

JAIN PUBLIC SCHOOL REWARI
SESSION 2023-24
SYLLABUS : MIDTERM
CLASS :12

Biology

- Ch- 2 Sexual reproduction in flowering plants
- Ch-3 Human reproduction
- Ch-4 Reproductive health
- Ch-5 Principles of inheritance
- Ch-6 Molecular basis of inheritance
- Ch-7 Evolution
- Ch-8 Human Health and Disease

Chemistry

1. Solutions
2. Electrochemistry
3. Chemical kinetics
4. D and F block
5. Coordination compounds
6. Haloalkanes and Haloarenes

Physics

1. Electric Charge and Fields
2. Electric Potential and Capacitance
3. Current Electricity
4. Moving Charge and Magnetism
5. Magnetism and Matter
6. Electromagnetic Induction
7. Alternating Currents
8. Electromagnetic Waves
9. Ray Optics
10. Wave Optics
11. Dual Nature of Matter and Radiation
12. Atoms
13. Nuclei
14. Electronic Devices

Computer Science

Unit-1

- Review of Python
- Ch-1 Python Revision Tour-1

Ch-2 Python Revision Tour-2

Unit-2

Functions in Python

Unit-3

File Handling –Text files, Binary files, CSV files

Maths

Relations and Functions

Inverse Trigonometric functions

Matrices

Determinants

Continuity and Derivability

Applications of Derivatives

Indefinite Integrals

Linear Programming

Applied Mathematics

Numbers, quantifications and numerical applications

Numerical Inequalities

Matrices

Determinants

Differentiation

Applications of Derivatives

Integrals

Probability Distribution

Linear Programming

History

Part I

Theme 1 bricks beads and bones.

(The Harappan civilization)

Theme 2 kings farmers and towns

Theme 3 kinship caste and class

Theme 4 Thinkers beliefs and buildings

Part II

Theme 5 Through the eyes of travellers

Theme 6 Bhakti sufi traditions

Theme 7 An Imperial Capital Vijayanagara

Geography

Chapter 1 Human geography, Nature and scope
Chapter 2 World population
Chapter 3 Population change
Chapter 4 Human development
Chapter 5 Primary activities
Chapter 6 Secondary activities
Chapter 7 Tertiary and Quaternary activities
Chapter 8 Transport and communication
Chapter 9 International trade
Chapter 10 Population distribution
Chapter 11 Human settlements
Chapter 12 Land resources and agriculture
Chapter 13 Water resources

Political Science

1.The End of Bipolarity
2.Contemporary centres of powers
3.Contemporary South Asia
4.United Nations & its organization
5.Security in the contemporary world
6.Environment & Natural resources
7.Globalization
8.Challenges of Nation Building
9.Era of one Party dominance

HINDI

* अर्धवार्षिक परीक्षा

गद्य खंड-भक्तिन, बाजार दर्शन,काले
मेघा पानी दे, पहलवान की ढोलक

काव्य खंड- आत्मपरिचय, एक गीत,
पतंग, कविता के बहाने, कैमरे में बंद
अपाहिज, उषा

पूरक पुस्तक वितान-
सिल्वर वैडिंग व जूझ

रचनात्मक लेखन- अपठित गद्यांश व
पद्यांश, कहानी का नाट्य रूपांतरण,
रेडियो नाटक, पत्रकारिता तथा
जनसंचार हिंदी।

English

Reading Section

1. Unseen Comprehension

Writing Section

1. Notice Writing
2. Letter to the Editor
3. Invitations & their Replies
4. Article Writing

Prose Section

1. The Last Lesson
2. Lost Spring
3. Deep Water
4. The Rattrap
5. The Third Level
6. The Tiger King
7. Journey to the End of the World
8. The Enemy

Poetry Section

1. My Mother at Sixty-Six
2. Keeping Quiet
3. A Thing of Beauty

Physical Education

- Unit – 1 Management of sporting events
Unit – 2 Children and women in sports
Unit – 3 Yoga as preventive measure for lifestyle disease
Unit – 4 Physical Education & Sports for CWSN
Unit – 5 Sports and Nutrition

Accountancy

Partnership

- Ch 1 Accounting for partnership Firm - Fundamental
Ch 2 Change in Profit sharing ratio
Ch 3 Admission of a partner
Ch 4 Retirement and death of a partner
Ch 5 Dissolution of partnership firm

Analysis of Financial statement

- Ch 1 Financial statement of companies
Ch 2 Financial statement Analysis
Ch 5 Accounting Ratio

Business Studies

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)

Economics

Macro Economics:

Ch-1 Circular Flow of Income
Ch-2 Basic concepts of Macroeconomics
Ch -3 National income and related aggregates
Ch-4 Measurement of national income
Ch-5 Money
Ch-6 Banking
Ch-7 Aggregate demand and related concepts
Ch-8 Income determination and multiplier
Ch-9 Excess demand and deficient demand
Ch-10 Government budget in the economy
Ch-11 Foreign exchange rate
Ch-12 Balance of payments

Indian economic development

Ch-1 Indian economy on the eve of independence
Ch-2 Indian economy (1950-1990)

HINDUSTANI SANGEET GAYAN(034

1 कण, खटका, मुरकी, मींङ, आलाप, तान, गमक, ग्राम,
मूर्छना

राग समय सिद्धान्त

2 ताल -रूपक ,झप, धमार

3 जीवन परिचय उस्ताद फैयाज़ खा उस्ताद बड़े गुलाम
अली खा - कृष्ण राव शंकर,

4 राग - भैरव ,मालकौस