



CALCUTTA PUBLIC SCHOOL

CLASS: X

SYLLABUS: 2024-25
ENGLISH I

TERM 1	TERM 2
<p>Syllabus: Grammar as per ICSE Scope 2025, Letter Writing, Notice & Email Writing, Composition, Comprehension</p> <p>Unit Test 1 Grammar as per ICSE Scope 2025, Notice & Email Writing.</p> <p>Half Yearly Examination: Grammar as per ICSE Scope 2025, Composition, Letter Writing, Notice & Email Writing, Comprehension.</p> <p>Internal Assessment: Oral – 24th July to 29th July 2024 Aural – 30th July 2024</p>	<p>Selection Examination: As per ICSE Scope 2025.</p>



**SYLLABUS: 2024-25
ENGLISH II**

TERM 1	TERM 2
<p>Syllabus:</p> <p>Drama : Julius Caesar - William Shakespeare Act III [all the scenes], Act IV [all the scenes], Act V [Scenes 1-4/till lines to be covered as per teaching days available].</p> <p>Treasure Chest- A Collection of ICSE Poems: Unit 11. Haunted Houses, Unit 12. The Glove and the Lions, Unit 13. When Great Trees fall, Unit 14. A Considerable Speck.</p> <p>Treasure Chest - A Collection of ICSE Short Stories (Prose): Chapter 11. With the Photographer, Chapter 12. The Elevator, Chapter 13. The Girl Who Can, Chapter 14. The Pedestrian.</p> <p>Unit Test 1</p> <p>Drama (Julius Caesar) - Act IV, Scene I (entire scene), Scene II (entire scene), Scene III (till lines to be covered as per teaching days available).</p> <p>Treasure Chest- A Collection of ICSE Poems: Unit 11. Haunted Houses .</p> <p>Treasure Chest- A Collection of ICSE Short Stories (Prose): Chapter 11. With the Photographer.</p> <p>Half Yearly Examination: Treasure Trove -</p> <p>Drama :Julius Caesar – William Shakespeare Act III [all the scenes], Act IV [all the scenes], Act V [till lines to be covered as per teaching days available].</p> <p>Treasure Chest- A Collection of ICSE Poems: Unit 11. Haunted Houses, Unit 12. The Glove and the Lions, Unit 13. When Great Trees Fall, Unit 14. A Considerable Speck.</p> <p>Treasure Chest - A Collection of ICSE Short Stories (Prose): Chapter 11. With the Photographer, Chapter 12. The Elevator, Chapter 13. The Girl Who Can, Chapter 14. The Pedestrian .</p> <p>Internal Assessment: Project as per ICSE Scope 2025.</p> <p>Submission Date – 21.06.2024.</p>	<p>Syllabus:</p> <p>Drama: Julius Caesar- William Shakespeare Act V (Scene 5).</p> <p>Treasure Chest- A Collection of ICSE Poems: Unit 15. The Power of Music.</p> <p>Treasure Chest- A Collection of ICSE Short Stories (Prose): Chapter 15. The Last Lesson.</p> <p>Project Submission Date: Project as per ICSE Scope 2025. Project on Literature Submission Date –18.11.2024.</p> <p>Selection Examination: Syllabus as per ICSE Scope 2025</p>



