- 7...An Imperial Capital Vijayanagar
- 8...Peasant ,Zamindars and States
- 9... Colonialism and Countryside
- 10...Rebels and Raj
- 11...Mahatma Gandhi and National Movement
- 12....Framing The Constitution

PRE - BOARD EXAMINATION - II

- 1...Bricks ,Beads and Bones
- 2... Kings Farmers and Towns
- 3... Kinship ,Castes and Class
- 4...Thinkers ,Believes and Buildings
- 5...Through The Eyes Of Travellers
- 6...Bhakti _Sufi Tradition
- 7...An Imperial Capital Vijayanagar
- 8...Peasant ,Zamindars and States
- 9...Colonialism and Countryside
- 10...Rebels and Raj
- 11...Mahatma Gandhi and National Movement
- 12....Framing The Constitution

POLITICAL SCIENCE

BOOK1: CONTEMPORARY WORLD POLITICS

REFERENCE BOOK: B.B TAYAL

UNIT TEST - I

1. The End of Bipolarity
2. New Centres of Power
3. Contemporary South Asia
4. United Nations and its Organizations

HALF YEARLY EXAMINATION

5. Security in Contemporary World
6. Environment and Natural Resources
7. Globalization

BOOK2: POLITICS IN INDIA SINCE INDEPENDENCE

8. Challenges of Nation-Building
9. Planned Development

NOTE: UNIT TEST 1 SYLLABUS WILL ALSO BE INCLUDED IN HALF YEARLY EXAMINATION

PRE-BOARD EXAMINATION - I

BOOK2: POLITICS IN INDIA SINCE INDEPENDENCE

10. India's Foreign Policy
11. Parties and Party System in India
12. Democratic Resurgence
13. Regional Aspirations

14. Indian Politics: Recent Trends and Development

NOTE: ENTIRE SYLLABUS OF TERM 1 WILL ALSO BE INCLUDED IN PRE-BOARD 1

PRE-BOARD EXAMINATION - II

ENTIRE SYLLABUS AS GIVEN BY THE CBSE

BUSINESS STUDIES

Text Book – G.S. Alag

Reference Book – NCERT

UNIT TEST - I

Chapter-1 Nature and Significance of Management

Chapter-2 Principles of Management

Chapter-3 Business Environment

HALF YEARLY EXAMINATION

Chapter-1 Nature and Significance of Management

Chapter-2 Principles of Management

Chapter-3 Business Environment

Chapter-4 Planning

Chapter-5 Organising

Chapter-6 Staffing

Chapter-7 Directing

Chapter-8 Controlling

Chapter-11 Marketing Management

Chapter-12 Consumer Protection

(Note: Ch-1, 2 & 3 of UT - I will also be included in half yearly examination)

UNIT TEST - II

Chapter-9 Financial Management

Chapter-10 Financial Markets

PRE BOARD EXAMINATION - I

Chapter 1 to Chapter-12 Complete syllabus

PRE BOARD EXAMINATION - II

Chapter 1 to Chapter-12 Complete syllabus

ACCOUNTANCY

Unit Test - I

Unit 3 – Analysis of Financial Statements

Unit 4 - Cash Flow Statement

HALF YEARLY EXAMINATION

Unit 2 - Accounting for Companies

Unit 1 - Accounting for Partnership

Ch 1 - Fundamentals

Ch 2 - Goodwill

Ch 3 - Change in the Profit Sharing Ratio

Note :

Unit 3 & 4 of Unit Test - I will also be included in Half Yearly Examination.

PRE BOARD EXAMINATION - I

Unit 1 - Accounting for Partnership

Ch 4 – Admission of a New Partner

Ch 5 - Retirement of a Partner

Ch 6 - Death of a Partner

Ch 7 – Dissolution of a Partnership Firm

And

Complete Syllabus

Project Work

PRE BOARD EXAMINATION - II

Complete Syllabus

PSYCHOLOGY

TEXTBOOK- Psychology Class XII NCERT

UNIT TEST-I

Chapter 1 Variations in psychological attributes

HALF YEARLY EXAMINATION

Chapter 2: self and personality

Chapter 3: Meeting life challenges

Chapter 4 : psychological disorders

Note- Syllabus of UT- I will also be added in half yearly examinations.

PRE BOARD EXAMINATION - II

Chapter 5: Therapeutic Approaches

Chapter 6: Attitude and Social cognition

Chapter7: Social Influence & group processes

Note- Entire syllabus of Half yearly & UT-I will be added in preboard examination - 1

PRE-BOARD EXAMINATION - II

Complete syllabus

PAINTING

UNIT TEST - I

1. The Rajasthani and Pahari School of Miniature Painting.
 - Origin and Development
 - Sub-schools
 - Main features of Rajasthani School
 - Study of the following paintings.
2. Pahari School
 - Origin and Development
 - Sub-schools
 - Main feature of Pahari School
 - Study of the following painting

HALF YEARLY EXAMINATION

(UT-1 syllabus will be included in Half-Yearly exams)

3. Mughal School of Miniature Painting
 - Origin and development of Rajasthani and Pahari School.
 - Sub-schools of Rajasthani School
 - Study of the following paintings of Pahari Painting
 - Origin and Development of Mughal School
 - Study of the following Mughal Paintings

PRE-BOARD EXAMINATION - I

4. Deccan school of Miniature Painting
 - Origin and Development of Deccan School
 - Study of the following Paintings of Deccan School
 - Study of following Mughal Paintings
5. The Bengal School of Painting
 - Modern trend in Indian Art
 - Origin and Development of Bengal School
 - Main features of The Bengal School of Paintings
 - Contribution of Indian Artists in the struggle of National Freedom Movement
 - Study of the following paintings of Bengal School

PRE BOARD EXAMINATION - II

TERM I and TERM II syllabus included in Annual Examination

PHYSICAL EDUCATION

UNIT TEST - 1

1. Chapter-1 Management of Sporting Events

HALF YEARLY EXAMINATION

1. Chapter-2 Children & Women in Sports
2. Chapter-3 Yoga as preventive measure for life style disease
3. Chapter-4 Physical Education & Sports for CWSN
4. Chapter-5 Sports & Nutarians

Note : Chapter 1 of UT 1 will also be included in Half Yearly Exam.

PRE-BOARD EXAMINATION - I

1. Chapter-6 Test & measurement in Sports
 2. Chapter-7 Physiology & injuries in Sports
 3. Chapter-8 Bio mechanics & Sports
 4. Chapter-9 Psychology & Sports
 5. Chapter-10 Training in Sports
- Note: Complete syllabus will be given in Pre-Board-1 & Pre-Board-2.

PRE-BOARD EXAMINATION – II

Entire syllabus as prescribed by CBSE.