

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 XI

Psychology

Class : XI

Chapter 1: What is Psychology?

Chapter 2 : Methods of Enquiry in psychology

Chapter 3 : The Bases of Human Behavior

Chapter 4 : Human Development

Chapter 5 : Sensory, Attentional and Perceptual processes

Chapter 6 : Learning

Chapter 7 : Human Memory

Chapter 8 : Thinking

Chapter 9 : Motivation and Emotion

Class XI

English Core (301)

Section A- Reading Comprehension

I. One unseen passage (factual, descriptive or literary.)

II. One unseen case-based passage

III. Note Making and Summarization based on a passage of approximately 200-250 words.

Section B

IV. Grammar

i. Questions on Gap filling (Tenses, Clauses)

ii. Questions on re-ordering/transformation of sentences

V. Creative Writing Skills

Short writing task – *Classified Advertisements(40-50 words)

***Poster up to 50 words.**

Long composition. *Speech (120-150 words.)

***Debate (120-150 words)**

Section C - Literature

HORNBILL

PROSE

- 1. The Portrait of a Lady**
- 2. We are Not Afraid to Die.....**
- 3. Discovering Tut**
- 4. The Adventure**
- 5. Silk Road**

POETRY

- 1. A Photograph**
- 2. The Laburnum Top**
- 3. The Voice of the Rain**
- 4. Childhood**
- 5. Father to Son**

SNAPSHOTS

- 1. The Summer of the Beautiful White Horse**
- 2. The Address**
- 3. Mother's Day (Play)**
- 4. Birth**
- 5. The Tale of Melon City**

Class XI

Mathematics (041)

- 1. SETS**
- 2. RELATIONS AND FUNCTIONS**
- 3. TRIGONOMETRIC FUNCTIONS**
- 4. COMPLEX NUMBERS AND QUADRATIC EQUATIONS**
- 5. LINEAR INEQUALITIES**
- 6. PERMUTATIONS AND COMBINATIONS**
- 7. BINOMIAL THEORAM**

8. SEQUENCE AND SERIES

9. STRAIGHT LINES

10. CONIC SECTIONS

11. INTRODUCTION TO 3D

12. LIMITS AND DERIVATIVES

13. STATISTICS

14. PROBABILITY

POLITICAL SCIENCE

CLASS XI

Book 1

Part: A

Indian Constitution at Work

- 1. Constitution**
- 2. Election and Representation**
- 3. The Executive**
- 4. The Legislature**
- 5. The Judiciary**
- 6. Federalism**
- 7. Local Government**

Book 2

Part: B

Political Theory

- 8. Political Theory: An Introduction**
- 9. Liberty**
- 10. Equality**
- 11. Justice**
- 12. Rights**
- 13. Citizenship**
- 14. Nationalism**
- 15. Secularism**

PHYSICAL EDUCATION

CLASS XI

Unit 1 - Changing trends & career in physical education.

Unit 2 - Olympic value Education.

Unit 3 - Physical Fitness, wellness & lifestyle.

Unit 4 - Physical Education & sports with special Needs.

Unit 5 - Yoga.

Unit 6 - Physical Activity & Leadership Training.

Unit 7 - Test & Measurements & Evaluation.

Unit 8 - Fundamental of Anatomy, Physiology & kinesiology in sports

unit 9 - Psychology & sports

Unit 10 - Training and Doping in sports.

BIOLOGY

CLASS XI

1. The living world

2. Biological classification

3 Plant Kingdom

4 Animal Kingdom

5 Morphology of flowering plants

6 Anatomy of flowering plants

7 Structural organization and animals

8 Cell the unit of life

9 Biomolecules

10 cell cycle and cell division

13 photosynthesis in higher plants

14 Respiration in plants

15 Plant growth and development

17 Breathing and exchange of gases

18 Body fluids and circulation 19 Excretory products and elimination

20 Locomotion and movement

21 Neural control and coordination

22 Chemical control and integration

Class - XI

History

- 1. Writing and the city life**
- 2. An Empire Across three Continents**
- 3. Nomadic Empire**
- 4. The three orders**
- 5. Changing Cultural traditions**
- 6. Displacing Indigenous people**
- 7. The path to Modernization**

