



*St. Francis School,* Gomti Nagar, Lucknow

**HALF YEARLY SYLLABUS FOR CLASS-10**  
**(JULY, AUGUST, SEPTEMBER) 2021-2022**

**MATHEMATICS**

1. Chapter- 1 GST.
2. Chapter- 2 BANKING
4. Chapter- 4 LINEAR INEQUATIONS
5. Chapter- 5 QUADRATIC EQUATION
6. Chapter- 6 FACTORISATION
7. Chapter- 7 PROPORTION
8. Chapter- 8 MATRICES
9. Chapter- 9 Arithmetic Progressions
10. Chapter- 10 REFLECTION
11. Chapter- 11 SECTION FORMULA

**HISTORY**

- Chapter- 1: First War of Independence, 1857
- Chapter- 2: Growth of Nationalism
- Chapter- 3: First Phase of Indian National Movement
- Chapter- 4: Second Phase of the Indian National Movement
- Chapter- 5: The Muslim League
- Chapter- 10: First World War
- Chapter-:11 Rise of Dictatorships
- Chapter-12: Second World War
- Chapter- 13: United Nations
- Chapter- 14: Major Agencies of the United Nations

**CIVICS :**

- Chapter- 1: The Union Parliament
- Chapter- 2: The President and the Vice-President
- Chapter- 3: Prime Minister and Council of Ministers

**BIOLOGY**

- Chapter-2. Structure of Chromosomes, Cell Cycle and Cell Division
- Chapter-4. Absorption by Roots – The Processes Involved
- Chapter-5. Transpiration
- Chapter-6. Photosynthesis
- Chapter-8. The Circulatory System
- Chapter-9. The Excretory System
- Chapter-12. The Endocrine System



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## **GEOGRAPHY**

1. Interpretation of Topographical maps
  2. Contours
  3. Scales and Direction
  4. Map reading and interpretation
  5. Map of India
  6. Climate
  7. Soil
  8. Natural vegetation
  9. Transport
  10. Water Resources
  11. Mineral Resources
- Including map work of India

## **ENGLISH LITERATURE**

### **POETRY**

1. I Know why the Caged Bird Sings (Maya Angelou)
2. The Patriot- Robert Browning

### **PROSE**

1. The Little Match Girl
2. The Blue Bead – (Norah Burke)

### **DRAMA**

1. The Merchant of Venice-Act III, Scenes 2 & 3.

## **ENGLISH LANGUAGE**

1. Chapter I
2. Chapter II
3. Chapter III
4. Functional Grammar
5. E-mail
6. Notice



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### HINDI LITERATURE

गद्य

पाठ 9– भेड़े और भेड़िए

पाठ 10– दो कलाकार

पाठ 1– बात अठन्नी की

पाठ 2– काकी

पाठ 3– महायज्ञ का पुरस्कार

पाठ 4– नेताजी का चश्मा

पाठ 6– बड़े घर की बेटी

पाठ 8– भीड़ में खोया आदमी

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पद्य

पाठ 7– विनय के पद

पाठ 9– चलना हमारा काम

पाठ 1– साखी

पाठ 2– गिरिधर की कुंडलियाँ

पाठ 3– स्वर्ग बना सकते हैं

पाठ 4– वह जन्मभूमि मेरी है

पाठ 5– मेघ आए

पाठ 6– सूर के पद

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### HINDI LANGUAGE

Composition

प्रस्ताव लेखन

Letter

पत्र लेखन

Comprehension

अपठित गद्यांश

Grammar

वाक्यगत अशुद्धियों का शोधन

वर्तनी की अशुद्धियों का शोधन

वाक्य रूपांतरण (परिवर्तन)

लिंग एवं वचन परिवर्तन

भाववाचक संज्ञाएँ बनाना

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विशेषण बनाना

विलोम शब्द— धनी से सजल (पृष्ठ सं, 262–263)

पर्यायवाची शब्द— बन्दर से हृदय (पृष्ठ सं, 255–256)

मुहावरे 71–100 एवं लोकोक्तियाँ 51–64

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### PHYSICS

Chapter 1 Force

Chapter 2 Work energy and Power

Chapter 3 Machines

Chapter 4 Refraction of light at plane surfaces

Chapter 5 Refraction through a lens

Chapter 6 Spectrum

### COMPUTER

1. Chapter 9: ITERATIVE CONSTRUCTS IN JAVA

2. Chapter 10: NESTED FOR LOOP

3. Chapter 5: USER- DEFINE METHODS

4. Chapter 11: CONSTRUCTOR

5. Chapter 15: STRING HANDLING

### CHEMISTRY

1. Chapter 1- Periodic Table

2. Chapter 2- Chemical Bonding

3. Chapter 3- A: Acids, Bases and Salts

B: Analytical Chemistry

4. Chapter 4- Mole Concept and Stoichiometry (A&B)

### Moral Science

Chapter 1- Sugar and Salt

Chapter 2- Time to Jump

School prayers of Monday, Tuesday, Wednesday and Thursday.

School Anthem