

DELHI PUBLIC SCHOOL SHAHEEDPATH

The roots of education are bitter, but the fruit is sweet.

– Aristotle

SYLLABUS ***(2022-23)***



DELHI PUBLIC SCHOOL, SHAHEEDPATH

SYLLABUS

CLASS XII

PHYSICAL EDUCATION

Unit 1 - Management of sporting Events.

Unit 2 - Children & Women in sports.

Unit 3 - Yoga as Preventive measures for lifestyle.

Unit 4 - Physical Education & Sports for CWSN.

Unit 5 - Sports & Nutrition.

Unit 6 - Test & Measurements in Sports.

Unit 7 - Physiology & Injuries in sports

Unit 8 - Biomechanics & Sports

Unit 9 - Psychology & Sports

Unit 10 - Training in Sports

BIOLOGY

- 1. Sexual reproduction in flowering plants**
- 2. Human reproduction**
- 3. Reproductive health**
- 4. Principles of inheritance and variation**
- 5. Molecular basis of inheritance**
- 6. Evolution**
- 7. Human health and diseases**
- 8. Microbes in human welfare**
- 9. Biotechnology principle and processes**
- 10. Biotechnology and its applications**
- 11. Organisms and population**
- 12. Ecosystem**
- 13. Biodiversity and its conservation**

COMPUTER SCIENCE

- 1. Python Revision Tour -1**
- 2. Python Revision Tour -2**
- 3. Functions**
- 4. File handling**
- 5. Linear List(Stack only)**
- 6. Database and Management System and MySQL**
- 7. More on SQL**
- 8. MySQL interface using Python**
- 9. Networking**

PSYCHOLOGY

Chapters

- 1. Variations in Psychological Attributes**
- 2. Self and Personality**
- 3. Meeting Life Challenges**
- 4. Psychological Disorders**
- 5. Therapeutic Approaches**
- 6. Attitude and Social Cognition**
- 7. Social Influence and Group processes**

ENGLISH CORE (301)

Prescribed Books

FLAMINGO & VISTAS

Chapters in :

FLAMINGO (Main Reader)

PROSE

- 1. The Last Lesson**
- 2. Lost Spring**
- 3. Deep Water**
- 4. The Rattrap**
- 5. Indigo**
- 6. Poets and Pancakes**
- 7. The interview**
- 8. Going places**

POETRY

1. My Mother at Sixty-Six

2. Keeping Quiet

3. A Thing of Beauty

4. A Roadside Stand

5. Aunt Jennifer's Tigers

Chapters in :

VISTAS (Supplementary Reader)

1. The Third Level

2. The Tiger King

3. Journey to the End of the World

4. The Enemy

5. On the Face of it

6. The Memories of Childhood -

• **The Cutting of my Long Hair**

• **We too are Human Beings**

WRITING SKILLS:

(SHORT)

1. Notice

2. Formal Informal Invitation & Reply

(LONG)

1. Letters :

a. Job application

b. Letter to the Editor

2. Article

3. Report

Commerce and Humanities

Economics

Part A:

Book Name: Introductory Macroeconomics

Chapters:-

1. Circular Flow of Income

2. Basic Concepts of Macroeconomics

3. National Income and Related Aggregates

4. Measurement of National Income

5. Aggregate Demand and Related Concepts
6. Income Determination and Multiplier
7. Excess Demand and Deficient Demand
8. Money
9. Banking: Commercial Banks and the Central Bank
10. Government Budget and the Economy
11. Foreign Exchange Rate
12. Balance of Payments

Part B

Book Name: Indian Economic Development

Chapters:

1. Indian Economy on the Eve of Independence
2. Indian Economy (1950-1990)
3. Liberalisation, Privatisation and Globalisation: An Appraisal
4. Poverty
5. Human Capital Formation
6. Rural Development
7. Employment: Growth, Informalisation and other issues
8. Infrastructure
9. Environment and Sustainable Development
10. Comparative Development Experiences of India and its Neighbour

Business Studies

Part A:-

Book Name: Principles and Functions of Management

Chapters:-

1. Nature and Significance of Management
2. Principles of Management
3. Business Environment
4. Planning
5. Organising
6. Staffing
7. Directing
8. Controlling

Part B:-

Book Name:-

Business Finance and Marketing

9. Financial Management

10. Financial Market

11. Marketing Management

12. Consumer Protection

History

1. Brick, Beads and Bones

2. Kings, Farmers and towns

3. Kingship, Caste and class

4. Thinkers, beliefs and buildings

5. Through the eyes of the Travelers

6. Bhakti- Sufi tradition

7. An imperial city- Vijayanagar

8. Peasants, zamindar and the states

9. Colonialism and the countryside

10. Rebels and the Raj

11. Mahatma Gandhi and the Nationalist Movement

12. Framing the Constitution

Mathematics

1. Relations and functions

2. Inverse trigonometric functions

3. Matrices

4.determinants

5. Continuity and differentiability

6. Application of Derivatives

7.integrals

8.applications of integrals

9. Differential equations

10. vectors

11.three dimensional geometry and plane

12.Probability

13. Linear programming

Political Science

Ist Book

Contemporary World Politics

- 1.End of Bipolarity**
- 2.New Centres of Power**
- 3.Contemporary South Asia**
- 4.United Nation and its Organisation**
- 5.Security in Contemporary World**
- 6.Environment and Natural Resources**
- 7.Globalisation**

IInd Book

Politics India Since Independent

- 1.Challenges of Nation Building**
- 2.Planned Development**
- 3.India's Foreign Policy**
- 4.Parties and the Party System in India**
- 5.Democratic Resurgence**
- 6.Regional Aspirations**
- 7.Indian Politics: Recent Trends and Development**

PHYSICS

- 1. Electric charge & field**
- 2. Electrostatic potential & capacitance**
- 3. Electric current**
- 4. Magnetic effect of current**
- 5. Matter & Magnetism**
- 6. Electromagnetic induction**
- 7. Alternating current & electrical instruments**
- 8. Electromagnetic waves**
- 9. Ray optics**
- 10. Wave optics**
- 11. Dual nature of radiation**
- 12. Atoms**
- 13. Nuclei**
- 14. Semiconductor devices**

Chemistry

- 1. Solutions**
- 2. Electrochemistry**
- 3. Chemical Kinetics**
- 4. d and f block elements**
- 5. Coordination compounds**
- 6. Haloalkanes and haloarenes**
- 7. Alcohols , Phenols and ethers**
- 8. Aldehydes, Ketones and Carboxylic acids**
- 9. Amines**
- 10. Biomolecules**

Accountancy

Part A Accounting for Partnership Firms and Companies

Unit 1. Accounting for Partnership Firms

(I) Fundamental

(ii) Reconstitution and Dissolution.

- *Change in the Profit Sharing Ratio**
- * Admission of a partner**
- * Retirement and death of a partner:**
- * Dissolution of a partnership firm:**

Unit 2. Accounting for Companies

(iii) Accounting for Share Capital

(iv) Accounting for issue of Debentures

Part B Financial Statement Analysis

Unit 3. Analysis of Financial Statements

(v) Financial statements of a Company:

- * Financial Statement Analysis:**
- * Tools for Financial Statement Analysis**
- * Accounting Ratios: Liquidity Ratio, Solvency Ratios, Activity Ratio, Profitability Ratios**

Unit 4. Cash Flow Statement