

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

ENGLISH LANGUAGE:

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|---------------------|--------------------------|
| 1. Composition | 6. Rewrite the Sentences |
| 2. Article Writing | 7. Phrasal Verbs |
| 3. Blog Writing | 8. Verbs |
| 4. Book Review | 9. Comprehension |
| 5. Proposal Writing | |

ENGLISH LITERATURE:
SHORT STORIES (PRISM):

1. The Living God
2. Advice to Youth

POETRY (RHAPSODY):

1. Abhisara
2. Why I Like the Hospital

MACBETH:

- Act I, Scene 1 to 5

HINDI LANGUAGE:

1. निबन्ध
2. अपठित गद्यांश
3. मुहावरे
4. लोकोक्तियाँ
5. वाक्य-संशोधन (शुद्ध / अशुद्ध वाक्य)

HINDI LITERATURE:
गद्य भाग (गद्य संकलन):

1. पुत्र-प्रेम
2. गौरी

पद्य भाग (काव्य-मंजरी):

1. साखी
2. बाल-लीला

उपन्यास:

- आषाढ़ का एक दिन (प्रथम अंक)

MATHEMATICS:

- | | |
|---------------------------------|---|
| 1. Sets | 7. Basic Concepts and Their Coordinates |
| 2. Relations and Functions | 8. The Straight line |
| 3. Trigonometric Functions | 9. Limits |
| 4. Compound and Multiple Angles | 10. Binomial Theorem |
| 5. Complex Numbers | 11. Inequalities |
| 6. Quadratic Equations | |

PHYSICS:

1. Units and Measurement
2. Motion in a Straight Line
3. Motion in a Plane
4. Laws of Motion, Friction and Dynamics of Circular Motion
5. Work, Energy and Power
6. Motion of System of Particles and Rigid Body
7. Gravitation

CHEMISTRY:

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. Redox Reaction
6. Organic Chemistry (Basic Principles)

BIOLOGY:

Unit-1:

1. The Living World
2. Biological Classification
3. Plant Kingdom
4. Animal Kingdom

Unit-3:

5. Cell: Unit of Life
6. Biomolecules
7. Cell Division Cell Cycle

Unit-5:

8. Breathing & Exchange of Gases
9. Body Fluids & Circulation

BIOTECHNOLOGY:

1. Chapter 1 : Historical Background of Biotechnology
2. Chapter 2 : Scope and Importance of biotechnology
3. Chapter 3 : Basic Concepts of Biochemical Technology
4. Chapter 4 : Cell: Basic Unit of Life
5. Chapter 5 : Cell Division and Cell Cycle
6. Chapter 6 : Laws of inheritance

ARTIFICIAL INTELLIGENCE:

Unit-1: Basic Concepts of Artificial Intelligence

1. Chapter 1 : Artificial Intelligence
2. Chapter 2 : Applications and Benefits of AI
3. Chapter 3 : Role of Data and Information
4. Chapter 4 : Evolution of Computing
5. Chapter 5 : Decision Making
6. Chapter 7 : Familiarisation with Python
7. Chapter 8 : Introduction to Data Type and Variables
8. Chapter 9 : Introduction to Operators
9. Chapter 10 : Conditional Statements and Control Statements

COMPUTER SCIENCE:

1. Chapter 1 : Data Representation/ Number System
2. Chapter 3 : General OOPs Concepts
3. Chapter 4 : Introducing Java
4. Chapter 5 : Java Fundamentals
5. Chapter 6 : Flow of Control/ Number Related Programs
6. Chapter 7 : Classes in Java
7. Chapter 8 : String Related Programs