



S. L. BAJORIA FOUNDATION HIGH SCHOOL

SYLLABUS 2024 – 2025

CLASS – X

ENGLISH LANGUAGE

PRE SELECTION EXAMINATION:

COMPOSITION

1. Descriptive Essay
2. 1st Person Narrative Essay
3. Argumentative Essay
4. Short Story
5. Picture Composition
6. Friendly Letter
7. Formal Letter
8. Notice-Email

FUNCTIONAL GRAMMAR

1. Proper Forms of Verbs
2. Prepositions
3. Joining Without 'And', 'But', 'So'
4. Do as Directed

Unseen Comprehension

SELECTION EXAMINATION:

SAME AS PRE-SELECTION SYLLABUS

ENGLISH LITERATURE

PRE SELECTION EXAMINATION

SHORT STORY

1. With the Photographer
2. The Elevator
3. The Girl Who Can

POETRY

1. Haunted Houses
2. The Glove and the Lions
3. A Considerable Speck

DRAMA

Julius Caesar – Act 3 (Scenes 1, 2, 3); Act 4 (Scenes 1, 2)

SELECTION EXAMINATION

SHORT STORY

1. The Pedestrian
2. The Last Leaf

POETRY

1. When Great Trees Fall
2. The Power of Music

DRAMA

Julius Caesar – Act 4 (Scene 3); Act 5 (Scenes 1, 2, 3, 4, 5)

ENTIRE COUNCIL SYLLABUS IS INCLUDED

MATHEMATICS

PRE SELECTION EXAMINATION

Chapters

1. GST
2. Banking
3. Matrices
4. Factorisation
5. Linear Inequation
6. Probability
7. Measure Of Central Tendency
8. Similarities
9. A.P & G.P
10. Quadratic Equation
11. Section Formula
12. Equation of Straight Line
13. Trigonometric Identities
14. Circle

SELECTION EXAMINATION:

Chapters

1. Reflection
2. Ratio Proportion
3. Share & Dividend
4. Height & Distance
5. Mensuration
6. Loci
7. Construction
8. **PRE-SELECTION EXAM SYLLABUS.**

PHYSICS

PRE SELECTION EXAMINATION

1. Force
2. Work Energy and Power
3. Machines
4. Refraction of Light at Plane Surfaces
5. Refraction Through Lens
6. Spectrum

SELECTION EXAMINATION:

1. Force
2. Work Energy and Power
3. Machines
4. Refraction of Light at Plane Surfaces
5. Refraction Through Lens

6. Spectrum
7. Sound
8. Current Electricity
9. Household Circuits
10. Electromagnetism
11. Radioactivity

COMPUTER APPLICATIONS

PRE SELECTION EXAMINATION

1. Revision of Class IX Syllabus
2. Arrays [1D, 2D]
3. String Handling
4. User Defined Methods
5. Library Classes
6. Encapsulation And Inheritance

SELECTION EXAMINATION:

1. Revision of Class IX syllabus
2. Arrays [1D, 2D]
3. String Handling
4. User Defined Methods
5. Library Classes
6. Encapsulation And Inheritance
7. Class as the basic of all computations
8. Constructors

BENGALI

PRE SELECTION EXAMINATION

LANGUAGE:

1. Full Syllabus

LITERATURE:

PROSE:

1. Nil Manusher Kahini
2. Gandhota Khub Sandehojanok
3. Canvasar
4. Naam
5. Lokti
6. Debotar Janmo

POETRY:

1. Fhul Futuk Na Futuk
2. Amolkanti
3. Abar Asibo Fire
4. Kho Kho
5. Rabindranather Proti
6. Babu Bolen

SELECTION EXAMINATION:

LANGUAGE:

Full Syllabus

LITERATURE:

PROSE:

Sankalita (Story)

1. Ginni
2. Lalu
3. Bama
4. Canvasar
5. Naam
6. Asahojogi
7. Debotar Janmo
8. Nil Manusher Kahini
9. Gandhota Khub Sandehojanok
10. Lokti

