

Apex Public School  
Half Yearly Syllabus (2026-27)  
Class XII

**PHYSICS:**

Unit 1: Electro Statics

Unit 2: Current Electricity

Unit 3: Magnetism

Unit 4: EMI and AC

Unit 5: Optics

**CHEMISTRY:**

Solution

Haloalkane Haloarene

Alcohol Phenol Ether

Aldehyde Ketone Carboxylic acid

Amines

Electrochemistry

## **BIOLOGY:**

Unit VI: Reproduction

Unit VII: only chapter 5: Molecular of Inheritance

Unit VIII: Biology in Human Welfare

Unit IX: Biotechnology

## **COMPUTER SCIENCE:**

Ch1: Review of python basic

Ch2: Functions

Ch3: Exception handling

Ch4: Data file handling

Ch5: Data structures in Python

Ch7: Relational database and SQL

Ch8: Interface of python with SQL

## INFORMATION PRACTICES:

Ch1: Data handling using pandas

Ch2: Data visualization with matplotlib

Ch3: Review of database concept and SQL

Ch5: Computer network

## ENGLISH:

Hornbill:

Ch1: The Last Lesson

Poem: My Mother at Sixty-Six

Ch2: Lost Spring

Poem: Keeping Quiet

Ch3: Deep Water

Poem: A Thing of Beauty

Ch4: The Rattrap

Ch5: Indigo

Vistas:

Ch1: The Third Level

Ch2: The Tiger King

Ch4: Journey to the End of the Earth

Ch5: The Enemy

Writing:

- Notice Writing
- Invitation
- Letter to Editor

### MATHS:

Ch1: Relation and function

Ch2: Inverse Trigonometry function

Ch3: Matrices

Ch4: Determinants

Ch5: Continuity and Differentiation

Ch6: Application of Derivatives

Ch7: Integration

Ch8: Application of integration

Ch9: Differential Equation

## ECONOMICS:

1. Introduction
2. Some basic concept of macro economics
3. National income and related aggregates
4. Methods of calculating national income
5. Banking
6. Government budget and the economy
7. Foreign exchange
8. Balance of payment
9. Indian economy (1950-1990)
10. Economic reforms since 1991: New economic policy
11. Human capital formation in India

## **ACCOUNTANCY:**

### *Accounting for Partnership Firm*

1. *Fundamentals of partnership*
2. *Valuation of Goodwill*
3. *Change in PSR*
4. *Admission of a partner*
5. *Retirement and Death of a partner*
6. *Dissolution of a partnership Firm*
7. *Financial Statements of a Company*
8. *Analysis of Financial Statements*

## **BUSINESS STUDIES:**

*Ch1: Nature & Significance of Management*

*Ch2: Principles of Management*

*Ch3: Business Environment*

*Ch4: Planning*

*Ch5: Organising*

*Ch11: Marketing*

## SOCIOLOGY:

Book 1: Indian Society

Chapter 2: The Demographic Structure of Indian Society

Chapter 3: Social Institutions: Continuity and Change

Chapter 5: Patterns of Social Inequality and Exclusion

Book 2: Social Change and Development in India

Chapter 1: Structural Change

Chapter 2 : Cultural Change

## HISTORY:

Ancient History ( Book 1)

Ch1: Bricks, Beads and Bones; The Harappan Civilization

Ch2: Kings, Farmers and Towns; Early States and Economies ( c. 600 BCE - 600 CE)

Ch3: Kinship, Caste and Class; Early Societies (c. 600 BCE - 600CE)

Ch4: Thinkers, Beliefs and Buildings; Cultural Development (c.600 BCE - 600CE)

Medieval History ( Book 2)

Ch5: Through The Eyes of Travellers; Perceptions of Society

( 10th - 17th Century)

Ch6: Bhakti - Sufi Tradition; Changes in Religious Beliefs and Devotional Texts (c.8th - 18th centuries)

Ch7: An Imperial Capital; Vijayanagara

( c. 14 th - 16 th centuries)

## **POLITICAL SCIENCE:**

Part A – Contemporary World Politics

Ch1: The End of Bipolarity

Ch2: Contemporary Centres of Power

Ch3: Contemporary South Asia

Ch4: International Organizations

Ch5: Security in the Contemporary World

Ch6: Environment and Natural Resources

Ch7: Globalisation

Part B – Politics in India Since Independence

Ch1: Challenges of Nation-Building

Ch2: Era of One-Party Dominance

## PSYCHOLOGY:

Ch1: Variations in Psychological Attributes

Ch2: Self and Personality

Ch3: Meeting Life Challenges

Ch4: Psychological Disorders

## PHYSICAL EDUCATION:

1. Management of Sporting Events.

2. Children and Women in Sports.

3 .Yoga as Preventive measure for Lifestyle Disease.

4. Physical education and Sports for CWSN.

5 . Sports and Nutrition.

6 Test and Measurement in Sports

7 Physiology and Injuries in Sports.

8 Biomechanics and Sports.

9 Psychology and Sports.

10 Training in Sports

## **LEGAL STUDIES:**

Unit 1: Judiciary

Unit 2: Alternative dispute resolution in  
India

Unit 4: law and sustainable development

Chapter - Forms of legal entities