

SILVER POINT SCHOOL
31/1, N. C. Chowdhury Road, Kolkata - 42

SYLLABUS - 2024-25

Class - XII (Science)

ENGLISH

Books : Hornbill

Vistas

Mid Term

Literature

1. The Last Lesson
2. Lost Spring
3. Deepwater
4. The Rattrap
5. Indigo
6. My Mother at Sixty-Six
7. Keeping Quiet
8. A Thing of Beauty
9. The Third Level
10. The Tiger King
11. Journey to the End of the Earth
12. The Enemy
13. Aunt Jennifer's Tiger

Writing Skills

Letter Writing, Letter of accepting Invitation. Letter of Refusing Invitation, Report Writing, Notice Writing, Invitation letter, Article Writing

Post Mid Term

Literature

1. The Interview
2. Poets and Pancakes
3. Going Places
4. A Roadside Stand
5. On The Face Of it
6. Memories of Childhood
7. We Too Are Human Beings
8. Poets and Pancakes
9. The Cutting of My Long Hair
10. We Too Are Human Beings

PHYSICS

Mid Term

1. Electric Charges and Field
2. Electrostatic Potential and Capacitance
3. Current Electricity
4. Moving Charges and Magnetism
5. Magnetism and matter
6. Electro Magnetic Induction
7. Alternating Current
8. Electromagnetic Waves

Post Mid Term

1. Ray Optics and Optical Instrument
2. Wave Optics
3. Dual Nature of Matter and Radiation

Selection Syllabus

4. Atoms
5. Nuclei
6. Semiconductor Electronics

CHEMISTRY

Mid Term

1. Solution
2. Haloalkanes and Haloarenes
3. Alcohol Phenol Ethers
4. Electro Chemistry
5. Chemical Kinetics
6. Aldehydes and Ketones
7. Carboxylic acids
8. Amines
9. D and f block elements
10. Term I Practical Work
11. Volumetric Analysis
12. Content Based Practical
13. Salt Analysis
14. Project Work
15. Lab Copy

Mid Term

1. Co ordination Compounds
2. Biomolecules
3. Term II Practical work
4. Salt Analysis

5. Content Based Practical
6. Project work and Lab copy submission

BIOLOGY

Mid Term

1. Sexual Reproduction in flowering plants
2. Human reproduction
3. Reproductive Health
4. Principles of inheritance and variation
5. Molecular basis of inheritance
6. Evolution
7. Human Health and Diseases
8. Organisms and Population
9. Ecosystem

Post Mid Term

1. Microbes in human welfare
2. Biotechnology principles and processes
3. Biotechnology and its applications
4. Biodiversity and its conservation

MATHEMATICS

Mid Term

1. Relation & Function
2. Inverse Trigonometric Functions
3. Matrices
4. Determinants
5. Continuity and differentiability
6. Application of derivatives

7. Integrals
8. Applications of the Integrals

Post Mid Term

1. Differential Equations
2. Vectors
3. 3-D Geometry
4. Probability
5. Linear Programming

ECONOMICS

Mid Term

Part : A (Introductory macro economics)

- 1) National income and related aggregates
- 2) Money and Banking
- 3) Determination of income and employment
- 4) Government budget
- 5) Balance of payment

Part B (Indian Economic development)

- 1) Development experience (1947 - 90) and Economic reforms since 1991
- 2) Current challenge facing Indian Economy
- 3) Development experience of India - A comparison with neighbours

Post Mid Term

- 1) Development experience and economic reforms since 1991 (3 lesson)
- 2) Government Budget
- 3) Current Challenge failing Indian Economy (3 Lesson)
- 4) Balance of payment

- 5) Development experience of India - A comparison with neighbours.

COMPUTER SCIENCE

Mid Term

1. Computational thinking and programming - II
2. Database Management

Post Mid Term

3. Computer Networks
4. Revision of Mid Term

PSYCHOLOGY

Mid Term

1. Variations in Psychological Attributes
2. Self and Personality
3. Meeting Life Challenges
4. Psychological Disorders

Post Mid Term

1. Variations in Psychological Attributes
2. Self and Personality
3. Meeting Life Challenges
4. Psychological Disorders
5. Therapeutic Approaches
6. Attitude and Social Cognition
7. Social influence and Group Processes

PHYSICAL EDUCATION

Mid Term

1. Management of sporting Events
2. Children and women in sports

3. Yogan as preventive measure for life style diseases
4. Physical Education & Sports for (CWSN)
5. Sports and Nutrition
6. Test and Measurement in Sports

Post Mid Term

1. Physiology & Injuries in Sports
2. Biomechanics and Sports
3. Psychology and sports
4. Training in sports
5. Viva voce (Health/ Games & Sports / yoga)

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