

SYLLABUS – SECOND TERM (2019-20)

CLASS XI

ENGLISH

1. READING
 - a. Reading Comprehension (Passage, poem)
 - b. Note –Making

2. WRITING SKILLS AND GRAMMAR:
 - a. Invitations and Replies (Formal)
 - b. Poster
 - c. Letter of Complaint
 - d. Job application
 - e. Letter to the editor (revision)
 - f. Speech script
 - g. Integrated grammar practice

3. LITERATURE:
 - a. The Ghat of the Only World
 - b. Albert Einstein in School
 - c. Birth
 - d. Night of the Scorpion
 - e. Childhood
 - f. The Tale of the Melon City
 - g. Macbeth
 - h. Mother’s Day
(GOLDEN GLEANINGS)

 - i. Tree
 - j. Evolution
 - k. The Importance of Art

MATHEMATICS

- 1) Sets, Relations and Functions
- 2) Coordinate Geometry
- 3) Calculus
- 4) Statistics and Probability

ECONOMICS

Micro economics

Unit 3 : producer's behaviour and supply (production function, cost , revenue, producer's equilibrium and supply)

Unit 4 : main market forms and price determination

Statistics for economics

Unit 3 : statistical tools and interpretation(measures of dispersion , index numbers and correlation)

PSYCHOLOGY

Chapter 5 Sensory,Attentional and Perceptual Processes

Chapter 7 Memory

Chapter 8 Thinking

Chapter 9 Motivation and Emotion

HISTORY

1. Theme 1: From the Beginning of Time
2. Theme 2: Writing and City Life
3. Theme 3: An Empire Across Three Continents
4. Theme 4: The Central Islamic Lands
5. Theme 5: Nomadic Empires
6. Theme 6: The Three Orders
7. Theme 7: Changing Cultural Traditions
8. Theme 8: Confrontation of Cultures
9. Theme 9: Industrial Revolution
10. Theme 10 : Displacing Indigenous People
11. Theme 11: Paths to Modernisation
12. Map: Relevant Maps related to the chapters

SOCIOLOGY

BOOK 2- UNDERSTANDING SOCIETY

Chapter 1- Social structure, processes and stratification

Chapter 2- Social Change and Social Order in Urban and Rural Society

Chapter 4- Western Sociologists

Chapter 5- Indian Sociologists

POLITICAL SCIENCE

Book 1: Indian Constitution at Work

Chapter 6 : Judiciary

Chapter 7: Federalism

Chapter 8: Local Governments

Book 2: Political Theory

Chapter 1: Political Theory : An Introduction

Chapter 2: Freedom

Chapter 3: Equality

Chapter 4: Social Justice

Chapter 5: Rights

Chapter 6: Citizenship

Chapter 7: Nationalism

Chapter 8: Secularism

Chapter 9: Peace

Chapter 10: Development

LEGAL STUDIES

1) Unit 3:

- (i) Chapter1: Ancient Indian Law
- (ii) Chapter 2: Administration of Justice in British India

2) Unit 4:

- (i) Chapter 1: Judiciary : Constitutional, Civil and Criminal Courts and Processes

3) Unit 5:

- (i) Family Justice System (complete unit)

PHYSICS

1. GRAVITATION
2. PROPERTIES OF BULK MATTER
3. THERMODYNAMICS
4. BEHAVIOUR OF PERFECT GASES AND KINETIC THEORY OF GASES
5. OSCILLATIONS AND WAVES

CHEMISTRY

1. Unit 4 : CHEMICAL BONDING
2. Unit 6 : THERMODYNAMICS
3. Unit 9 : HYDROGEN
4. Unit 11: THE P BLOCK ELEMENTS (group 13 and 14)
5. Unit 12: ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TECHNIQUES
6. Unit 13 : HYDROCARBONS

BIOLOGY

1. Chapter 12 : Mineral Nutrition
2. Chapter 13 : Photosynthesis in higher plants
3. Chapter 14 : Respiration in plants
4. Chapter 15 : Plant Growth and Development
5. Chapter 16: Digestion and Absorption
6. Chapter 17: Breathing and exchange of gases
7. Chapter 18: Body fluids and their Circulation
8. Chapter 19 : Excretory Products and their elimination
9. Chapter 20 : Locomotion and movement
10. Chapter 21 : Neural control and Coordination
11. Chapter 22 : Chemical Control and Coordination.

COMPUTER SCIENCE

1. Python

- a. Python Modules
- b. Lists
- c. Tuples
- d. Dictionaries
- e. Sorting Algorithms

2. Cyber Safety

INFORMATICS PRACTICES

1. Python:

- a. Strings
- b. Lists
- c. Dictionaries
- d. Modules
- e. Python Pandas

2. Cyber Safety

BUSINESS STUDIES

1. Sources of Finance

2. Small Business

3. Internal Trade

4. International Trade

ACCOUNTANCY

1. Financial statements with adjustments

2. Depreciation

3. Reserves and Provisions

4. Bills of Exchange

5. Accounting from Incomplete Records

6. Computers in Accounting

7. Accounting for Not for profit organisation.

8. Project work.

DESIGN

Part A- Employability Skills

- Unit 3: Information and Communication Technology Skills-III
- Unit 4: Entrepreneurial Skills- III
- Unit 5: Green Skills- III

Part B- Vocational Skills

Unit 3- Occupational Health and Safety

- Occupational Health and Safety
- Safety and Health responsibility in Textile, Leather and paper industry. Role of wavy safe inspection in above industries.
- Hazard identification risk assessment and control.
- Dealing with Emergency.

Unit 4- Practical Workshop

Graphic Design workshop

- Basics of Graphic Design
- Produce designs for packaging of clothing, shoes and CDs.
- Produce Design of display and control of common household appliances.
- Poster Design for a regional dance performance.

PAINTING

Introduction to Ajanta

Chaitya and Vihara, Paintings and Sculptures, subject-matter and technique etc.

Padmapani Bodhisattva (Ajanta Cave No. 1, Maharashtra) Mural Painting Circa 5th Century A. D.

Mara Vijay (Ajanta Cave No. 26) Sculpture in stone. Circa 5th Century A. D.

Unit 3:

Temples Sculpture, Bronzes and Artistic Aspects of Indo-Islamic Architecture-

Temple-Sculptures

1. Descent of Ganga (Pallava period, Mahabalipuram Tamilnadu), Granite rock Circa 7th Century A. D.
2. Ravana shaking Mount Kailash (Rashtrakuta period, Ellora, Maharashtra) Stone 8th Century A. D.
3. Trimurti (Elephanta, Maharashtra) Stone Circa 9th Century A. D.
4. Lakshmi Narayana (Kandariya Mahadev Temple) (Chandela period, Khajuraho, M. P.) Stone Circa 10th Century A. D.
5. Cymbal Player, Sun Temple (Ganga Dynasty, Konark, Orissa) Stone. Circa 13th Century A. D.
6. Mother & Child (Vimal-Shah Temple, Solanki Dynasty, Dilwara, Mount Abu, Rajasthan) White marble. Circa 13th Century A. D.

Introduction to Indian Bronzes

Method of casting (solid and hollow)

1. Devi (Uma) Chola Period 11th Century A. D
2. Nataraj (Chola period Thanjavur District, Tamilnadu) 12th Century A. D

Artistic Aspects of the Indo-Islamic Architecture-

1. Qutab Minar, Delhi
2. Taj Mahal, Agra
3. Gol Gumbaj of Bijapur