

# SYLLABUS – FIRST TERM (2019-20)

## CLASS XII

### ENGLISH

#### **1. LITERATURE:**

- i. The Rat-trap
- ii. A Thing of Beauty
- iii. Should Wizard Hit Mommy
- iv. Lost Spring
- v. Aunt Jennifer's Tigers
- vi. The Interview
- vii. An Elementary Room Classroom
- viii. A Roadside Stand
- ix. Evans Tries an O-level
- x. On the Face of It
- xi. The Third Level
- xii. Keeping Quiet
- xiii. The Enemy
- xiv. My Mother at Sixty-six
- xv. Poets and Pancakes
- xvi. Journey to the End of the Earth
- xvii. Going Places

#### **2. WRITING SKILLS:**

- i. Invitations and replies
- ii. Drafting posters
- iii. Job applications
- iv. Article writing
- v. Classified Advertisements
- vi. Letter of Enquiry and Reply
- vii. Display Advertisement
- viii. Letter placing order and cancellation
- ix. Letter to the Editor
- x. Letter of Complaint
- xi. Report writing
- xii. Letter to the Principal
- xiii. Debate
- xiv. Notice Speech Script

#### **3. Reading Comprehension**

#### **4. Note –Making**

## 5. Listening and Speaking

### **MATHEMATICS**

- 1) Algebra
- 2) Relations & Functions
- 3) Continuity and Differentiability
- 4) Differentiation and Application of Derivatives
- 5) Integration and Application of Integrals

### **ECONOMICS**

1. National Income and related aggregates
2. Money and Banking
3. Determination of Income and Employment
4. Government Budget and the Economy
5. Balance of Payments

### **PSYCHOLOGY**

1. Variations in Psychological Attributes
2. Self and Personality
3. Meeting Life Challenges
4. Psychological Disorders
5. Developing Psychological Skills

### **POLITICAL SCIENCE**

1. Challenges of Nation Building
2. Regional Aspirations
3. Rise of popular movements
4. Environmental Concerns
5. Globalization
6. Planned Development
7. India's External Relations
8. Contemporary South Asia
9. Era of one-party dominance
10. Cold War
11. End of Bipolarity

12. US Hegemony
13. Alternative Centres of Power

## **HISTORY**

### **PART 1**

1. Theme 1: Bricks, Beads And Bones
2. Theme 2: Kings, Farmers And Towns
3. Theme 3: Kingship, Caste And Class
4. Theme 4: Thinkers, Beliefs And Buildings

### **PART 2**

1. Theme 5: Through The Eyes of Travelers
2. Theme 6: Bhakti - Sufi Traditions
3. Theme 7: An Imperial Capital : Vijayanagara
4. Theme 8: Peasants, Zamindars And The State
5. MAP

## **SOCIOLOGY**

### **BOOK 1- INDIAN SOCIETY**

1. Chapter 2- Demographic Structure of Society
2. Chapter 3- Social Institutions: Continuity and Change
3. Chapter 4- Market: A social institution
4. Chapter 5- Patterns of Social Inequality and Exclusion
5. Chapter 6- Challenges of Cultural Diversity

### **BOOK 2- SOCIAL CHANGE AND DEVELOPMENT IN INDIAN SOCIETY**

1. Chapter 1- Structural Change
2. Chapter 2- Cultural Change
3. Chapter 4- Change and Development in Rural Society
4. Chapter 5- Change and Development in Industrial Society
5. Chapter 6- Globalization and Social Change

## **LEGAL STUDIES**

- 1) Unit 1 : Judiciary
- 2) Unit 2: Topics of Law
  - (A) Law of Property
  - (B) Law of Contracts
  - (C) Law of Torts
  - (D) Introduction to Criminal Laws in India
  - (E) Administrative Law.
- 3) Unit 3: Arbitration , Tribunal Adjudication and Alternative Dispute Resolution
- 4) Unit 4: Human Rights in India

5) Unit 5: Legal Profession in India

### **BIOLOGY**

1. Chapter1: Reproduction in organisms
2. Chapter2: Sexual reproduction in flowering plants
3. Chapter3: Human Reproduction
4. Chapter4: Reproductive health
5. Chapter5: Principles of inheritance and Variation
6. Chapter6: Molecular basis of inheritance
7. Chapter7: Evolution
8. Chapter8: Human health and disease
9. Chapter 9: Strategies for Enhancement in food production
10. Chapter10: Microbes in human welfare

### **PHYSICS**

- i. Chapter 1 : Electric charges and fields
- ii. Chapter 2 : Electrostatic Potential and capacitance
- iii. Chapter 3: Current electricity
- iv. Chapter 4 : Moving charges and magnetism
- v. Chapter 5 : magnetism and matter
- vi. Chapter 6 : Electromagnetic Induction
- vii. Chapter 7 : Alternating Current
- viii. Chapter 8 : Electromagnetic waves
- ix. Chapter 9 : Ray Optics and Optical Instruments

### **CHEMISTRY**

1. Solid State
2. Solution
3. Electrochemistry
4. General Principles and Processes of Isolation of Elements
5. p-Block Elements
6. d- and f-Block Elements

7. Coordination Compounds
8. Haloalkanes and Haloarenes
9. Alcohols, Phenols and Ethers
10. Aldehydes, Ketons and Carboxylic Acids
11. Organic Compounds containing Nitrogen

## **COMPUTER SCIENCE**

1. Boolean Algebra
2. C++
  - ✓ Review of C++ covered in class 11
  - ✓ OOPS concept
  - ✓ Polymorphism
  - ✓ Constructor & Destructor
  - ✓ Inheritance
  - ✓ Pointers
3. Data Structure
  - ✓ Array
  - ✓ Stack
  - ✓ Queue
4. Files in C++

## **BUSINESS STUDIES**

1. Nature and significance of management
2. Principles of management
3. Business Environment
4. Planning
5. Organizing
6. Staffing
7. Directing
8. Controlling
9. Financial management

## **ACCOUNTANCY**

1. Financial Statements of a company
2. Financial Statement analysis
3. Tools of financial statement analysis- Comparative and common size statements
4. Accounting ratios
5. Cash Flow statement
6. Fundamentals
7. Goodwill
8. Change in profit sharing ratio
9. Admission, Retirement and death of a partner
10. Dissolution of partnership firm
11. Accounting for not for profit organizations
12. Project work