

**HALF YEARLY SYLLABUS**  
**SESSION 2018-19**  
**CLASS 12**

**SUBJECT: ENGLISH**

1. The Last Lesson (Flamingo)
2. My Mother at Sixty – Six. (Flamingo)
3. The Tiger King (Vistas )
4. An Elementary School Classroom in a Slum (Flamingo)
5. Lost Spring, Stories of Stolen Childhood (Flamingo)
6. The Enemy (Vistas)
7. Should Wizard Hit Mommy (Vistas)
8. Keeping Quiet. (Flamingo)
9. On the face of it. (Flamingo)
10. Deep-water (Flamingo)
11. The Rat-trap (Flamingo)
12. Novel: The Invisible man

**Chapter 1-15**

13. Advanced writing skill.
  - a. Letter Writing (Formal )
  - b. Application for a job
  - c. Article / Notice writing
  - d. Note making

**SUBJECT: MATHS**

1. Matrices
2. Determinants
3. Relations and Functions
4. Inverse Trigonometric Functions
5. Continuity and Differentiability
6. Application of Derivatives
7. Integrals
8. Application of Integrals

## **SUBJECT: COMPUTER SCIENCE**

### **Theory:**

1. C++ Revision Tour
2. Objected Oriented Programming & Function Overloading
3. Classes and Objects
4. Constructors and Destructors
5. Inheritance : Extended Classes
6. Data File Handling
7. Arrays
8. Pointers

### **Practical:**

Program on Classes & Objects AND Constructors & Destructors

Practical Record

Viva-Voice

## **SUBJECT: CHEMISTRY**

1. The Solid State
2. Solutions
3. Haloalkanes and Haloarenes
4. Alcohols, Phenols and Ethers
5. Aldehydes, Ketones and Carboxylic Acids
6. Amines
7. Surface Chemistry
8. Electrochemistry (Till Nernst equation)

## **SUBJECT: PHYSICS**

1. Electric Charges and Fields
2. Electrostatic Potential and Capacitance
3. Moving Charges and Magnetism
4. Magnetism and Matter
5. Electromagnetic Induction
6. Alternating Current
7. Communication Systems
8. Electromagnetic Waves

## **SUBJECT: BIOLOGY**

### **UNIT VI:**

- 1.Reproduction In Organisms
- 2.Sexual Reproduction In Flowering Plants.
- 3.Human Reproduction
- 4.Reproductive Health

### **UNIT VII:**

- 5.Principles Of Inheritance and Variations
- 6.Molecular Basis Of Inheritance
- 7.Evolution

### **UNIT VIII:**

8. Human Health and Diseases.

## **SUBJECT: PSYCHOLOGY**

- Chapter 1- Variations of psychological attributes
- Chapter 2- Self and Personality
- Chapter 3- Meeting Life Challenges
- Chapter 4- Psychological Disorders
- Chapter 8- Psychology and life

## **SUBJECT: ECONOMICS**

Unit 1: Introduction.
Unit 2: Consumer's Equilibrium and Demand
Unit 3: Producer Behavior and Supply
Unit 4: Forms of Market and Price Determination under Perfect Competition with simple applications

## **SUBJECT: ENTREPRENEURSHIP**

Unit 1: Entrepreneurial Opportunities
Unit 2 : Entrepreneurial Planning:
Unit 3: Enterprise Marketing
Unit 4: Enterprise Growth Strategies

## **SUBJECT: MASS MEDIA**

Unit 1: Understanding the Language of the Medium. (Chapters 1 to 6)

Unit 2: Evolution of the Media (Chapters 1 to 5)

## **SUBJECT: BUSINESS STUDIES**

Unit 1: Nature and Significance of Management

Unit 2: Principles of Management

Unit 3: Business Environment

Unit 4: Planning

Unit 5: Organising

Unit 6: Staffing

Unit 7: Directing

Unit 8: Controlling

## **SUBJECT: ACCOUNTANCY**

**I]** From the book of Partnership accounts:-

Chapter 2- Accounting for partnership: Basic concept

Chapter 3- Reconstitution of a partnership firm - Admission of a partner

Chapter 4- Reconstitution of a partnership firm - Retirement/Death of a partner

Chapter 5- Dissolution of Partnership Firm.

**II]** From the book of Company accounts:

Chapter -1 Accounting for share capital

## **SUBJECT: INFORMATICS PRACTICES**

### **Theory:**

1. Computer Networks
2. Open source Concepts
3. Java GUI Programming Revision Tour I & Tour II
4. Classes and Libraries & Concept of Inheritance
5. MySQL Revision Tour
6. Database Transaction
7. Grouping Records and Table Joins
8. Tables and Integrity Constraints

### **Practical:**

03 Programs on Java & SQL

Practical Record

Viva-Voice

## **SUBJECT: COMMERCIAL ART**

### **Theory**

- 1) The Mughal and Deccan school of miniature paintings
- 2) Rajasthani and Pahari school of miniature paintings

### **Practical**

1. Illustration
2. Poster