SYLLABUS: 2024-25

Text Book : Understanding ICSE Mathematics for Class X -M L Aggarwal

Reference Book : ICSE Mathematics for Class X -Dasgupta & Banerjee

MATHEMATICS

TERM 1	TERM 2
<p>Unit Test 1</p> <ol style="list-style-type: none">1. Goods and Services Tax (GST) [Ex. 1]2. Quadratic Equations in One Variable [Ex.5.1- 5.5]3. Banking [Ex. 2]4. Linear Inequations in One Variable [Ex. 4]5. Ratio and Proportion [Ex. 6 a – 6 c]6. Factor Theorem – Factorization [Ex. 7]7. Matrices [Ex. 8 a – 8 c] <p>Half Yearly Examination:</p> <ol style="list-style-type: none">1. Arithmetic and Geometric Progression [Ex.9 a – 9 d]2. Similarity [Ex.13.1 – 13.3]3. Trigonometrical Identities [Ex 18]4. Trigonometrical Tables [Ex 19]5. Heights & Distances [Ex 20]6. Section Formula [Ex. 11]7. Equation of a Straight Line [Ex. 12.1, 12.2]8. Measures of Central Tendency [Ex. 21.1 – 21.6]9. Shares & Dividends [Ex.3]10. Circles [Ex. 15.1 -15.3]11. Mensuration [Ex 17.1 - 17.5] <p>Project : Banking Submission Date: 02.09.2024</p>	<ol style="list-style-type: none">1.Locus [Ex 14]2.Construction [Ex 16.1, 16.2]3.Probability [Ex 22]4.Reflection [Ex 10 (a,b)] <p>Project : Banking Submission Date: 02.12.2024</p> <p>Selection Examination: As per ICSE Scope 2025.</p>



SYLLABUS: 2024-25
PHYSICS

TERM 1	TERM 2
<p>Unit Test 1 Chapter 1: Force Chapter 2: Work, Energy and Power Chapter 4: Refraction of Light at Plane Surfaces Chapter 5: Refraction through a Lens</p> <p>Half Yearly Examination: Chapter 3: Machines Chapter 4: Refraction of Light at Plane Surfaces Chapter 5: Refraction through a Lens Chapter 6: Spectrum Chapter 7: Sound Chapter 8: Current Electricity Chapter 9: Household Circuits Chapter 11: Calorimetry Chapter 12: Radioactivity</p> <p>Project: Practical File Submission Date: 23.08.2024</p>	<p>Chapter 10: Electro-magnetism</p> <p>Project: Practical File Submission Date: 27.11.2024</p> <p>Selection Examination: As per ICSE Scope 2025.</p>

CHEMISTRY

TERM 1	TERM 2
<p>Unit Test 1 Chapter 1: Periodic Table- Periodic Properties and Variation of Properties Chapter 2: Chemical Bonding Chapter 4: Mole Concept & Stoichiometry Chapter 7D: Study of Compounds- Sulphuric acid</p> <p>Half Yearly Examination: Chapter 1: Periodic Table- Periodic Properties and Variation of Properties Chapter 2: Chemical Bonding Chapter 4: Mole Concept & Stoichiometry Chapter 7D: Study of Compounds- Sulphuric acid Chapter 3A: Study of Acids, Bases & Salts Chapter 3B: Analytical Chemistry- Use of Ammonium and Sodium Hydroxide Chapter 5: Electrolysis Chapter 6: Metallurgy</p> <p>Project: Practical File Submission Date: 30.08.2024</p>	<p>Chapter 8: Organic Chemistry</p> <p>Project: Practical File Submission Date: 28.11.2024</p> <p>Selection Examination: As per ICSE Scope 2025</p>



SYLLABUS: 2024-25
BIOLOGY

TERM 1	TERM 2
<p>Unit Test 1 Chapter 2- Structure of chromosomes, Cell cycle and Cell Division Chapter 5- Transpiration</p> <p>Half Yearly Examination: Chapter 2: Structure of chromosomes, cell cycle and cell division Chapter 3: Genetics Chapter 4: Absorption by Roots Chapter 5: Transpiration Chapter 6: Photosynthesis Chapter 7: Chemical coordination in plants Chapter 8: The Circulatory System Chapter 9: The Excretory System Chapter 15: Population</p> <p>Practical/project file</p>	<p>Practical/project file</p> <p>Selection Examination: As per ICSE Scope 2025. (All the chapters of the class X book)</p>



