



*St. Francis School,* Gomti Nagar, Lucknow

**HALF YEARLY SYLLABUS 2022-23**

**CLASS X**

**HISTORY**

1. Chapter 1: The First War of Independence, 1857
2. Chapter 2: Growth of Nationalism
3. Chapter 3: First Phase of the Indian National Movement.
4. Chapter 4: Second Phase of the Indian National Movement.
5. Chapter 5: The Muslim League
6. Chapter 6: Mahatma Gandhi and the National Movement
7. Chapter 7: Quit India Movement
8. Chapter 8: Forward Bloc and the I.N.A
9. Chapter 9: Independence and Partition of India

**CIVICS**

1. Chapter 1: The Union Parliament

**BIOLOGY**

1. Chapter 2: Structure of Chromosomes, Cell Cycle and Cell Division
2. Chapter 3: Genetics – Some Basic Fundamentals
3. Chapter 4: Absorption by Roots – The Process Involved
4. Chapter 5: Transpiration
5. Chapter 6: Photosynthesis
6. Chapter 8: The Circulatory System



## **ENGLISH LITERATURE**

### **Poetry**

1. Chapter 7: I know why the Caged Bird Sings
2. Chapter 8: The Patriot

### **Prose:**

1. Chapter 7: The Little Match Girl
2. Chapter 8: The Blue Bead

### **Play:** The Merchant of Venice

Act 3

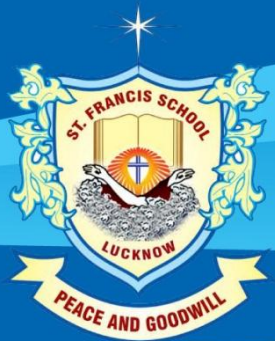
Act 4 (Up to page 172)

## **ENGLISH LANGUAGE**

1. Composition
2. Letter (Formal and Informal)
3. Email and Notice
4. Comprehension (Words for meanings, questions, Precis Writing)
5. Functional Grammar
  - a. Correct Usage of Tenses
  - b. Joining of sentences without using and, but, so.
  - c. Sentences with blanks for Prepositions
  - d. Transformation of sentences

## **GEOGRAPHY**

1. Chapter 7: Climate
2. Chapter 8: Soil resources
3. Chapter 9: Natural Vegetation
4. Chapter 10: Water Resources
5. Chapter 20: Transport
6. Chapter 21: Waste Management –I
7. Chapter 22: Waste Management –II
8. Topo Sheets, Map of India.



### **MATHS**

1. Chapter 1: Goods and Service Tax (GST)
2. Chapter 2: Banking
3. Reduced by CISCE
4. Chapter 4: Linear Inequations
5. Chapter 5: Quadratic Equations in one Variable
6. Chapter 6: Factorisation
7. Chapter 7: Ratio and Proportion
8. Chapter 8: Matrices
9. Chapter 9: Arithmetic and Geometric Progressions
10. Chapter 10: Reflection
11. Chapter 11: Section Formula
12. Chapter 12: Equation of a Straight Line

### **CHEMISTRY**

1. Chapter 1: Periodic Table- Periodic Properties and Variations of Properties
2. Chapter 2: Chemical Bonding
3. Chapter 3: A: Acids, Bases and Salts  
B: Analytical Chemistry- Use of Ammonium and Sodium hydroxide.
1. Chapter 4: Mole Concept and Stoichiometry

### **PHYSICS**

1. Chapter 1: Force
2. Chapter 2: Work, Energy and Power
3. Chapter 3: Machines
4. Chapter 4: Refraction of Light at Plane Surfaces
5. Chapter 5: Refraction through a Lens
6. Chapter 6: Spectrum



## **COMPUTER**

1. Chapter 1: Object oriented programming Concepts
2. Chapter 2: Introduction to Java
3. Chapter 3: Values and data types
4. Chapter 4: Operators in Java
5. Chapter 5: User defined Methods
6. Chapter 6: Input in Java
7. Chapter 7: Mathematical Library Methods.
8. Chapter 8: Conditional Constructs in Java
9. Chapter 9: Iterative Constructs in Java
10. Chapter 11: Constructors.

## **HINDI**

संक्षिप्त कहानियाँ

1. पाठ 8– भीड़ में खोया आदमी
2. पाठ 9– भेड़ें और भेड़िए

पद्य भाग

1. पाठ 7– विनय के पद
2. पाठ 9– चलना हमारा काम

व्याकरण– (पुस्तक व्याकरण वृक्ष)

विलोम शब्द– मान से विदुषी (पृ0 198)

पर्यायवाची शब्द– लड़का से संसार (पृ0 195)

भाववाचक संज्ञाएँ बनाना– अहं से संकमित (पृ0 184– 185)

विशेषण बनाना– (पृष्ठ सं0 183 के सभी)

वर्तनी की अशुद्धियाँ

मुहावरे 103 से 120

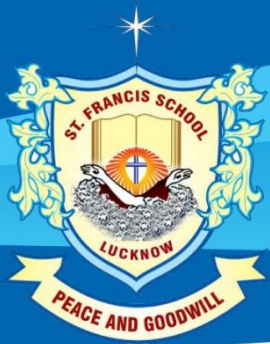
लोकोक्तियाँ 21 से 40

वाक्यगत अशुद्धियों का शोधन–

वाक्य परिवर्तन

प्रस्ताव लेखन

पत्र लेखन



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### Moral Science

1. Sugar and Salt
2. Three Ministers
3. Untie the knots.

Prayers- Monday to Saturday  
School Anthem