

# CENTRAL MODERN SCHOOL, Baranagar

Syllabus for Unit Test & First Terminal Examination of Session : 2025 – 2026

## CLASS – XI A & B (Science)

Subject	Unit Test (15)	First Terminal Examination (80)
# English – I [20 + 80]	1. Rewriting of Sentences. 2. Proposal Writing. [5 marks for the maintenance of Ex-books]	As per ISC format
# Literature in English [20 + 80]	1. Macbeth – Act I Scene – 1 2. Prism – (A Collection of ISC Short Stories) i) Advice to Youth 3. Rhapsody – (A Collection of ISC Poems) i) Abhisara – the Tryst [5 marks for the maintenance of Ex-books]	1. Macbeth – Act I 2. Prism – ( A Collection of ISC Short Stories) i) A Living God ii) Advice to Youth 3. Rhapsody – ( A Collection of ISC Poems) i) Abhisara – the Tryst ii) Why I Like the Hospital
# Modern English [20 + 80]	<input type="checkbox"/> Pygmalion: Act I (till 'The Bystander: ....Catch you taking liberties with a gentleman') <input type="checkbox"/> Perspectives: A Collection of ISC Short Stories o Lawley Road – R.K. Narayan <input type="checkbox"/> Reflections: : A Collection of ISC Poems o Father Returning Home – Dilip Chitre [5 marks for the maintenance of Ex-books]	<input type="checkbox"/> Pygmalion: Act I <input type="checkbox"/> Perspectives: A Collection of ISC Short Stories • Lawley Road – R.K. Narayan • The Landlady – Roald Dahl <input type="checkbox"/> Reflections: A Collection of ISC Poems • Father Returning Home – Dilip Chitre • Life Doesn't Frighten Me – Maya Angelou
# Bengali [20 + 80]	<u>Section - A</u> ব্যাকরণ : As per ISC format বাগধারা ও প্রবাদ প্রবচন <u>Section - B</u> প্রবন্ধ ও গদ্য সংকলন গদ্য – 1.জোড়াসাঁকোর ধারে (Chap - 2) কবিতা সংকলন : পদ্য -1. ওরা কাজ করে (Chap -1) [5 marks for the maintenance of Ex-books]	<u>Section - A</u> ব্যাকরণ : As per ISC format (40 Marks) <input type="checkbox"/> বানান সংশোধন , <input type="checkbox"/> বাক্য সংশোধন , <input type="checkbox"/> এক কথায় প্রকাশ , <input type="checkbox"/> বাগধারা , <input type="checkbox"/> বাক্য পরিবর্তন , <input type="checkbox"/> প্রবন্ধ রচনা, <input type="checkbox"/> বোধ পরীক্ষণ। <u>Section - B (40 Marks)</u> প্রবন্ধ ও গদ্য সংকলন : গদ্য - 1. ঠাকুরদা (Chap - 1) 2. জোড়াসাঁকোর ধারে (Chap - 2), 3. তাসের ঘর (Chap- 3) কবিতা সংকলন : 1. ওরা কাজ করে (Chap -1) 2. পূর্ব-পশ্চিম (Chap - 2) 3. বনলতা সেন (Chap - 3) কোনি : Chap – 1, 2, 3.
# Hindi [20 + 80]	<u>SECTION-A</u> व्याकरण - वाक्य शुद्ध-अशुद्ध, मुहावरे <u>SECTION-B</u> गद्य संकलन - पाठ-1 पुत्र प्रेम काव्य मंजरी पाठ - 1 साखी [5 marks for the maintenance of Ex-books]	<u>SECTION-A</u> (व्याकरण- 40 Marks) As per ISC syllabus <u>SECTION-B</u> (गद्य + पद्य + सारा आकाश 40 Marks) गद्य संकलन - पाठ-1 पुत्र प्रेम, पाठ-2 गौरी , पाठ -3 शरणागत काव्य मंजरी- पाठ -1 साखी, पाठ – 2 बाललीला, पाठ- 3 एक फूल की चाह सारा आकाश- पूर्वार्द्ध: साँझ (पाठ-1 से 5 तक)

# Mathematics [20 + 80]	Chapter 3 : Trigonometry Chapter 5 : Quadratic Equations [5 marks for the maintenance of Ex-books]	Chapter 1: Sets Chapter 3: Trigonometry Chapter 4: Complex Numbers Chapter 5: Quadratic Equations Chapter 10: Straight Lines Chapter 12: Conic Sections Chapter 14: Limits and Derivatives Chapter 15: Statistics
# Applied Mathematics [20 + 80]	Chapter 3 : Trigonometry ( Trigonometric Functions) Chapter 6: Quadratic Equations [5 marks for the maintenance of Ex-books]	Chapter 1: Sets Chapter 3: Trigonometry (Trigonometric Functions) Chapter 5: Complex Numbers Chapter 6: Quadratic Equations Chapter 11: Straight Lines Chapter 13: Limits and Derivatives Chapter 14: Statistics Chapter 17: Compound Interest and Annuity
# Physics [20 + 70 + 10]	Chapter 1 : Physical World and Measurement Chapter 2 : Kinematics [5 marks for the maintenance of Ex-books]	<b>Written: 70 marks</b> Chapter 2 : Kinematics Chapter 3 : Laws of Motion Chapter 4 : Work, Power and Energy Chapter 5 : Motion of System of Particles and Rigid Body Chapter 6 : Gravitation Chapter 7 : Properties of Bulk Matter - Mechanical Properties of Solids <b>Practical: 10 marks</b> (As done in Class)
# Chemistry [20 + 70 + 10]	Ch 1 Some Basic Concepts of Chemistry [5 marks for the maintenance of Ex-books]	<b>Written: 70 marks</b> Ch 1 Some Basic Concepts of Chemistry Ch 2 Structure of Atom Ch 3 Classification of Elements and Periodicity in Properties Ch 4 Chemical Bonding and Molecular Structure Ch 7 Redox Reactions <b>Practical: 10 marks</b> (As done in Class)
# Biology [20 + 70 + 10]	Biological Classification (Monera and Virus) [5 marks for the maintenance of Ex-books]	<b>Written: 70 marks</b> Biological Classification (Protista, Fungi), Photosynthesis, Respiration in Plants, Plant growth and development, Plant kingdom, Animal kingdom, Morphology of Flowering Plants. <b>Practical: 10 marks</b> (As done in Class)
# Comp. Sc. [20 + 70 + 10]	Numbers [5 marks for the maintenance of Ex-books]	<b>Written: 70 marks</b> 1. Numbers 2. Propositional Logic 3. Logic Gates 4. Concept of Data Types 5. Decision Making Statements 6. Recursion 7. Methods (Functions) 8. Class and Constructors 9. Character Handling and String Manipulations <b>Practical: 10 marks</b> 1. String Manipulation 2. Arrays (Double Dimentional)

# Artificial Intelligence [20 + 80]	Ch-1 Basic concepts of Artificial Intelligence [5 marks for the maintenance of Ex-books]	<b>Written: 70 marks</b> Ch-2 Introduction and state of art of AI , natural language processing and potential use of AI Ch-3 Mathematics for AI Ch-4 Data visualization <b>Practical: 10 marks</b> Ch-4 Data visualization.
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Date : 25.04.2025