

ST. FRANCIS CO-ED SCHOOL, BARRAI, BHOPAL
CLASS-XI A & B
SYLLABUS 2023-24

MATHEMATICS

PT- I

Chapter-1 Sets
Chapter-2 Relations and functions

Term-I

Chapter-1 Sets
Chapter-2 Relations and functions
Chapter-3 Trigonometry
Chapter-4 Principal of mathematical induction
Chapter-5 Complex Numbers
Chapter-6 Linear inequalities
Chapter-7 Permutations and Combinations
Chapter -8 Binomial

PT-II

Chapter -9 Sequence and series
Chapter -10 Straight lines

Term-II

Chapter-1 Sets
Chapter-2 Relations and functions
Chapter-3 Trigonometric functions
Chapter-4 Principal of mathematical induction
Chapter-5 Complex Numbers and Quadratic Equations
Chapter-6 Linear Inequalities
Chapter-7 Permutations and Combinations
Chapter -8 Binomial Theorem
Chapter -9 Sequence and series
Chapter -10 Straight lines
Chapter-11 Conic Sections
Chapter -12 Introduction to Three-dimensional geometry
Chapter-13 Limits and derivatives
Chapter- 14 Statistics
Chapter -15 Probability

BIOLOGY

PT 1

1. The living world
2. The biological classification
3. Plant Kingdom

Term 1

1. Chapter 1 The living world
2. Biological classification

3. Plant Kingdom
4. Animal Kingdom
5. Morphology of flowering plants
6. Anatomy of flowering plants
7. Structural organization in animals
8. Cell the unit of life
9. Biomolecules
10. Cell division

PT-2

1. Chapter 13 Photosynthesis in higher plants
2. Chapter 14 Respiration in plants

Term-2

- Chapter 1_14
- Chapter 15 Plant growth and regulators
- Chapter 17 Breathing
- Chapter 18 Circulation
- Chapter 19 Excretory production
- Chapter 20 Location and movement
- Chapter 21 Neural control and co-ordination
- Chapter 22 Chemical co-ordination and integration

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 -2 Units and measurements
CH -3 Motion in a straight line.
CH - 4 Motion in a plane
CH - 5 Laws of motion
CH -6 Work, energy and power
CH -7 System of particles and rotational motion
CH - 8 Gravitation

Term-1

CH - 2, 3, 4, 5, 6, 7 & 8
CH-9 Mechanical properties of solids
CH -10 Mechanical properties of fluids

PT-2

CH -11 Thermal properties of matter
CH -12 Thermodynamics
CH - 13 Kinetic theory of gases
CH - 14 Oscillations

Half yearly exam

CH-4 TO 14
CH - 15 Waves

PHYSICAL EDUCATION

PT1

Chapter 1 -Changing trends and career in Physical Educational
Chapter 2- Olympic value education

Term 1

Chapter 1 -Changing trends and career in Physical Educational
Chapter 2- Olympic value education
Chapter 3- Physical fitness, wellness and lifestyle
Chapter 4 - Physical Education and sports for CWSN
Chapter 5- Yoga

PT 2

Chapter 6 - Physical activity and leadership training
Chapter 7- Test, measurement and evaluation

PT-II

Chapter 1 -Changing trends and career in Physical Educational
Chapter 2- Olympic value education
Chapter 3- Physical fitness, wellness and lifestyle
Chapter 4 - Physical Education and sports for CWSN
Chapter 5- Yoga

Chapter 6 - Physical activity and leadership training
Chapter 7- Test, measurement and evaluation
Chapter 8- Fundamentals of anatomy physiology and kinesiology in sports
Chapter 9- Psychology and sports
Chapter 10- Training and doping in sports

ENGLISH

Periodic Test-1

(Hornbill)

Lesson-1 The Portrait of a Lady

Lesson-2 we're Not Afraid to Die...if We can All Be Together

(Snapshot)

Lesson-1 The Summer of the Beautiful White Horse

Lesson-2 The address

(Poem)

1. A photograph

(Grammar)

Tenses

Modals

Transformation of sentences

Subject-verb Concord

General grammar

(Writing skills)

Speech

Term-1

(Hornbill)

Lesson-1 to 2

Lesson-3 Discovering Tut: Saga continues

Lesson-4 Landscape of the soul

(Snapshots)

Lesson-1 The Summer of the Beautiful White Horses

Lesson-2 The Address

Lesson -3 Ranga's Marriage

Lesson-4 Albert Einstein at school

(Poem)

1. A Photograph
2. The Laburnum Top
3. The voice of the Rain

(Writing skills)

Advertisement

Speech

(Grammar)

Tenses

Modals

Transformation of sentences

Subject-verb

General grammar

Periodic Test-2

(Hornbill)

Lesson-5 The Ailing planet: the Green Movement's Role

Lesson-6 The Browning Version

(Snapshot)

Lesson-5 Mother's Day

Lesson-6 The Ghat of the only World

(Poem)

1. Childhood
2. Father to Son

(Grammar)

Tenses

Modal verbs

Transformation of sentences

Subject verb Concord

General grammar

(Writing skills)

Advertisement

Speech

Poster

Term-2

(Hornbill)

Lesson-1 to 6

Lesson- 7 The Adventure

Lesson-8 Silk Road

(Snapshots)

Lesson-1 to 6

Lesson-7 Birth

Lesson-8 The Tale of Melon City

(Poem)

1. A Photograph
2. The Laburnum Top
3. The Voice of the Rain
4. Childhood
5. Father to son

(Grammar)

Tenses

Modals verb

Transformation of sentences

Subject-verb Concord

General grammar

(Writing skills)

Advertisement

Poster

Speech

Debate