

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

Class: XII-B

## SYLLABUS 2024-25

### 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-1

Chapter-1

Solution

Chapter-2

Electrochemistry

#### Term-1

Chapter-1

Solution

Chapter-2

Electrochemistry

Chapter-6 Haloalkanes and Haloarenes

Chapter-7 Alcohol phenol and ether

Chapter-10 Biomolecules

## **PT-2**

Chapter-3 Chemical Kinetics

Chapter-9 Amines

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-1**

CH -1 Electric charge & electric fields

CH -2 Electric potential & capacitance

CH -3 Current electricity

### **TERM -1**

CH -4 Moving charges & magnetism

CH -5 Magnetism & matter

CH -6 EMI

CH-7 Alternating current

TERM-1 Including CH- 1 TO CH- 7

### **PT-2**

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

PRE-BOARD EXAM INCLUDING ALL 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
2. An Elementary School Classroom in a Slum

**(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. An Elementary School Classroom in a Slum
3. Keeping Quiet
4. 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)**

5. A Roadside Stand

**(Vistas)**

Lesson -5 Should Wizard Hit Mommy

Lesson -6 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. An Elementary School Classroom in a Slum
3. Keeping Quiet
4. A Thing of Beauty
5. A Roadside Stand
6. 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 Should Wizard Hit Mommy  
Lesson -6 On the face of it  
Lesson -7 Evans Tries an O -Level  
Lesson -8 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  
Chapter -2 Sports and Nutrition  
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