

CENTRAL MODERN SCHOOL, Baranagar

Syllabus for First Unit Test & First Terminal Examination of Session : 2024 – 2025

CLASS – X

Subject	First Unit Test (20)	First Terminal Examination (80)
Group – I (Compulsory)		
# English – I [20+80]	1. Tense ; 2. Preposition ; 3. Rewriting of Sentences. Unseen – Notice Writing	As per ICSE format
# English – II [20+80]	1. Julius Caesar – Act- III – Scene - 1 2. Treasure Chest - A Collection of ICSE Poems and Short Stories <i>Poems</i> : Haunted Houses <i>Short Stories</i> : With the Photographer	1. Julius Caesar - Act III, Act IV- Scene – 1 2. Treasure Chest – A Collection of ICSE Poems and Short Stories <i>Poems</i> - 1. Haunted Houses 2. The Glove and the Lions 3. When Great Trees Fall <i>Short Stories</i> – 1. With the Photographer 2. The Elevator 3. The Girl Who Can
# 2 nd Language [20+80] • Bengali	Section: A Grammar : 1) বাগধারা ও প্রবাদ প্রবচন (Chap - 26)	Section – A প্রবন্ধ রচনা, বোধ পরীক্ষণ, পত্র রচনা
OR	Section: B সংকলিতা (Sankalita) 1) দেবতার জন্ম (Chap - 7) গদ্য 2) ফুল ফুটুক না ফুটুক (Chap - 7) পদ্য	Grammar – 1) বাক্য নির্মাণের শ্রেণিবিভাগ (Chap - 13) 2) এক কথায় প্রকাশ (Chap - 21) 3) বাগধারা ও প্রবাদ প্রবচন (Chapter - 26) 4) বানান-সংক্রান্ত নিয়মাবলি ও বাক্য গঠনে সাধারণ ভুল (Chap - 17) 5) পদান্তর (Chap - 18)
• Hindi	Section A (ব্যাকরণ 10 marks) Section B (গদ্য + পদ্য 10 marks) সাহিত্য সাগর গদ্য - পাঠ - 8 भीड़ में खोया आदमी पद्य - पाठ - 7 विनय के पद व्याकरण - भाववाचक संज्ञा, विशेषण, लिंग, वचन	Section – B I.C.S.E Sonkolita 1) नील মানুষের কাহিনী (Chap - 8) গদ্য 2) দেবতার জন্ম (Chap - 7) গদ্য 1) अमलकान्ति (Chap - 8) পদ্য 2) বাবু বলেন (Chap - 9) পদ্য 3) ফুল ফুটুক না ফুটুক (Chap - 7) পদ্য
# HCG [20+80] • HCG – I [History & Civics]	Civics Chapter 1 - The Union Parliament History Chapter 1 - The First War of Independence (1857)	Civics Chapter 1- The Union Parliament Chapter 2- The Union Executive: the President and the Vice President Chapter 3- The Union Executive: The Prime Minister, The Union Cabinet and the Council of Ministers. History Chapter 1- The First War of Independence (1857)

