Apex Public School

Sant Nagar, Burari, Delhi

Half Yearly Examination Syllabus (2024-25)

Class XI

Business Studies

1. Nature and Purpose of Business

2 . Forms of Business Organisation

3. Public, Private and Global Enterprises

4. Business Services

5. Emerging Modes of Business

Chemistry

1. Some basic concept of chemistry

2. Structure of atom

3. Classification of elements and periodicity in proper

4. Chemical bonding & molecular structure

5. Thermodynamics

Political Science

Part A : Indian Constitution at work

1. Constitution: why and how ?

2. Rights in the Indian Constitution

3. Election and Representation

4. Executive

5. Legislature

6 Judiciary

English

Hornbill:

- Photograph
- We are……. If we are together
- Discovering Tut. The saga continues
- Laburnum top
- Voice of Rain

Snapshots:

- Summer of beautiful white horse
- The address
- Father to Son

Grammar:

- Questions on Gap filling (Tenses, Clauses)
- .Questions on re-ordering/transformation of sentences

Writing section:

- Debate
- Speech
- Poster
- Advertisement

Economics

XI (D&E)

PART: A - STATISTICS FOR ECONOMICS (40 MARKS)

1. Concept of economics and significance of statistics in economics.

2. Collection of data.

3. Census and sample method of collection of data.

4. Organization of data.

5. Presentation of data.

6. Diagrammatic presentation of data.

7. Frequency diagram.

PART: B - MICRO ECONOMICS (40 MARKS)

1. Economics and economy

2. Central problems of an economy

3. Consumers equilibrium – utility analysis

4. Consumers equilibrium – IC analysis

5. Theory of demand

Biology

Chapter 8: Cell: The Unit of Life

Chapter 9: Biomolecules

Chapter 10: Cell Cycle and Cell Divison

Chapter 15: Plant Growth and Development

Chapter 17: Breathing and Exchange of Gases

Chapter 18: Body Fluids and Circulation

Mathematics

1. Sets

2. Relation and function

3. Trigonometry

4. Complex Number

5. Linear Inequality

6. Permutations and Combinations

7. Binomial Expansion

Computer Science (083)

CH-1 Computer system and organisation

CH-2 Data representation and boolean logic

CH-3 Getting Started with Python

CH-4 Python Programming Fundamentals

CH-5 Conditional and Looping Constructs

Information Practices (065)

CH-1 Computer system and organisation

CH-2 Getting Started with Python

CH-3 Python Programming Fundamentals

CH-4 Conditional and Looping Constructs

History

1.Writing and City Life

2.An Empire Across Three Continents

3.Nomadic Empires

Accountancy

(80 Marks)

1. Introduction to Accounting

2. Theory Base of Accounting

3. Basic Accounting Terms

4. Accounting Equations

5. Rules of Debit and Credit

6. Voucher

7. Journal, Ledger and Trial Balance

8. Subsidiary Books

Legal Studies

Unit 1: Introduction to Political Institutions

Unit 2: Basic Features of the Constitution of India

Unit 3: Jurisprudence, Nature and Sources of Laws

Physical Education

(as 5th subject)

Unit I: Changing Trends & Career in Physical Education

Unit II: Olympism Value Education

Unit III: Yoga

Unit IV: Physical Education & Sports for CWSN (Children With Special Needs- Divyang)

Unit V: Physical Fitness, Wellness and Lifestyle

Physics

- **Units and Dimensions**
- **Motion in a Straight Line**
- **Motion in a Plane**
- **Laws of Motion**
- **Work, Energy and Power**
- **Rotational Motion**

Sociology

1. Sociology, Society and its relationship with other Social Science disciplines

2. Terms, concepts and their use in Sociology

3. Understanding Social Institutions