

# **ST. FRANCIS CO-ED SCHOOL, BARRAI, BHOPAL**

**Class -XII AB**

**Syllabus 2025-26**

## **MATHEMATICS**

### **PT-I**

Chapter-2 Inverse trigonometry

Chapter -3 Matrices

Chapter -4 Determinants

### **Term-I**

Chapter -1 Relations and functions

Chapter- 2 Inverse trigonometry

Chapter -3 Matrices

Chapter -4 Determinants

Chapter -5 Continuity and differentiability

Chapter -6 Application of derivatives

### **PT-II**

Chapter-7 Integrals

Chapter-12 Linear Programming

### **Pre- Board**

Chapter -1 Relations and functions

Chapter- 2 Inverse trigonometry

Chapter -3 Matrices

Chapter -4 Determinants

Chapter -5 Continuity and differentiability

Chapter -6 Application of derivatives

Chapter- 7 Integrals

Chapter- 8 Application of integrals

Chapter- 9 Differential Equations

Chapter-10 Vectors

Chapter -11 Three -dimensional geometry

Chapter- 12 Linear Programming

Chapter -13 Probability

## **BIOLOGY**

### **PT-I**

Chapter-1 Sexual reproduction in flowering plants

Chapter-2 Human reproduction

Chapter-3 Reproductive health

### **Term-I**

Chapter-1 Sexual reproduction in flowering plants

Chapter-2 Human reproduction

Chapter-3 Reproductive health

Chapter-4 Principles of Inheritance and Variation

Chapter-5 Molecular basis of inheritance

Chapter-6 Evolution

### **PT-II**

Chapter-7 Human health and disease

Chapter-8 Microbes in human welfare

### **Pre- Board**

Chapter- 1 Sexual reproduction in flowering plants

Chapter -2 Human reproduction

Chapter -3 Reproductive health

Chapter -4 Principles of Inheritance and Variation

Chapter- 5 Molecular basis of inheritance

Chapter- 6 Evolution

Chapter- 7 Human health and disease

Chapter- 8 Microbes in human welfare

Chapter -9 Biotechnology: Principle and processes

Chapter -10 Biotechnology and its Application

Chapter -11 Organisms and populations

Chapter -12 Ecosystem

Chapter -13 Biodiversity and Conservation

## **CHEMISTRY**

### **PT-I**

Chapter-1

Solution

Chapter- 3

Chemical kinetics

### **Term-I**

Chapter-1 Solution

Chapter 2-Electrochemistry

Chapter-3 Chemical Kinetics

Chapter-6 Haloalkane and haloarene

Chapter 7 alcohol phenol and ethers

### **PT-II**

Chapter 5-d and f block

Chapter 6 coordination compound

Chapter-10 Biomolecules

Chapter-8 Aldehyde and ketone

### **Pre-Board**

Chapter-1

Solution

Chapter-2

Electrochemistry

Chapter-3 Chemical Kinetics

Chapter-4 d and f block elements

Chapter-5 Coordination chemistry  
Chapter-6 Haloalkanes and Haloarenes  
Chapter-7 Alcohol phenol and ether  
Chapter-8 Aldehyde and ketone  
Chapter-9 Amines  
Chapter-10 Biomolecules

## **PHYSICS**

### **PT-I**

CH -1 Electric charge & electric fields  
CH -2 Electric potential & capacitance  
CH -3 Current electricity

### **TERM -I**

CH -4 Moving charges & magnetism  
CH -5 Magnetism & matter  
CH -6 EMI  
CH-7 Alternating current  
CH- 1 TO CH- 7

### **PT-II**

CH- 8 Electromagnetic waves  
CH -11 Dual nature of radiation & matter.  
CH -9 Ray optics

### **PRE- BOARD**

CH -10 Wave optics  
CH- 14 Semiconductor and electronic devices  
CH-13 Atom  
CH-14 NUCLEI  
CHAPTERS 1 TO 14

## **ENGLISH**

### **PT-I**

#### **(Flamingo)**

Lesson -1 The Last Lesson  
Lesson -2 Lost Spring  
Lesson-3 Deep Water

#### **(Poem)**

1. My Mother at Sixty Six

#### **(Vistas)**

Lesson-1 The Third Level  
Lesson-2 The Tiger King

### **TERM-I**

#### **(Flamingo)**

Lesson-1 The Last Lesson

Lesson-2 Lost Spring

Lesson-3 Deep Water

Lesson-4 The Rattrap

**(Poem)**

1. My Mother at Sixty-Six

2. Keeping Quiet

3. A Thing of Beauty

**(Vistas)**

Lesson-1 The Third Level

Lesson-2 The Tiger King

Lesson-3 Journey to the End of the Earth

Lesson-4 The Enemy

**PT-II**

**(Flamingo)**

Lesson-5 Indigo

Lesson-6 Poets and Pancakes

Lesson-7 The Interview

**(Poem)**

4. A Roadside Stand

**(Vistas)**

Lesson-5 On the face of it

**PRE- BOARD**

**(Flamingo)**

Lesson-1 The Last Lesson

Lesson-2 Lost Spring

Lesson-3 Deep Water

Lesson-4 The Rattrap

Lesson-5 Indigo

Lesson-6 Poets and Pancakes

Lesson-7 The Interview

Lesson-8 Going Places

**(Poem)**

1. My Mother at Sixty Six

2. Keeping Quiet

3. A Thing of Beauty

4. A Roadside Stand

5. Aunt Jennifer's Tigers

**(Vistas)**

Lesson -1 The Third Level

Lesson -2 The Tiger King  
Lesson -3 Journey to the End of the Earth  
Lesson -4 The Enemy  
Lesson -5 On the face of it  
Lesson -6 Memories of Childhood

## **PHYSICAL EDUCATION**

### **PT-I**

Chapter -1 Planning in Sports  
Chapter -2 Sports and Nutrition  
Chapter -3 Yoga and Lifestyle

### **TERM-I**

Chapter -1 Planning in Sports  
Chapter -2 Sports and Nutrition  
Chapter -3 Yoga and Lifestyle  
Chapter -4 Physical Education and Sports for CWSN  
Chapter -5 Children and Women in Sports  
Chapter -6 Test and Measurement in Sports  
Chapter -7 Physiology and Injuries in Sports

### **PT-II**

Chapter -8 Biomechanics and Sports  
Chapter -9 Psychology in Sports  
Chapter -10 Training in Sports

### **PRE-BOARD**

Chapter -1 Planning in Sports  
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