SYLLABUS: 2024-25
ECONOMICS

TERM 1	TERM 2
<p>Unit Test 1 Chapter 6: Meaning and Functions of Money Chapter 7: Commercial Banks Chapter 8: Central Bank</p> <p>Half Yearly Examination: Chapter 6 : Meaning and Functions of Money Chapter 7 : Commercial Banks Chapter 8 : Central Bank Chapter 9 : Introduction to Public Finance Chapter 10: Public Revenue Chapter 11 : Public Expenditure Chapter 12 : Public Debt Chapter 13 : Inflation</p> <p>Activity: Factors of Production OR Types of Market</p> <p>Project : 1. Combination of factors of production used in the production process of a local industrial unit. Or 2. Survey 15 neighbours about the type of taxes they pay and conclude which type of tax is easier to pay and why.</p> <p>Submission date : Upgraded project: 29.07.2024</p>	<p>Chapter 14: Consumer Awareness</p> <p>Project : Combination of factors of production used in the production process of a local industrial unit. OR Survey 15 neighbours about the type of taxes they pay and conclude which type of tax is easier to pay and why.</p> <p>Submission date : 12.11.2024</p> <p>Activity: Theory of Supply OR Theory of Demand</p> <p>Selection Examination: Entire ICSE Syllabus as per Scope 2025</p>



SYLLABUS: 2024-25
COMPUTER APPLICATIONS

TERM 1	TERM 2
<p>Unit Test 1 Chapter 1 :Revising Basic Java Concepts Chapter 2 :Class as basis of all computation Chapter 3 :User – defined methods</p> <p>Half Yearly Examination: Chapter 1:Revising Basic Java Concepts Chapter 2:Class as Basis of all Computation Chapter 3:User- Defined Methods Chapter 4:Constructors Chapter 5:Using library classes Chapter 6:Encapsulation Chapter 7:Arrays</p> <p>Practical : Chapter 1:Revising Basic Java Concepts Chapter 3:User- Defined Methods Chapter 7:Arrays</p> <p>Project :5 programs on Strings and Arrays Submission date : 19.06.2024</p>	<p>Chapter 1:Revising Basic Java Concepts Chapter 2:Class as Basis of all Computation Chapter 3:User- Defined Methods Chapter 4:Constructors Chapter 5:Using library classes Chapter 6:Encapsulation Chapter 7:Arrays Chapter 8:String handling</p> <p>Practical : Chapter1:Revising Basic Java Concepts Chapter 3:User- Defined Methods Chapter 7:Arrays Chapter 8:String Handling</p> <p>Project :Total 20 programs done in Class IX and X Submission date : 18.11.2024</p> <p>Selection Examination: As per ICSE Scope 2025. (All the chapters of the class X book)</p>



**SYLLABUS: 2024-25
COMMERCIAL STUDIES**

TERM 1	TERM 2
<p>Unit Test 1 Chapter 1: Stakeholders in Commercial Organisations Chapter 2: Marketing and Sales Chapter 3: Advertising and Sales Promotion Chapter 4: Consumer Protection Chapter 5: E-commerce Chapter 6: Capital and Revenue Expenditure/Income</p> <p>Half Yearly Examination: Chapter 6: Capital and Revenue Expenditure/Income Chapter 7: Final Accounts of Sole proprietorship Chapter 8: Fundamental Concepts of cost Chapter 9: Budgeting Chapter 10: Sources of Finance Chapter 11: Recruitment, Selection and Training Chapter 12: Industrial Relations, Trade Union and Social Security</p> <p>Projects (As per ICSE scope) Role of transportation in modern business. (Upgradation to be done) Submission Date: 25th June 2024 Activity: PPT on Final Accounts</p>	<p>All the Chapters of Term-1 Chapter 13: Logistics and insurance Chapter 14: Banking Chapter 15: Striving for a better environment</p> <p>Project: Consumer's Protection Act. (Upgradation to be done)</p> <p>Submission Date:: 12th November 2024</p> <p>Activity: A Visit to R.B.I Museum</p> <p>Selection Examination: As per ICSE Scope 2025.</p>

