

SYLLABUS FOR Class XII

2021-2022

FIRST TERMINAL PRE-BOARD EXAMINATION

Subject – English Core XII

A. Reading Comprehension: 14Marks*

Unseen passage (factual, descriptive or literary/ discursive or persuasive) -8Marks*

Case Based Unseen (Factual) Passage-6Marks

B. Creative Writing Skill :8 Marks *

Short Writing Tasks-Notice Writing, ClassifiedAdvertisements-3 Marks *

Long Writing Tasks (One)-Letter to an Editor (giving suggestions or opinion on issues of public interest), Article Writing-5 Marks *

C. Literature: 11 Marks for Flamingo + 7 Marks for Vistas = 18 Marks*

Literary-prose/poetry extracts(seen-texts) to assess comprehension and appreciation, analysis, inference, extrapolation*Questions Based on Texts to assess comprehension and appreciation, analysis, inference, extrapolation

Book-Flamingo (Prose)

The LastLesson

Lost Spring

Deep Water

Book-Flamingo (Poetry)

My Mother at Sixty-Six

An Elementary School Classroom in a Slum

Keeping Quiet

Book-Vistas (Prose)

The Third Level

The Enemy

Total = 40

Listening and Speaking Skills ASL = 10

Total = 50 Marks

Subject – HISTORY

Class: XII A, E

Text books: THEMES IN INDIAN HISTORY –PART I, II Publication Name: NCERT

1. BRICKS, BEADS AND BONES
2. KINGS, FARMERS AND TOWNS
3. KINSHIP, CASTE AND CLASS
4. THINKERS, BELIEFS AND BUILDINGS
5. BHAKTI SUFI TRADITIONS
6. AN IMPERIAL CAPITAL –VIJAYANAGARA

Subject – SOCIOLOGY

First Book - Indian Society

Chapters

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

Subject – POLITICAL SCIENCE

Book -1 :Contemporary world Politics

1. Cold War Era and Non Aligned movement
2. The End of Bipolarity
3. United Nations and Its Organisations

Book -2: Politics in India since Independence

1. Challenges of Nation Building
2. Planning and Development
3. India's Foreign Policy

SUBJECT: MATHEMATICS

TEXT BOOK: NCERT

PUBLICATION NAME: NCERT PUBLICATIONS

CHAPTERS: 1. Relations and Functions

2. Inverse Trigonometric Functions

3. Matrices

4. Determinants

5. Continuity and Differentiability

6. Applications of Derivatives

7. Linear Programming

Practical	10 Marks
Periodic test	5 Marks
Mathematics Activities: Activity file record + term end assessment of one activity and viva.	5 Marks

Subject - Economics

Part A: Introductory Macroeconomics [18 marks]

Unit 2: Money and Banking - Money - meaning and supply of money. Money creation by the commercial banking system. Central bank and its functions.

Unit 4: Government Budget and the Economy - Government budget - meaning, objectives and components.

Classification of receipts - revenue receipts and capital receipts; classification of expenditure – revenue expenditure and capital expenditure.

Measures of government deficit - revenue deficit, fiscal deficit, primary deficit their meaning.

Unit 5: Balance of Payments - Balance of payments account - meaning and components; Foreign exchange rate - meaning of fixed and flexible rates and managed floating.

Part B: Indian Economic Development [22 marks]

Unit 6: Development Experience (1947-90) and Economic Reforms since 1991

A brief introduction of the state of Indian economy on the eve of independence.

Indian economic system and common goals of Five Year Plans.

Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.

