

ST. FRANCIS CO-ED SCHOOL, BARRAI, BHOPAL

Class: XII -A

SYLLABUS 2023-24

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

CHEMISTRY

PT-1

Chapter-1

Solution

Chapter-2

Electrochemistry

Term-1

Chapter-1

Solution

Chapter-2

Electrochemistry

Chapter-3 Chemical Kinetics

Chapter-4 d and f block elements

Chapter-5 Coordination chemistry

PT-2

Chapter-6 Haloalkanes and Haloarenes

Chapter-7 Alcohol phenol and ether

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

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