

ST. FRANCIS CO-ED SCHOOL, BARRAI, BHOPAL

Class -XII AB

Syllabus 2026-27

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- 10 Biomolecules

Term-I

Chapter-1 Solution

Chapter-2- Electrochemistry

Chapter-6 Haloalkane and haloarene

Chapter- 7 alcohol phenol and ethers

Chapter-10 Biomolecules

PT-II

Chapter-3 Chemical Kinetics

Chapter 5-d and f block

Chapter 6 Coordination compound

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 Management of Sporting Events
Chapter -2 Children and Women in Sports
Chapter -3 Yoga as Preventive measure for lifestyle diseases

TERM-I

Chapter -1 Management of Sporting Events
Chapter -2 Children and Women in Sports
Chapter -3 Yoga as Preventive measure of lifestyle diseases
Chapter -4 Physical Education and Sports for CWSN
Chapter -5 Sports and Nutrition

PT-II

Chapter -6 Test and Measurement in Sports
Chapter -7 Physiology and Injuries in Sports
Chapter -8 Biomechanics and Sports

PRE-BOARD

Chapter -1 Management of Sporting Events
Chapter -2 Children and Women in Sports
Chapter -3 Yoga as Preventive measure of lifestyle diseases
Chapter -4 Physical Education and Sports for CWSN
Chapter -5 Sports and Nutrition
Chapter -6 Test and Measurement in Sports
Chapter -7 Physiology and Injuries in Sports
Chapter -8 Biomechanics and Sports
Chapter -9 Psychology in Sports
Chapter -10 Training in Sports

Informatics Practices

PT-I

Ch-1 – Python Pandas -I
Ch-6 – Sql Functions
Ch-9 – Introduction to Computer Networks

Term- I

Ch-1 – Python Pandas -I
Ch-2 – Sql Functions
Ch.-3 – Plotting with PyPlot
Ch-9 – Introduction to Computer Networks

Ch-10 –Introduction to Internet and Web

PT-II

Ch- 7 Querying Using SQL : Order By, Group By

Ch.-8 Joins and Set Operations

Ch.-11 Societal Impact

Term- II

Ch-1 – Python Pandas -I

Ch.-3 – Plotting with PyPlot

Ch- 4 Importing/Exporting Data Between CSV Files/MySQL and Pandas

Ch-5 MySQL SQL Revision Tour

Ch-6 – Sql Functions

Ch- 7 Querying Using SQL: Order By, Group By

Ch.-8 Joins and Set Operations

Ch-9 – Introduction to Computer Networks

Ch-10 –Introduction to Internet and Web

Ch.-11 Societal Impact

PHYSICAL ACTIVITY TRAINER (845)

PT-I

Subject Specific Skills

UNIT 1: Overview of Physical Education and Sport Sector

Employability Skills

UNIT-1: Communication Skills IV

TERM-I

Subject Specific Skills

UNIT 1: Overview of Physical Education and Sport Sector

UNIT 2: Assessment of Students

Employability Skills

UNIT-1: Communication skills IV

UNIT-2: Self-management skills IV

UNIT-3: Information and Communication Technology Skills IV

PT-II

Subject Specific Skills

UNIT 3: Emergency Management

Employability Skills

UNIT-4: Entrepreneurial Skills IV

TERM-II

Subject Specific Skills

UNIT 1: Overview of Physical Education and Sport Sector

UNIT 2: Assessment of Students

UNIT 3: Emergency Management

UNIT 4: Health and Hygiene in Play area

Employability Skills

UNIT-1: Communication skills IV

UNIT-2 : Self-management skills IV

UNIT-3 : Information and Communication Technology Skills IV

UNIT-4: Entrepreneurial Skills IV

UNIT-5: Green Skills IV