POETRY:

Sankalita (Poem)

1. Bangabhumir Proti
2. Sabhyotar Proti
3. Kuli Mojur
4. Abar Asibo Fire
5. Sinri
6. Rabindranath er Proti
7. Ful Futuk Na Futuk
8. Amolkanti
9. Babu Bolen
10. Kho Kho

HISTORY

PRE SELECTION EXAMINATION

1. The Union Parliament
2. The President and Vice-President
3. The First War of Independence
4. Growth of Nationalism
5. First Phase of Indian National Movement
6. Causes for the Partition of Bengal
7. Mahatma Gandhi and National Movement
8. Quit India Movement
9. Forward Bloc and INA
10. First World War
11. Rise of Dictatorship
12. Second World War

SELECTION EXAMINATION

1. The Union Parliament
2. The President and Vice-President
3. Prime Minister and Council of Minister
4. Supreme Court
5. High Court and Subordinate Courts
6. The First War of Independence
7. Growth of Nationalism
8. First Phase of Indian National Movement
9. Second Phase of Indian National Movement
10. The Muslim League
11. Mahatma Gandhi and National Movement
12. Quit India Movement
13. Forward Bloc and INA
14. Independence and Partition of India
15. First World War
16. Rise of Dictatorship
17. Second World War
18. United Nations
19. Major Agencies of UNO.
20. Non-Aligned Movement.

GEOGRAPHY

PRE SELECTION EXAMINATION

1. Map Of India
2. Interpretation Of Topographical Maps
3. Climate
4. Soil Formation
5. Natural Vegetation
6. Water Resources
7. Mineral Resources
8. Conventional and Non Conventional Sources Of Energy

SELECTION EXAMINATION

1. Map Of India
2. Interpretation Of Topographical Maps
3. Climate
4. Soil Formation
5. Natural Vegetation
6. Water Resources
7. Mineral Resources
8. Conventional and Non Conventional Sources Of Energy
9. Agriculture (I, II, III, IV)
10. Industries (Mineral Based And Agro Based)
11. Transport
12. Waste Management (I, II)

BIOLOGY

PRE SELECTION EXAMINATION

1. The Excretory System
2. The Endocrine Gland
3. The Circulatory System
4. Population
5. Pollution
6. Transpiration
7. Photosynthesis
8. Chemical Coordination in Plants
9. The Nervous System
10. Human Evolution

SELECTION EXAMINATION:

1. Sense Organs
2. Structure of Chromosomes
3. Genetics
4. Absorption by Roots
5. The Reproductive System
6. Transpiration
7. Photosynthesis
8. Chemical Coordination
9. The Endocrine Gland
10. The Excretory System
11. The Circulatory System
12. The Nervous System
13. Pollution
14. Population
15. Human Evolution

CHEMISTRY

PRE SELECTION EXAMINATION

1. Periodic Table, Properties and Variations of Properties.
2. Chemical Bonding
3. Acids, Bases and Salts
4. Analytical Chemistry
5. Mole Concepts and Stoichiometry
6. Electrolysis
7. Organic Chemistry (up to alkenes)
8. Metallurgy

SELECTION EXAMINATION

1. Organic Chemistry (full)
2. Study of Compounds-HCl, NH₃, HNO₃, H₂SO₄.
3. **PRE-SELECTION SYLLABUS.**

ENVIRONMENTAL APPLICATIONS

PRE SELECTION EXAMINATION

1. Caring for Our Soil
2. Fuel Wood Crisis
3. Waste Generation and Treatment
4. Caring For Our Air
5. Legislation As a Measure to Reduce Air Pollution

SELECTION EXAMINATION

1. Caring For Our Water
2. Resource Use
3. Evolving Sustainable Paradigm
4. Eco Friendly Technologies
5. Initiative I Can Take
6. Caring For Our Soil
7. Fuel Wood Crisis
8. Waste Generation and Treatment
9. Caring For Our Air
10. Legislation As a Measure To Reduce Air Pollution