



*St. Francis School*, Gomti Nagar, Lucknow

## FINAL EXAMINATION SYLLABUS 2021-22

### CLASS IX

#### PHYSICS

1. Ch 2 Motion in one Dimension
2. Ch 4 Pressure in Fluids and Atmospheric pressure
3. Ch 6 Heat and Energy
4. Ch 7 Reflection of Light
5. Ch 8 Propagation of Sound Waves
6. Ch 9 Current Electricity
7. Ch 10 Magnetism

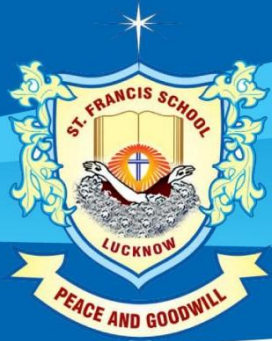
#### CHEMISTRY

1. Chapter 1: Language of Chemistry
2. Chapter 2: Chemical Changes and Reactions
3. Chapter 3: Water
4. Chapter 4: Atomic Structure and Chemical Bonding
5. Chapter 6: Hydrogen
6. Chapter 7: Study of Gas laws.

#### BIOLOGY

Ch-2 Cell: The Unit of Life

Ch-3 Tissues: Plant and animal tissues



*St. Francis School,* Gomti Nagar, Lucknow

**Ch-7 Respiration in Plants**

**Ch-11 Digestive system**

**Ch-12 Skeleton- Movement and Locomotion**

**Ch-13 Skin-“The Jack of All Trades”**

**Ch-14 The Respiratory System**

**Ch-15 Hygiene- [A key to healthy life]**

**Ch-16 Diseases: Causes and Control**

**Ch-17 Aids to health**

**Ch-18 Health Organizations**

**Ch-19 Waste Generation and Management**

## **ENGLISH LANGUAGE**

**Composition**

**Letter (Formal & Informal)**

**Notice**

**Email**

**Comprehension**

**Functional Grammar, Structure and Use of Language**

## **ENGLISH LITERATURE**

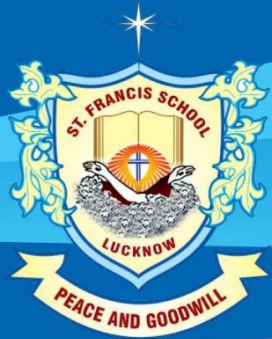
**Prose:- Treasure Trove**

**1. A Horse and two Goats (S.No.3)**

**2. An Angel In Disguise (S. No. 6)**

**From U.T.I Course:-**

**3. Old Man at the Bridge (S. No.2)**



*St. Francis School,* Gomti Nagar, Lucknow

**Poetry: Treasure Trove**

- 1. After Blenheim (S.No.4)**
- 2. Television (S.No.5)**
- 3. Daffodils (S.No.6)**

**From the Half Yearly Course:-**

- 4. The Cold Within (S.No.2)**

**Play:-**

- 1. Act II:- Scenes II-IX**
- 2. Act III:- scene I**

**GEOGRAPHY**

- 1. Chapter 2- Geographic Grid- latitudes and Longitudes**
- 2. Chapter 6- Rocks**
- 3. Chapter 10- Denudation**
- 4. Chapter 13- Insolation**
- 5. Chapter 14- Atmospheric Pressure and Winds.**
- 6. Chapter 15- Humidity**
- 7. Chapter 16- Pollution**
- 8. Chapter 17- Sources of Pollution**
- 9. Chapter 18- Effects of Pollution**
- 10. Chapter 19- Preventive Measures**
- 11. Chapter 20- Natural Regions of the World.**



*St. Francis School,* Gomti Nagar, Lucknow

## **HISTORY**

**Ch 3 -Jainism and Buddhism**

**Ch 8 - The Delhi Sultanate**

**Ch 9 - The Mughal Empire**

**Ch 10 - Composite Culture**

**Ch 11 - Renaissance**

**Ch 12 - Reformation**

**Ch 13 - Industrial Revolution**

## **CIVICS**

**Ch 2 - Salient Features of the Constitution - I**

**Ch 4 - Elections**

**Ch 5 - Local Self-Government - Rural**

**Ch 6 - Local Self- Government – Urban**

## **MATHS**

**1. Factorization**

**2. Quadratic equations**

**3. Mid-point Theorem**

**4. Pythagoras Theorem**

**5. Rectilinear Figures**

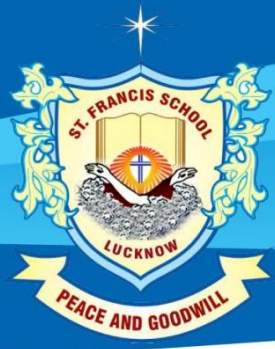
**6. Circle**

**7. Mensuration**

**8. Trigonometric Ratios**

**9. Trigonometric Ratios of standard angles**

**10. Coordinate Geometry**



*St. Francis School,* Gomti Nagar, Lucknow

## 11. Statistics

### COMPUTER

Chapter-1 Introduction to Object Oriented Programming

Concepts

Chapter-3 Elementary Concepts of Objects and Classes

Chapter-4 Value and Data types

Chapter-5 Operators in Java

Chapter-7 Input in Java

Chapter-8 Mathematical Library methods

Chapter-9 Conditional Constructs in Java

Chapter-10 Iterative Constructs in Java

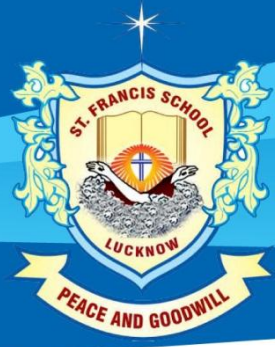
### HINDI LITERATURE

गद्य

1. पाठ— 1 बात अठन्नी की
2. पाठ— 2 काकी
3. पाठ— 3 महायज्ञ का पुरस्कार
4. पाठ – 4 नेताजी का चश्मा
5. पाठ— 5 अपना—अपना भाग्य

पद्य

1. पाठ – 1 साखी
2. पाठ— 2 गिरिधर की कुंडलियाँ
3. पाठ—3 स्वर्ग बना सकते हैं
4. पाठ – 4 वह जन्मभूमि मेरी



*St. Francis School,* Gomti Nagar, Lucknow

5. पाठ— 5 मेघ आए

## **HINDI LANGUAGE**

### **Composition**

प्रस्ताव लेखन

Letter

पत्र लेखन

Comprehension

अपठित गद्यांश

## **GRAMMER**

1. वाक्यगत अशुद्धियों का शोधन
2. वर्तनी की अशुद्धियों का शोधन
3. वाक्य रूपांतरण (परिवर्तन)
4. लिंग एवं वचन परिवर्तन
5. भाववाचक संज्ञाएँ बनाना— पृष्ठ संख्या 184,185 के सभी शब्द
6. विशेषण बनाना— पृष्ठ संख्या 173 से 181 सभी शब्द
7. विलोम शब्द— कीर्ति से निरर्थक (पृष्ठ सं 197–198)
8. पर्यायवाची शब्द— गर्मा से देह (पृष्ठ सं 192–193)
9. मुहावरे— 61–84 (पृष्ठ संख्या 229–230) एवं लोकोक्तियाँ – 32–45 (पृष्ठ संख्या 238)