<ul style="list-style-type: none"> • HCG – II [Geography] 	Chapter 3. Climate Chapter 4. Soil Resources	Chapter 2- Factors Leading to the Growth of Nationalism and Foundation of the Indian National Congress Chapter 3- Objectives and Methods of Struggle of the Early Nationalists. Chapter 9- Subhas Chandra Bose, Forward Bloc and the Indian National Army (INA) Chapter 10- The First World War (1914-1918) Chapter 16- The Non-aligned Movement <ul style="list-style-type: none"> • Chapter 1. Map Study: Interpretation Of Topographical Maps (Scales, Direction, Direct Distance, Four Figure Grid Reference, Representation of Relief, Conventional Symbols As Done In Class) • Chapter 3. Climate • Chapter 4. Soil Resources • Chapter 5. Natural Vegetation • Chapter 6. Water Resources • Chapter 7. Mineral and Energy Resources • Chapter 12. Transport • Map of India: Mountains, Peaks And Plateaus, Plains, Desert, Rivers, Water Bodies, Passes, Latitude And Longitudes
<p><u>Group – II (Any two)</u></p> <p># Mathematics [20+80]</p>	1. Quadratic Equations. 2. Banking. 3. Trigonometric Identities.	1. Quadratic Equations. ; 2. Banking. 3. Trigonometric Identities. 4. Shares and dividends. 5. Linear Inequations. ; 6. Factorisation. 7. Ratio & Proportion. ; 8. Matrices. 9. Section Formula. 10. Similarity. 11. Mensuration (17.1,17.2) 12. Measures of Central Tendency (Ex 21.1, 21.2, 21.3)
<p># Science</p> <ul style="list-style-type: none"> • Physics [20+80] • Chemistry [20+80] • Biology [20+80] 	1. Force 2. Work, Energy and Power Chapter 1. Periodic Properties & Variations of Properties-Physical & Chemical Chapter 2. Chemical Bonding Chapter 2: Structure of Chromosome, Cell Cycle and Cell Division Chapter 3: Genetics	1. Force ; 2. Work, Energy and Power 3. Machines 4. Refraction through plane surfaces 5. Refraction through lens ; 6. Spectrum Chapter 1. Periodic Properties & Variations Of Properties-Physical & Chemical Chapter 2. Chemical Bonding Chapter 3. Study Of Acids, Bases And Salts Chapter 5. Electrolysis Chapter 6. Metallurgy Chapter 2: Structure of Chromosome, Cell Cycle and Cell Division Chapter 3: Genetics Chapter 8: The Circulatory System Chapter 9: The Excretory System Chapter 10: The Nervous System Chapter 11: Sense Organs Chapter 12: The Endocrine System Chapter 14: Human Evolution

# Commercial Studies [20+80]	Chaps. 1, 2	Chaps. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
# Env. Science [20+80]	Chapter 1 : Controlling Air Pollution Chapter 2 : Addressing Population	Chapter 1 : Controlling Air Pollution Chapter 2 : Addressing Population Chapter 3 : Managing the Urban Environment Chapter 4 : Managing Soil and Land Chapter 5 : Food Chapter 6 : Biodiversity
<u>Group – III (Any one)</u>		
# Comp. Applications [Unit – 20 Practical – 80 1 st Term – 100]	# Iterative construct in Java # Library classes # Nested loop	# Elementary concept of objects and classes # Values and Data Types # Operators in Java # Input in Java # Conditional Statements in Java # Nested loop # Library classes # String Handling # User Defined Methods # Arrays (Single and double dimensional)
# Eco. Applications [Unit – 20 Assignment – 80 1 st Term – 100]	1. Demand: Law of Demand and Determinants of Demand. 2. Banking: Commercial Banks and Central Bank.	1. Demand: Law of Demand and Determinants of Demand. 2. Supply: Law of Supply and Determinants of Supply. 3. Elasticity of Demand and Supply. 4. Factors of Production: Land and Labour. 5. Factors of Production: Capital and Entrepreneur. 6. Money and Inflation. 7. Banking: Commercial Banks and Central Bank.
# Robotics and Artificial Intelligence [Unit – 20 Practical – 80 1 st Term – 100]	Ch-1 New Age Robotic Systems. Ch-2 From Robots to Cobots.	Ch-1 New Age Robotic Systems. Ch-2 From Robots to Cobots. Ch-3 Components of Robots as a System. Ch-4 Visualization, Design and Creation of Components. Ch-9 Introduction to data and Programming with Python
# Physical Education [Unit – 20 Practical – 80 1 st Term – 100]	Section - A Chapter 1 – Human Growth and Development. Chapter 2 – Physical Education. Section – B Basketball.	Section – A Chapter 1 – Human Growth and Development. Chapter 2 – Physical Education. Chapter 3 – Body Types Chapter 4 – Physical Fitness Chapter 5 – Sports Training Section – B Cricket ; Football ; Basketball ; Badminton.

Date : 07.05.2024