



S. L. BAJORIA FOUNDATION HIGH SCHOOL
SYLLABUS 2024 – 2025
CLASS – XI (SCIENCE)

ENGLISH LANGUAGE

MID TERM

Composition

1. Descriptive Essay
2. 1st Person Narrative Essay
3. Argumentative Essay
4. One Word Composition
5. Short Story
6. Directed Writing: i) Newspaper Report/ Magazine Report, ii) Film Review, iii) Book Review, iv) Review of a Cultural Programme, v) Article Writing
7. Proposal Writing

Functional Grammar

1. Do as Directed
2. Phrasal Verbs/ Prepositions
3. Proper Forms of Verbs

Unseen Comprehension

FINAL TERM

1. **Composition**
2. Reflective Essay
3. Directed Writing: i) Speech Writing, ii) Personal Profile, iii) Statement of Purpose

Functional Grammar

Same as Mid-Term.

Unseen Comprehension

Mid Term Syllabus is also included

ENGLISH LITERATURE

MID TERM

Short Story

1. A Living God
2. Advice to Youth
3. The Paper Menagerie

Poetry

1. Abhisara – The Tryst
2. Why I Like The Hospital
3. Sonnet 116

Drama

Macbeth – Act 1

FINAL TERM

Short Story

1. The Great Automatic Grammatizator
2. Thank You Ma'am

Poetry

1. Death Of A Naturalist
2. Strange Meeting

Drama

Macbeth – Act 2

Mid Term Syllabus is also included

MATHEMATICS

MID TERM:

SECTION: A

1. Trigonometry
2. Complex Numbers
3. Quadratic Equation
4. Equation of Straight Line
5. Circle
6. Set
7. Relation & Mapping
8. Limit & Derivatives
9. Linear Inequalities

SECTION: B

1. Conic Sections

Or

SECTION: C

1. Correlation Coefficients

FINAL TERM:

Chapters

SECTION: A

1. Mathematical Induction
2. Binomial Theorem
3. Statistics
4. Sequence & Series
5. Permutation & Combinations
6. Probability

SECTION: B

1. Mathematical Reasoning
2. Introduction to 3D Geometry

Or

SECTION: C

1. Statistics
2. Index Number & Moving Average

Mid Term Syllabus is also included

PHYSICS**MID TERM:**

1. Physical World and Measurement
2. Kinematics
3. Laws of Motion

FINAL TERM:

1. Physical World and Measurement
2. Kinematics
3. Laws of Motion
4. Work , Power and Energy
5. Motion of System of Particles and Rigid Body
6. Gravitation
7. Properties of Matter
8. Heat and Thermodynamics
9. Behaviour of Perfect Gas and Kinetic Theory of Gas
10. Oscillations and Waves

COMPUTER SCIENCE**MID TERM:**

1. Number System
2. Boolean Logic
3. Propositional Logic
4. Encoding
5. Loops and Nested Loops
6. Methods And Constructors
7. Arrays(1D & 2D)
8. String Handling

FINAL TERM:

1. Number System
2. Boolean Logic
3. Propositional Logic
4. Encoding

5. Loops and Nested Loops
6. Methods And Constructors
7. Arrays(1D & 2D)
8. String Handling
9. Recursion
10. Data File Handling
11. Computing and Ethics
12. Algorithms

BENGALI

MID TERM:

Koni:

1. Ch 1 - 5

Prabondho:

1. Jorasakor Dhare
2. Tasher Ghor
3. Thakurda

Kobita:

1. Pub-Poschim
2. Banolata Sen
3. Ora Kaj Kore

Grammar:

1. Somoccharito Sabdo
2. Bakyo Poriborton
3. Samarthak Sabdo
4. Rachona
5. Bodh Porikkhon
6. Bagdhara
7. Sadhu-cholit
1. Ek Kathay Prokash
8. Uposargo

FINAL TERM:

Koni:

Ch – 1 – 10

Prabondho

1. Anachar
2. Birjosulka
3. Record

Kobita:

1. Baborer Prarthona
2. Barnoporichay

3. Salemoner Maa
4. Jodi Nirbason Dao

Grammar:

1. Bakyo Poriborton
2. Ukta Poriborton
3. Ched o Jyoti Chinho
4. Suddho Banan
5. Full syllabus

BIOLOGY

MID TERM:

1. Cell Cycle and Cell Division
2. Photosynthesis
3. Respiration in Plants
4. Breathing and Exchange of Gases
5. Body Fluid and Circulation
6. Excretory Product and Their Elimination
7. The Living World
8. Biological Classification
9. Locomotion and Movement
10. Neural Control and Coordination
11. Morphology of Flowering Plants

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9. Locomotion and Movement
10. Neural Control and Coordination
11. Morphology of Flowering Plants
12. Chemical Coordination
13. Plant Kingdom
14. Animal Kingdom
15. Biomolecules
16. Cell
17. Anatomy of Flowering Plants
18. Anatomy of Frog
19. Plant Growth and Development

CHEMISTRY

MID TERM:

1. Some Basic Concepts Of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity.
4. Chemical Bonding and Structure.
5. Redox Reaction
6. Introduction to Organic Chemistry.

FINAL TERM:

1. Chemical Thermodynamics
2. Equilibrium
3. Hydrocarbons

Mid Term Syllabus is also included

ECONOMICS

MID TERM:

1. Definition of Economics
2. Basic Concept of Economics
3. Basic Problems of An Economy
4. Types of Economies
5. Solution to The Basic Economic Problem Under Different Economic Systems
6. Economic Growth and Development
7. Parameters or Indicators of Development
8. Sustainable Development
9. Planning and Economic Development in India
10. Employment and Unemployment in India Problems and Policies
11. Definition ,Scope, Importance and Limitations of Statistics
12. Collection ,Organisation and Presentation of Data
13. Measures of Central Value

FINAL TERM:

1. **Mid-Term Syllabus**
2. Structural Changes in The Indian Economy After Liberalization
3. The Problem of Poverty in India
4. Profile of Indian Agriculture and Rural Development
5. Human Capital Formation in India
6. Measures of Dispersion
7. Correlation
8. Index Number
9. Some Mathematical Tools Used in Economics

GEOGRAPHY

Mid Term:

1. Principles of Physical Geography
2. Atmosphere
3. The Realms of Water

Map: Physical Map of the World

Final Term:

1. Principles of Physical Geography
2. Atmosphere
3. The Realms of Water
4. Biosphere – Life on The Earth
5. World Climatic Types
6. Man – Environment Interaction

Map: Physical Map of the World