



APEX PUBLIC SCHOOL

CLASS - XII

HALF YEARLY SYLLABUS



ENGLISH

Flamingo

Prose

1. Last Lesson
2. Lost Spring
3. Deep water
4. Rattrap
5. Indigo

Poetry

1. My mother at sixty six
2. Keeping quiet
3. A thing of beauty
4. A Roadside Stand

VISTAS

1. The Third Level
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2. The Tiger King
 3. The Journey to the end of the Earth
 4. The Enemy

Writing

1. NOTICE
2. Invitation
3. Letter to the Editor
4. Article Writing

MATHS

CHP- 1. RELATION AND FUNCTION

CHP- 2. INVERSE TRIGNOMETRY

CHP- 3. MATRICES

CHP- 4. DETERMINANTS

CHP- 5. CONTINUITY AND DIFFERENTIATION

CHP- 6. APPLICATION OF DERIVATIVE

CHP- 7. INTEGRATION

CHP- 8. APPLICATION OF INTEGRATION

CHP- 9. DIFFERENTIAL EQUATION

PHYSICS

UNIT 1 . *Electrostatics*

UNIT 2. *Current Electricity*

UNIT 3. *Magnetism*

UNIT 4. *EMI and AC*

UNIT 5. *EM waves*

CHEMISTRY



Ch-1: Solution

Ch-5: D and F block elements

Ch-7: haloalkanes and haloarenes

Ch-8: alcohol, phenol and ether

Ch-9: aldehyde, ketone and carboxylic acid



BIOLOGY

- Ch.1: Sexual Reproduction in Flowering Plants
- Ch.2: Human Reproduction
- Ch.3: Reproductive Health
- Ch.4: Principles of Inheritance and Variation
- Ch.5: Molecular Basis of Inheritance
- Ch.7: Human Health and Disease
- Ch.8: Microbes in Human Welfare
- Ch.9: Biotechnology, Principles and Processes
- Ch.10: Biotechnology and it's Application

COMPUTER SCIENCE

Ch 1 Review of Python

Ch 2 Functions

Ch 3 Exception Handling

Ch 4 File Handling

Ch 7 RDBMS and SQL

Ch 8 Interface Python with MySql

INFORMATION PRACTICES

Ch 1 Python Pandas data structure

Ch 2 Data Visualization

Ch 3 Relational Databases and SQL

Ch 4 SQL Functions

Ch 6 Societal Impacts

BUSINESS STUDIES

Principles and Functions of Management

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

ECONOMICS

PART- A: INTRODUCTORY MACROECONOMICS

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

PART- B: INDIAN ECONOMIC DEVELOPMENT

1. Indian economy (1950-1990)
2. Economic reforms since 1991: New Economic Policy
3. Human capital formation in India
4. Rural development

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

HISTORY

Part:1

Chapter 1-Bricks,Beads and Bones: The Harappan Civilization.

Chapter 2-Kings,Farmers and Towns: Early States and Economices.

Chapter 3- Kinship, Caste and Class: Early Societies.

Chapter 4- Thinkers, Beliefs and Buildings: Cultural Development.

Part.2

Chapter 5-Through the Eyes of Travellers:
Perception of Society.

Chapter 6-Bhakti: Sufi Traditions-
Changes in Religious Beliefs and
Devotional Texts.

Chapter 7- An Imperial Capital:
Vijayanagara.

POLITICAL SCIENCE

Part :1 Contemporary World politics

Chapter 1- End of bipolarity.

Chapter 2- New centres of power .

Chapter 3- Contemporary South Asia.

Chapter 4- International organisation .

Chapter 5- Globalization.

Part:B Politics in India since independence

Chapter 1- Challenges of nation building

Chapter 2- One party dominance

Chapter 3- Politics of planned development

Chapter 4- India External relations

SOCIOLOGY

A. Indian Society .

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

B. Social Change and Development in India.

1. Structural Change.
2. Cultural Change.

LEGAL STUDIES

UNIT 1 : JUDICIARY

UNIT 3: TOPICS IN LAW (ALL CHPS)

UNIT 4: TOPICS IN LAW II (ALL CHPS)

UNIT 5: CONCEPT OF HUMAN RIGHTS
(ALL CHPS)

PHYSICAL EDUCATION

UNIT 1: MANAGEMENT OF SPORTING EVENTS

UNIT 2: CHILDREN AND WOMEN IN SPORTS

UNIT 3: YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE

UNIT 4: PHYSICAL EDUCATION AND SPORTS FOR (CWSN)

UNIT 5: SPORTS AND NUTRITION

UNIT 6: TEST AND MEASUREMENT IN SPORTS

UNIT 7: PHYSIOLOGY AND INJURIES IN SPORTS

UNIT 8: BIOMECHANICS AND SPORTS

UNIT 9: PSYCHOLOGY AND SPORTS

UNIT 10: TRAINING AND SPORTS