Economic Reforms since 1991: Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST

Unit 7: Current challenges facing Indian Economy

Poverty- absolute and relative; Main programmes for poverty alleviation: A critical assessment;

Human Capital Formation: How people become resource; Role of human capital in economic development;

Rural development: Key issues - credit and marketing - role of cooperatives; agricultural Diversification

Part C: Project in Economics [10 marks]

Text book Name : CHEMISTRY (Part I and II) TEXTBOOK

Publication Name : NCERT

- **MAX. MARKS : 35**
- **TIME : 90 mins.**
- **MCQ , ASSERTION –REASON & CASE BASED QUESTIONS**
- **THEORY SYLLABUS**
 1. Chapter 1- Solid State
 2. Chapter 2- Solutions
 3. Chapter 7- p- Block elements.
 4. Chapter 10 – Haloalkanes and Haloarenes
 5. Chapter 11 – Alcohols , Phenols & Ethers
 6. Chapter 14 – Biomolecules
- **PRACTICALS : 15 Marks**

Subject – BIOLOGY

1. **Unit-VI** Reproduction Chapter 2,3,4
2. **Unit VII** Genetics and Evolution Chapter 5,6

Subject - Physics

Text book Name : Physics part 1

Publication Name : NCERT

CHAPTER :

1. Electric charges and fields
2. Electrostatic potential and capacitance
3. Current Electricity
4. Moving charges and Magnetism
5. Magnetism & matter
6. Electromagnetic Induction
7. Alternating Currents

SUBJECT : BUSINESS STUDIES

PART A

UNIT 1 NATURE AND SIGNIFICANCE OF MANAGEMENT

UNIT 2 PRINCIPLES OF MANAGEMENT

UNIT 3 BUSINESS ENVIRONMENT

UNIT 4 PLANNING

UNIT 5 ORGANISING

PART B

UNIT 11 MARKETING MANAGEMENT

UNIT 12 CONSUMER PROTECTION

PROJECT WORK: 10 MARKS

SUBJECT : ACCOUNTS

PART 1

UNIT 2 ACCOUNTING FOR PARTNERSHIP FIRMS- FUNDAMENTALS

UNIT 4 CHANGE IN PROFIT SHARING RATIO AMONG THE EXISTING PARTNERS

PART 2

UNIT 9 COMPANY ACCOUNTS-ACCOUNTING FOR SHARE CAPITAL

PART 3

UNIT 1 FINANCIAL STATEMENTS OF A COMPANY

UNIT 2 FINANCIAL STATEMENT ANALYSIS

UNIT 3 TOOLS OF FINANCIAL STATEMENT ANALYSIS- COMPARATIVE STATEMENTS AND COMMON SIZE STATEMENTS

UNIT 4 ACCOUNTING RATIOS

PROJECT WORK: 10 MARKS

Class -XII C

Unit 1: Computational Thinking and Programming

Topics:

- Revision of Python topics covered in Class XI.
 - **Functions:** types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
 - **Data File handling:** Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths
1. **Text file:** opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
 2. **Binary file:** basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file
 3. **CSV file:** import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()

Subject – Informatics Practices (065)

Class -XII B, D, E

Unit-1

Topics:

Data Handling using Pandas and Data Visualization Data Handling using Pandas -I

- Introduction to Python libraries- **Pandas, Matplotlib.**
- **Data structures in Pandas** - Series and data frames. Series: Creation of series from dictionary, scalar value; mathematical operations; series attributes, head and tail functions; selection, indexing and slicing.
- **Data Frames:** creation of data frames from dictionary of series, list of dictionaries, text/CSV files, display, iteration. Operations on rows and columns: add (insert /append) , select, delete (drop column and row), rename, Head and Tail functions, indexing using labels, Boolean indexing. Data Visualization
- **Data Visualization:** Purpose of plotting, drawing and saving of plots using Matplotlib (line plot, bar graph, histogram). Customizing plots: adding label, title, and legend in plots.

Unit - 4:

Topics:

Societal Impacts

- Digital footprint, net and communication etiquettes,
- Data protection, intellectual property rights (IPR), plagiarism, licensing and copyright,
- Free and open-source software (FOSS),
- Cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act.
- E-waste: hazards and management. Awareness about health concerns related to the usage of technology. Distribution of Practical
