

# **SILVER POINT SCHOOL**

31/1, N. C. Chowdhury Road  
Kolkata - 700 042



## **Syllabus for CLASS - XII (SCIENCE) 2025-26**

# SILVER POINT SCHOOL

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

## SYLLABUS – 2025-26

Class - XII (Science)

### ENGLISH

#### MIDTERM SYLLABUS

##### LITERATURE:

1. The Last Lesson
2. Lost Spring
3. Deep Water
4. The Rat Trap
5. Indigo
6. My Mother at Sixty Six (Poem)
7. Keeping Quiet (Poem)
8. A Thing of Beauty (Poem)
9. The Third Level
10. The Tiger King
11. Journey To The End of The Earth
12. The Enemy
13. Aunt Jennifer's Tigers (poem)

##### WRITING SKILLS:

1. Letter of accepting / declining invitation,
2. Report Writing
3. Notice Writing
4. Application with bio data
5. Article Writing
6. Formal invitation
7. Analytical paragraph writing
8. Editorial letter
9. Comprehension

## POST MIDTERM SYLLABUS

### LITERATURE:

1. The Interview
2. Poets and Pancakes
3. Going Places
4. A Roadside Stand (Poem)
5. On The Face of It
6. Memories of childhood
  - \* We Too Are Humans
  - \* The cutting of My Long Hair

### WRITING SKILLS – as done in the MID Term

Syllabus is subject to change as per the declaration  
of the CBSE Board

## BENGALI

### MIDTERM SYLLABUS

#### সাহিত্য

##### গদ্য

- ১। কে বাঁচায় কে বাঁচে
- ২। ভারতবর্ষ

##### পদ্য

- ১। রূপনারানের কূলে
- ২। আমি দেখি

#### নাটক - নানা রঙের দিন

#### ভাষা

- ১। ধ্বনিতত্ত্ব - অপিনিহিতি, অভিপ্রতি, স্বরসঙ্গতি, স্বরভক্তি

সহায়ক - আমার বাংলা, গারো পাহাড়ের নিচে, ছাতির বদলে হাতি

#### নির্মিত -

- ১। বিজ্ঞপ্তি রচনা (৩টি বাক্যে)
- ২। বোধ পরীক্ষণ

## POST MIDTERM SYLLABUS

সাহিত্য

গদ্য

১। ভাত

পদ্য

১। ক্রন্দনরতা জননীর পাশে

২। পড়তে জানে এমন এক মজুরের প্রশ্ন

সহায়ক

১। মেঘের গায়ে জেলখানা

২। পাতাল পুরীর রাজ্যে

নিমিতি

১। বোধ পরীক্ষা

২। বিজ্ঞাপন

## HINDI

### MIDTERM SYLLABUS

साहित्य (आरोह)

1. आत्म परिचय
2. पतंग
3. कविता के बहाने, बात सीधी थी पर
4. कमरे में बंद अपाहिज
5. भक्तिन
6. काले मेघा पानी दे
7. बाजार दर्शन
8. पहलवान की ढोलक

वितान

1. सिल्वर वेडिंग
2. अतीत में दबे पांव

अभिव्यक्ति और माध्यम

1. कैसे बनती कविता

2. नाटक लिखने का व्याकरण
3. कैसे लिखें कहानी
4. कैसे बनता है रेडियो नाटक
5. अपठित गद्यांश और काव्यांश
6. निबंध लेखन

## POST MIDTERM SYLLABUS

### साहित्य (आरोह)

1. पहलवान की ढोलक
2. शिरीष के फूल
3. रूबाइयाँ, गज़ल
4. पतंग
5. छोटा मेरा खेत, बगुलों के पंख
6. नमक

### वितान

1. जूझ
2. डायरी के प्रश्न

### अभिव्यक्ति और माध्यम

1. डायरी लेखन
2. जनसंचार माध्यम
3. कथा पटकथा
4. कैसे लिखें कहानी
5. निबंध लेखन
6. अपठित गद्यांश और काव्यांश

## BIOLOGY

### MIDTERM SYLLABUS

#### UNIT VI

Chapter 2: Sexual reproduction in flowering plants

Chapter 3: Human Reproduction

Chapter 4: Reproductive health

## **UNIT VII**

Chapter 5: Principles of inheritance and Variation

Chapter 6: Molecular basis of inheritance

Chapter 7: Evolution

Chapter 8: Human Health and Diseases

Chapter 10: Microbes in human welfare

### **POST MIDTERM SYLLABUS**

**UNIT -IX** Biotechnology and its application

Chapter 11: Biotechnology – Principles and processes

Chapter 12: Biotechnology and its application

**UNIT -X** Ecology & Environment

Chapter 13: Organism and population

Chapter 14: Ecosystem

Chapter 15: Biodiversity and its conservation

## **CHEMISTRY**

### **MIDTERM SYLLABUS**

1. Solution
2. Haloalkanes and Haloarenes
3. Alcohol Phenol Ethers
4. Electrochemistry
5. Chemical Kinetics
6. Aldehydes and Ketones
7. Carboxylic Acids

### **POST MIDTERM SYLLABUS**

1. Co-ordination Compounds
2. D and f block elements
3. Compounds containing Nitrogen
4. Biomolecules.

## **PHYSICS**

### **MIDTERM SYLLABUS**

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

### **POST MIDTERM SYLLABUS**

- CHAP 9** – Ray Optics and Optical Instrument  
**CHAP 10** – Wave Optics  
**CHAP 11** – Dual Nature of Matter and Radiation  
**CHAP 12** – Atoms  
**CHAP 13** – Nuclei  
**CHAP 14** – Semiconductor Electronics

## **MATHEMATICS**

### **MIDTERM SYLLABUS**

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 MIDTERM SYLLABUS**

1. Differential Equations
2. Vectors

3. 3-D Geometry
  4. Probability
  5. Linear Programming
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## ECONOMICS

### MIDTERM SYLLABUS

**Part A:**

1. National Income and related aggregates
2. Money and Banking

**Part B:**

1. Development experience and economic reforms
2. Current challenges facing Indian economy.

### POST MIDTERM SYLLABUS

**Part A:**

1. Determination of income and employment
2. Government budget and economy
3. Balance of payments

**Part B:**

1. Development experience of India - a comparison with neighbours
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## COMPUTER SCIENCE

### MIDTERM SYLLABUS

**Unit 1:** Computational Thinking and Programming - 2

**Unit 3:** Database Management

### POST MIDTERM SYLLABUS

**Unit 2:** Computer Networks; **Unit 1, Unit 3 (Revision)**

**PRACTICAL**

1. Python program
2. SQL queries
3. Report file:
  - Minimum 15 Python programs.
  - SQL Queries - Minimum 5 sets using one table / two tables.



- Minimum 4 programs based on Python
  - SQL connectivity
  - 4. Project (using concepts learnt in Classes 11 and 12)
  - 5. Viva voce
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## **PHYSICAL EDUCATION**

### **MIDTERM SYLLABUS**

1. Management of sports event.
2. Children & Women in sports.
3. Yoga as Preventive Measure for Lifestyle Disease.
4. Physical Education and sports for CWSN
5. Sports and Nutrition.
6. Test and Measurement in sports.
7. Practical

### **POST MIDTERM SYLLABUS**

1. Physiology and Injuries in sports.
  2. Biomechanics and sports.
  3. Psychology and sports.
  4. Training in sports.
  5. Practical
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## **PSYCHOLOGY**

### **MIDTERM SYLLABUS**

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

### **POST MIDTERM SYLLABUS**

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
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