ENVIRONMENTAL SCIENCE

TERM 1	TERM 2
<p>Unit Test 1 Chapter 1 : Controlling Air Pollution Chapter 2 : Addressing Population Chapter 3 : Managing the Urban Environment</p> <p>Half Yearly Examination: 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</p>	<p>Selection Examination : As per ICSE Scope 2025(All chapters of class X's book)</p>



SYLLABUS: 2024-25
HISTORY

TERM 1	TERM 2
<p>Unit Test 1 History Chapter 3: Objectives and methods of struggle of Early Nationalists Chapter 4: Second phase of the Indian National Movements: partition of Bengal & other developments. Chapter 5: Factors leading to the formation of the Muslim league Chapter 6: National movement during the First World War</p> <p>Half Yearly Examination: HISTORY</p> <p>Chapter 7: National Movement: 1919-1934 Chapter 8: The Cripps mission and the Quit India Movement Chapter 9 – Subhas Bose, Forward Bloc, INA Chapter 10- Independence and the Partition of India.</p> <p>Contemporary World Chapter 11 – The First World War</p> <p>Civics Chapter 1: The Union Parliament Chapter 2 – The Union Executive: the President & the Vice President Chapter 3 : The Union Executive: The Prime Minister, The Union Cabinet & The council of ministers.</p> <p>Project: Rammohan Roy, The father of Indian renaissance/ Lokmanya Balgangadhar Tilak.</p>	<p>Contemporary World Chapter 12: Rise of Dictatorship Chapter 13: The Second World War Chapter 14: Organs of the UN Chapter 15: Agencies of the UN Chapter 16: Non Aligned Movement</p> <p>CIVICS Chapter 4 – The Union Judiciary : The Supreme Court Chapter 5 – The State Judiciary : The High Courts Chapter 6 – The Subordinate Courts</p> <p>Project: As per as ICSE Scope</p> <p>Selection Examination : As per ICSE Scope 2025</p>



SYLLABUS: 2024-25
GEOGRAPHY

TERM 1	TERM 2
<p>Unit Test 1 Chapter 3: Climate Chapter 6: Water Resources</p> <p>Half -Yearly Examination Chapter 3: Climate Chapter 4: Soil Resources Chapter 5: Natural Vegetation Chapter 6: Water Resources Chapter 7: Minerals and Energy resources Chapter 8: Agriculture in India -I Chapter 9: Agriculture in India -II Chapter10: Manufacturing Industries: Agro-based Chapter11: Manufacturing Industries: Mineral-based Chapter 12: Transport</p> <p>Interpretation of Topographical Maps: (As per ICSE scope 2025)</p> <p>Map Pointing: As per ICSE scope of 2025</p> <p>Project: Any two dream destinations of India.</p> <p>Submission Date: 01.07.2024</p>	<p>Chapter13: Waste Management-i Chapter14: Waste Management-ii</p> <p>Interpretation of Topographical Maps - Revision of the entire syllabus</p> <p>Map Pointing: Revision of the entire syllabus.</p> <p>Project: Any two dream destinations of India. (upgradation)</p> <p>Selection Examination : As per ICSE Scope 2025</p>



