

CLASS 12 — SCIENCE STREAM

HALF YEARLY EXAMINATION SYLLABUS 2026–27

BIOLOGY

- Chapter 1: Sexual Reproduction in Flowering Plants
- Chapter 2: Human Reproduction
- Chapter 3: Reproductive Health
- Chapter 4: Principles of Inheritance and Variation
- Chapter 6: Evolution
- Chapter 9: Biotechnology: Principles and Processes
- Chapter 10: Biotechnology and its Applications

CHEMISTRY

- 1. Solutions
- 2. Electrochemistry
- 3. Chemical Kinetics
- 6. Haloalkanes and Haloarenes
- 7. Alcohols, Phenols and Ethers

PHYSICS

- 1. Electric Charges & Fields
- 2. Electrostatic Potential & Capacitance
- 3. Current Electricity
- 4. Moving Charges & Magnetism
- 5. Magnetism & Matter
- 6. Electromagnetic Induction

MATHEMATICS

- Chapter 1: Relations and Functions
- Chapter 2: Inverse Trigonometric Functions
- Chapter 3: Matrices
- Chapter 4: Determinants
- Chapter 5: Continuity and Differentiability
- Chapter 6: Applications of Derivatives
- Chapter 7: Integrals (up to Exercise 7.4)

ENGLISH

- **Prescribed Books:** Flamingo & Vistas

- **Flamingo — Prose**

- Ch-1 The Last Lesson
- Ch-2 Lost Spring
- Ch-3 Deep Water
- Ch-4 The Rattrap

- **Flamingo — Poems**

- 1. My Mother at Sixty-six
- 2. Keeping Quiet
- 3. A Thing of Beauty

- **Vistas**

- 1. The Third Level
- 2. The Tiger King
- 3. Journey to the End of the Earth
- 4. The Enemy

- **Writing Skills**

- 1. Notice Writing
- 2. Formal / Informal Invitation
- 3. Letter to the Editor
- 4. Article Writing
- 5. Report Writing

PHYSICAL EDUCATION

- Unit 1: Management of Sporting Events
- Unit 2: Children & Women in Sports
- Unit 3: Yoga as Preventive Measure for Lifestyle Disease
- Unit 4: Physical Education & Sports for CWSN
- Unit 5: Sports & Nutrition
- Unit 6: Test & Measurement in Sports

IP (INFORMATICS PRACTICES)

- 1. SQL
- 2. Python

ENTREPRENEURSHIP

- Unit 1: Entrepreneurial Opportunity
- Unit 2: Entrepreneurial Planning
- Unit 3: Enterprise Marketing
- Unit 4: Enterprise Growth Strategies

MARKETING

- **Practical:** Project File on Pricing Policies and Strategies
- **Theory:**
 - 1. Product
 - 2. Price Decision
 - 3. Place Decision: Channel of Distribution