

ST. GEORGE'S COLLEGE
FIRST TERM EXAMINATION (2026-27)
SYLLABUS FOR CLASS-X SCIENCE

ENGLISH LANGUAGE:

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|----------------------|------------------|
| 1. Composition | 3. Comprehension |
| 2. Letter Writing | 4. Grammar |
| 3. Notice and E-mail | |

ENGLISH LITERATURE:

POEM: TREASURE CHEST:

1. The Glove and the Lions by High Hunt
2. When Great Trees Fall by Maya Angelou

PROSE: TREASURE CHEST 'SHORT STORIES'

1. With the Photographer by Stephen Leacock
2. The Elevator by William Sleator

DRAMA : JULIUS CAESAR

- Act III (All Scenes)

HINDI LANGUAGE:

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|------------------------|--------------------------------|--------------------|
| 1. अपठित गद्यांश | 7. शुद्ध-अशुद्ध | 13. तत्सम-तद्भव |
| 2. विलोम शब्द | 8. पत्र | 14. अनेकार्थी शब्द |
| 3. पर्यायवाची शब्द | 9. निबन्ध | 15. उपसर्ग |
| 4. मुहावरे-लोकोक्तियाँ | 10. विशेषण | 16. प्रत्यय |
| 5. वाक्य संरचना | 11. भाववाचक संज्ञा | |
| 6. वाच्य परिवर्तन | 12. अनेक शब्दों के लिए एक शब्द | |

HINDI LITERATURE:

गद्य भाग:

- | | | |
|--------------------|----------|-----------------------|
| 1. बड़े घर की बेटी | 2. संदेह | 3. भीड़ में खोया आदमी |
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पद्य भाग:

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|--------------|---------------|------------|
| 1. सूर के पद | 2. विनय के पद | 3. भिक्षुक |
|--------------|---------------|------------|

MATHEMATICS:

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|-------------------------|------------------------------|
| 1. Banking | 7. Matrices |
| 2. Shares and Dividends | 8. Reflection |
| 3. Linear Inequations | 9. Coordinate Geometry |
| 4. Quadratic Equation | 10. Three Dimensional Solids |
| 5. Ratio and Proportion | 11. Trigonometric Identities |
| 6. Factor Theorem | 12. Heights and Distances |

SCIENCE:

PHYSICS:

- | | |
|--------------------------------------|------------------------------|
| 1. Force | 5. Refraction Through Lenses |
| 2. Work, Power, Energy | 6. Spectrum |
| 3. Machine | 7. Calorimetry |
| 4. Refraction Through Plane Surfaces | |

CHEMISTRY:

1. Chapter 1 : Periodic Table, Periodic Properties and Variations of Properties
2. Chapter 2 : Chemical Bonding
3. Chapter 3 : Acids, Bases and Salts
4. Chapter 4 : Analytical Chemistry
5. Chapter 5 : Mole Concept and Stoichiometry
6. Chapter 6 : Electrolysis

BIOLOGY :

1. Chapter 1 : Structure of Chromosomes
2. Chapter 2 : Cell Cycle & Cell Division
3. Chapter 3 : Genetics – Some Basic Concepts/Fundamental
4. Chapter 4 : Absorption by Roots
5. Chapter 5 : Transpiration
6. Chapter 6 : Photosynthesis
7. Chapter 7 : Chemical Coordination in Plants
8. Chapter 8 : The Circulatory System
9. Chapter 14 : Human Evolution
10. Chapter 15 : Population
11. Chapter 16 : Pollution

HISTORY/CIVICS:

HISTORY:

1. The First War of Independence 1857
2. The Factors Leading to the Growth of Nationalism and Foundation of the Indian National Congress

THE CONTEMPORARY WORLD:

1. The First World War (1914 – 1918)
2. Rise of Dictatorships: Fascism in Italy and Nazism in Germany

CIVICS:

1. The Union Parliament
2. The Union Executive: The President & The Vice President
3. The Union Executive: The Prime Minister, The Union Cabinet and the Council of Ministers

GEOGRAPHY:

1. Chapter 6 : Climate
 2. Chapter 7 : Soil Resources
 3. Chapter 8 : Natural Vegetation
 4. Chapter 9 : Water Resources
 5. Chapter 19 : Transport
- * **Interpretation of Topographical Maps:** Grid Reference, Scale and Distances, Settlements, Direction, Drainage, Colour Interpretation
- * **Map of India:** Rivers, Waterbodies, Direction of Winds, Soil Distribution, Cities, Plains, Plateaus, Deserts.

ROBOTICS & AI:

Part 1: Robotics:

1. Chapter 1 : Revision of Robotics
2. Chapter 2 : New Age Robotic Systems

Part 2: Artificial Intelligence

1. Chapter 7 : Revision of Artificial Intelligence (AI)
2. Chapter 8 : Decision Making in Machines/Computers
3. Chapter 9 : Machine Intelligence
4. Chapter 12 : Revision of Python
5. Chapter 13 : Modules and Packages in Python

COMPUTER APPLICATION:

1. Chapter 1 : Revision of Class IX Syllabus
2. Chapter 2 : Class as Basis of All Computation
3. Chapter 3 : User – Defined Methods
4. Chapter 8 : String Handling