SYLLABUS: 2024-25
SECOND LANGUAGE BENGALI

TERM 1	TERM 2
<p>Unit Test 1 সংকলিতা</p> <p>গদ্য : পাঠ-৭ দেবতার জন্ম পদ্য : পাঠ-৭ ফুল ফুটুক না ফুটুক</p> <p>ব্যাকরণ</p> <p>পাঠ-৯ : ছেদ ও যতিচিহ্ন পাঠ-১২ : বাক্যের রূপান্তর</p> <p>Half Yearly Examination:</p> <p>গদ্য : পাঠ-১ : গিল্লি পাঠ-২ : লালু পাঠ-৪ : ক্যানভাসার পাঠ-৭ : দেবতার জন্ম পাঠ-৮ : নীল মানুষের কাহিনি পাঠ-৯ : গন্ধুটা খুব সন্দেহজনক</p> <p>পদ্য : পাঠ-২ : সভ্যতার প্রতি পাঠ-৬ : রবীন্দ্রনাথের প্রতি পাঠ-৭ : ফুল ফুটুক না ফুটুক পাঠ-৮ : অমলকান্তি পাঠ-৯ : বাবু বলেন পাঠ-১০ : খো খো</p> <p>ব্যাকরণ : পাঠ-৯ : ছেদ ও যতিচিহ্ন পাঠ-১১ : উক্তি পরিবর্তন পাঠ-১২ : বাক্যের রূপান্তর পাঠ-১৩ : বাগধারা পাঠ-১৮ : এক কথায় প্রকাশ (রচনাদর্শ বই থেকে)</p> <p>নির্মিতি : প্রবন্ধ/গল্পলিখন/চিত্রপাঠ, পত্রলিখন, বোধ পরীক্ষণ</p> <p>1) সিলেবাসের অন্তর্ভুক্ত যে কোনো একটি পদ্য অবলম্বনে ছোটগল্প রচনা কর ।</p> <p>2) সিলেবাসের অন্তর্ভুক্ত যে কোনো একটি ছোট গল্প অবলম্বনে নাটক রচনা কর ।</p> <p>Submission Date : 01.07.2024 Oral Test : As per ICSE Scope</p>	<p>গদ্য : পাঠ-১০ : লোকটি</p> <p>Project (On Literature) Submission Date : 12.11.2024</p> <p>1st Term Project Upgradation/Rectification</p> <p>Selection Examination : As per ICSE Scope 2025</p>



SYLLABUS: 2024-25
SECOND LANGUAGE HINDI

TERM 1	TERM 2
<p>Unit Test 1</p> <ol style="list-style-type: none">पाठ 2 काकी (साहित्य सागर book 1)पाठ 3 स्वर्ग बना सकते हैं (साहित्य सागर book 2)वाक्य परिवर्तन (ALL TYPES)विपरीत शब्द - (दोषी से हित तक) <p>Half Yearly Examination: साहित्य सागर book 1</p> <ol style="list-style-type: none">पाठ 2 काकीपाठ 8 भीड़ में खोया आदमीपाठ 10 दो कलाकारपाठ 1 बात अठन्नी की (REVISION)पाठ 3 महायज्ञ का पुरस्कार (REVISION)पाठ 9 भेड़ें और भेड़िए (REVISION) <p>साहित्य सागर book 2</p> <ol style="list-style-type: none">पाठ 2 कुण्डलियाँपाठ 3 स्वर्ग बना सकते हैंपाठ 5 मेघ आएपाठ 7 विनय के पदपाठ 1 साखी (REVISION)पाठ 4 वह जन्मभूमि मेरी (REVISION) <p>व्याकरण प्रदीपिका -</p> <ol style="list-style-type: none">वाक्य परिवर्तन - [All type]विपरीत शब्द - ('दोष' से 'हित' तक)पर्यायवाची शब्द - ('निःश्चल' से 'होंठ' तक)मुहावरे - ('अंग-अंग ढीला होना' से 'हाथों के तोते उड़ना' तक)अशुद्ध शब्दों को शुद्ध करना <p>रचना 1.निबंध लेखन/ कहानी लेखन/ चित्र लेखन 2.पत्र लेखन 3.अपठित गद्यांश</p> <p>1.Written Project: Submission Date: 17.06.2024 Topic: 'काकी' कहानी का कल्पनात्मक अंत करते हुए एक परियोजना तैयार कीजिए। OR प्रकृति चित्रण पर आधारित कविता 'मेघ आए' को एक कथा का रूप दीजिए। 2. Oral Test</p>	<p>पाठ 6 बड़े घर की बेटी (संक्षिप्त कहानियाँ)</p> <p>1.Written Project: Submission Date: 12.11.2024 (On Literature - Upgradation & Rectification)</p> <p>2. Aural Test</p> <p>Selection Examination : As per ICSE Scope 2025</p>