

Apex Public School

Sant Nagar, Burari, Delhi

Syllabus for Half Yearly Examination 2024-25

Class – XII

ENGLISH

Flamingo (prose)

1. The last lesson
2. Lost spring
3. Deep water
4. Rattrap
5. Indigo

Poetry

1. My mother at sixty six
2. Keeping quite
3. A Thing of beauty joy for ever

Vistas (prose)

1. The toger king
2. The third level

Writing section

1. Notice

Invitation

2. Letter to Editor
3. Job application
4. Article writing
5. Report writing

PHYSICS

UNIT-1: Electro statics

UNIT-2: Current electricity

UNIT-3: Magnetism

UNIT-4: EMI & AC

UNIT-5: Optics

CHEMISTRY

1. Haloalkane haloarene
2. Alcohol , phenol & ether
3. Aldehyde, ketone & carboxylic acid

4. Amine
5. Biomolecules
6. Solution
7. Electro chemistry
8. Chemical kinetics

ACCOUNTANCY

1. Accounting for partnership firms – fundamentals
2. Goodwill nature and valuation
3. Change in profit sharing ratio among the existing partners
4. Admission of a partner
5. Retirement of a partner
6. Death of a partner
7. Dissolution of a partnership firm

ECONOMICS

PART – A: INDIAN ECONOMIC DEVELOPMENT (40 MARKS)

1. Indian economy on the eve of independence
2. Indian economy (1950-1990)
3. Economic reforms since 1991
4. Human capital formation

PART – B: MACRO ECONOMICS (40 MARKS)

1. Introduction
2. Some basic concepts of macro economics
3. National income and related aggregates
4. Methods of calculating national income
5. Money
6. Banking
7. Government budget and the economy
8. Foreign exchange rate
9. Balance of payment

BUSINESS STUDIES

Ch-1: Nature and Significance of Management

Ch-2: Principles of Management

Ch-3: Business Environment

Ch-4: Planning

Ch-5: Organising

Ch-6: Staffing

HISTORY

1. Beads and Bones: The Harappa Civilization
2. Kings, Farmers and Towns: Early States and Economies (c. 600 BCE – 600 CE)
3. Kingship, Caste and Class: Early Societies (c. 600 BCE – 600 CE)
4. Thinkers, Beliefs and Buildings: Cultural Developments (c. 600 BCE – 600 CE)
5. Through the Eyes of Travellers: Perceptions of Society (c. tenth to seventeenth centuries)
6. Bhakti-Sufi Traditions: Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)
7. An Imperial Capital – Vijayanagar: (c. fourteenth to sixteenth centuries)

POLITICAL SCIENCE

Part-A: Contemporary world politics

- Ch.: 1 The End of Bipolarity
- Ch.: 2 Contemporary centres of power
- Ch.: 3 Contemporary South Asia
- Ch.: 4 International Organizations
- Ch.: 5 Securities in the Contemporary World
- Ch.: 6 Environment and Natural Resources
- Ch.: 7 Globalization

Part-B: Politics in India since Independence

- Ch:1 Challenges of Nation Building

SOCIOLOGY

A. Indian Society

1. The Demographic Structure of the Indian Society.
2. Social Institutions: Continuity and Change
3. Patterns of Social Inequality and Exclusion.
4. The Challenges of Cultural Diversity

B. Social Change and Development In India

1. Structural Change

2. Cultural Change

MATHEMATICS

1. Relation and function
2. Inverse trigonometry
3. Matrices
4. Determinants
5. Continuity and Differentiation
6. Application of Derivatives
7. Integration
8. Application of Integration
9. Differential Equations

BIOLOGY

Chapter 1: Sexual Reproduction in Flowering Plants

Chapter 2: Human Reproduction

Chapter 3: Reproductive Health

Chapter 4: Principles of Inheritance and Variation

Chapter 5: Molecular Basis of Inheritance

Chapter 6: Evolution

Chapter 7: Human Health and Diseases

Chapter 9: Biotechnology Principles and Processes

Chapter 10: Biotechnology and its Application

COMPUTER SCIENCE

CH -1.Review of Python Basics

CH -2.Functions

CH -3.Exception Handling

CH -4.Data File Handling

CH -5.Data Structures in Python

CH -7.Relational Database and SQL

INFORMATION PRACTICE

CH -1.Data Handling using Pandas

CH -2.Data Visualization using Matplotlib

CH -3.Review of Database Concepts & SQL

CH -4.Database Query using SQL

LEGAL STUDIES

Unit 1: Judiciary

Unit 2: Alternative Dispute Resolution in India

Unit 3: Topics in law

Unit 4: Topics in law 2

PSYCHOLOGY

Chapter 1-Variations in Psychological Attributes

Chapter 2- Self and Personality

Chapter 3- Meeting Life Challenges

Chapter 6- Attitude and Social Cognition

Chapter 7-Social Influence and Group Processes

PAINTING

CH -1.The Rajasthani

CH -2.Pahari Schools

CH -3.The Mughal

CH -4.Deccan Schools

PHYSICAL EDUCATION

1. Management of sporting events
2. Children and women in sports
3. Yoga and lifestyle
4. Physical education and sports
5. Sports and nutrition
6. Test and measurement in sports
7. Physiology and injuries in sports