

ARMY PUBLIC SCHOOL, PATIALA.
HALF YEARY SYLLABUS – 2022-23

CLASS XII

Humanities Stream

Subject - English

Sr. No.	BOOK/ SKILLS	DETAILS	
1.	Flamingo	Prose Ch 2 Lost Spring Ch 4 Rattrap Ch 5 Indigo Ch 7 The Interview	Poetry Aunt Jennifer's Tiger Keeping Quiet
2.	Vistas	The Tiger King Journey To The End Of Earth Memories Of Childhood	
3.	Writing Skills	1. Letter Writing- Letter To The Editor 2. Notice	3. Formal Invitations & Replies 4. Article Writing
4.	Reading Skills	Reading Passages For Comprehension 1. Discursive Passages 2. Case Study Based Passages	

Subject – Physical Education

- Chapter 5 Sports and Nutrition
- Chapter 6 Test and measurements in sports
- Chapter 7 Physiology and injuries in sports
- Chapter 8 Biomechanics and sports
- Chapter 9 Psychology and sports

Subject - History

Book-I

Ch-4 Thinkers, Beliefs And Buildings

Book-II

Ch-5 Through The Eyes Of Travellers

Ch-6 Bhakti-Sufi Traditions

Ch-7 An Imperial Capital Vijayanagra

Ch-8 Peasants, Zamindars And The State

Subject – Geography

Book-I

Ch-5 Primary Activities

Ch-6 Secondary Activities

Book-II

Ch-4 Human Settlement

Ch-5 Land Resources and Agriculture

Ch-6 Water Resources

Subject – Psychology

- CH -1 Variations In Psychological Attributes
- CH-3 Meeting Life Challenges
- CH-4 Psychological Disorders
- CH-5 Therapeutic Approaches

Subject - Mathematics

- Matrices and determinants
- Relations and functions
- Inverse trigonometric functions
- Continuity and differentiability
- Calculus

SUBJECT : Political Science

Part -A

CONTEMPORARY WORLD POLITICS

Ch1 The End of Bipolarity

Ch2 New Centres of Power

Ch 3 Contemporary South Asia

Ch 4 United Nations and Its

Organizations

Part-B

Politics In India Since Independence

Ch 1 Challenges of Nation Building

Ch 2 Planned Development

Ch 3 India's Foreign Policy

Ch 4 Parties and Party System in India

Subject – Economics

PART-A ‘Macro Economics’

Ch-2 ‘Basic Concepts of Macro Economics’

Ch-3 ‘National Income Aggregates’

Ch-4 ‘Measurement of National Income’

Ch-10 ‘Government Budget and the Economy’

PART-B ‘Indian Economic Development’

Ch-1 ‘Indian Economy on the eve of Independence’

Ch-2 ‘Indian Economy-1950 - 1990’

Ch-3 ‘Problems and Policies related to Agriculture, Industry and Foreign Trade’

Ch-4 ‘New Economic Policy-1991’

Subject – Informatics Practices

Unit 1: Data Handling using Pandas -I

Introduction to Python libraries- Pandas,
Matplotlib.

Data structures in Pandas - Series and
Data Frames.

Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing.

Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing;

Importing/Exporting Data between CSV files and
Data Frames.

Data Visualization

Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph,

histogram

Customizing plots: adding label, title, and legend in plots.