Class - XI

Physics

- 1. Units and Measurement**
- 2. Motion in a straight line**
- 3. Motion in a plane**
- 4. Laws of Motion**
- 5. Work Energy and Power**
- 6. System of particles and Rotational motion**
- 7. Gravitation**
- 8. Mechanical properties of solids**
- 9. Mechanical properties of fluids**
- 10. Thermal properties of Matter**
- 11. Thermodynamics**
- 12. Kinetic Theory of gases**
- 13. Oscillations**
- 14. Waves**

Chemistry

Class XI

- 1. Some basic concepts of chemistry**
- 2. Structure of atom**
- 3. Classification of elements and periodicity in properties**
- 4. Chemical bonding and molecular structure**
- 5. Chemical thermodynamics**
- 6. Equilibrium**
- 7. Redox reactions**

8. Organic chemistry- some basic principles and techniques

9. Hydrocarbons

COMPUTER APPLICATION

CLASS XI

Ch 1: Computer System Overview

Ch 2: Data Representation

Ch 3: Boolean Logic

Ch 4: Emerging Trends

Ch 5: Introduction to Problem Solving

Ch 6: Getting Started with Python

Ch 7: Python Fundamentals

Ch 8: Data Handling

Ch 9: Flow of Control

Ch 10: String Manipulation

Ch 11: List Manipulation

Ch 12: Tuples

Ch 13: Dictionaries

Ch 14: Understanding Sorting

Ch 15: Cyber Safety

Ch 16: Online Access and Computer Security

Ch 17: Society, Law and Ethics

ACCOUNTANCY

CLASS XI

Part A: Financial Accounting-1

Unit-1: Theoretical Framework

(i) Introduction to Accounting

*** Accounting**

*** Basic Accounting Terms**

(ii) Theory Base of Accounting

***Fundamental accounting assumptions:**

GAAP

*** Basic accounting concept**

*** System of Accounting. Basis of Accounting**

*** Accounting Standards**

*** Goods and Services Tax (GST)**

Unit-2: Accounting Process

(iii) Recording of Business Transactions

*** Voucher and Transactions**

*** Recording of Transactions: Books of Original**

Entry- Journal

*** Special Purpose books:**

*** Cash Book: Simple, cash book with bank column and petty cashbook**

*** Ledger**

(iv) Bank Reconciliation Statement

(v) Depreciation, Provisions and Reserves

(vi) Trial balance and Rectification of Errors

Part B: Financial Accounting-II

Unit-3: Financial Statements of Sole Proprietorship

(viii) Financial Statements

(ix) Financial Statements with adjustment

BUSINESS STUDIES

CLASS XI

Part A Foundations of Business

1 Nature and Purpose of Business

2 Forms of Business Organisations

3 Public, Private and Global Enterprises

4 Business Services

5 Emerging Modes of Business

6 Social Responsibility of Business and Business Ethics

Part B Finance and Trade

7 Sources of Business Finance

8 Small Business

9 Internal Trade

10 International Business

ECONOMICS

CLASS XI

Part A:

Book 1 Name: Statistics for Economics

Units/Chapters:-

Unit 1: Introduction

Chapter 1: Economics : An Introduction

Chapter 2: Meaning, Scope and Importance of Statistics

Unit 2: Collection, Organisation and Presentation of Data

Chapter 3: Collection of Data

Chapter 4: Organisation of Data

Chapter 5: Tabular Presentation

Chapter 6: Diagrammatic Presentation

Chapter 7: Graphic Presentation

Unit 3: Statistical Tools and Interpretation

Chapter 8: Measures of Central Tendency --- Arithmetic Mean

Chapter 9: Measures of Central Tendency --- Median and Mode

Chapter 10: Measures of Dispersion

Chapter 11: Measures of Correlation

Chapter 12: Index Numbers

Part B:-

Book 2 Name: Introductory Microeconomics

Unit 4: Introduction

Chapter 1: Introduction

Unit 5: Consumer's Equilibrium and Demand

Chapter 3: Consumer's Equilibrium

Chapter 4: Demand

Chapter 5: Elasticity of Demand

Unit 6: Producer Behaviour and Supply

Chapter 5: Production Function

Chapter 6: Cost

Chapter 7: Revenue

Chapter 8: Producer's Equilibrium

Chapter 9: Supply

Unit 7: Forms of Market And Price Determination Under Perfect Competition With Simple Applications

Chapter 10: Main Market Forms

Chapter 11: Price Determination and Simple Applications