



## CALCUTTA PUBLIC SCHOOL

**CLASS: X**

**SYLLABUS: 2023-24**  
**ENGLISH I**

TERM 1	TERM 2
<b>Syllabus:</b> Grammar as per ICSE Scope 2024. Composition, Letter, Notice, Email, Comprehension <b>Unit Test 1</b> Grammar as per ICSE Scope 2024, Notice, Email. <b>Half Yearly Examination:</b> Grammar as per ICSE Scope 2024, Composition, Letter, Notice, Email, Comprehension. <b>Internal Assessment:</b> <b>Aural</b> [26 <sup>th</sup> July, 2023] <b>Oral</b> [31 <sup>st</sup> July - 3 <sup>rd</sup> August].	<b>Selection Examination:</b> As per ICSE Scope 2024.

### ENGLISH II

TERM 1	TERM 2
<b>Syllabus:</b> Treasure Trove: Poem: Unit 6. Daffodils [done in class IX], Unit 7. I Know Why the Caged Bird Sings, Unit 8. The Patriot, Unit 9. Abou Ben Adhem. Unit 10. Nine Gold Medals. Prose: Chapter 6. An Angel in Disguise [done in class IX], Chapter 7. The Little Match Girl, Chapter 9. My Greatest Olympic Prize, Chapter 10. All Summer in a Day. Drama: The Merchant of Venice – Act III & IV [all the scenes].  <b>Unit Test 1</b> Poem: Unit 7. I Know Why the Caged Bird Sings, Prose: Chapter 7. The Little Match Girl Drama: The Merchant of Venice – Act IV Scene I (Till lines taught in class).  <b>Half Yearly Examination: Treasure Trove -</b> Treasure Trove: Poem: Unit 6. Daffodils [done in class IX], Unit 7. I Know Why the Caged Bird Sings, Unit 8. The Patriot, Unit 9. Abou Ben Adhem, Unit 10. Nine Gold Medals Prose: Chapter 6. An Angel in Disguise [done in class IX], Chapter 7. The Little Match Girl, Chapter 9. My Greatest Olympic Prize, Chapter 10. All Summer in a Day. Drama: The Merchant of Venice – Act III & IV (All the Scenes). Internal Assessment: Project as per ICSE Scope 2024. <b>Project Submission Date:</b> 15 <sup>th</sup> June, 2023.	<b>Syllabus:</b> Prose: Chapter 8. The Blue Bead, Drama: The Merchant of Venice – Act V (All the Scenes) Internal Assessment: Project as per ICSE Scope 2024.  <b>Selection Examination:</b> As per ICSE Scope 2024.  <b>Project Submission Date:</b> 20 <sup>th</sup> November, 2023



**SYLLABUS: 2023-24**

**Text Book : Understanding ICSE Mathematics for Class X**

**Reference Book : ICSE Mathematics for Class X  
MATHEMATICS**

**M L Aggarwal  
Dasgupta & Banerjee**

TERM 1	TERM 2
<p><b>Unit Test 1</b></p> <ol style="list-style-type: none"> <li>1. Goods and Services Tax (GST) [ Ex. 1 ]</li> <li>2. Quadratic Equations in One Variable [ Ex.5.1- 5.5 ]</li> <li>3. Banking [ Ex. 2 ] [ covered in Class IX ]</li> <li>4. Linear Inequations in One Variable [ Ex. 4 ] [ covered in Class IX ]</li> <li>5. Ratio and Proportion [ Ex. 6 a – 6 c ] [ covered in Class IX ]</li> <li>6. Factor Theorem – Factorization [ Ex. 7 ] [ covered in Class IX ]</li> <li>7. Matrices [ Ex. 8 a – 8 c ] [ covered in Class IX ]</li> </ol> <p><b>Half Yearly Examination:</b></p> <ol style="list-style-type: none"> <li>8. Arithmetic and Geometric Progression [ covered in Class IX ] [ Ex.9 a – 9 d ]</li> <li>9. Similar Triangles [ covered in Class IX ] [ Ex.12 a – 12 e ]</li> <li>10. Trigonometrical Identities [ Ex 18 ]</li> <li>11. Trigonometrical Tables [ Ex 19 ]</li> <li>12. Heights &amp; Distances [ Ex 20 ]</li> <li>13. Section Formula [ Ex. 11 ]</li> <li>14. Equation of a Straight Line [ Ex. 12.1, 12.2 ]</li> <li>15. Measures of Central Tendency [ Ex. 21.1 – 21.6 ]</li> <li>16. Shares &amp; Dividends [ Ex.3 ]</li> </ol> <p><b>Project : Banking</b> <b>Submission Date:</b> 01.09.2023</p>	<ol style="list-style-type: none"> <li>1. Locus [Ex 14]</li> <li>2. Probability [ Ex 22 ]</li> <li>3. Construction { Ex 16.1, 16.2]</li> <li>4. Reflection [ Ex 10 (a,b) ] [ covered in Class IX ]</li> <li>5. Circles [ Ex. 15.1 -15.3 ]</li> <li>6. Mensuration [ Ex 17.1 - 17.5 ]</li> </ol> <p><b>Project : Banking</b> <b>Submission Date:</b> 01.12.2023</p> <p><b>Selection Examination:</b> As per ICSE Scope 2024.</p>



**SYLLABUS: 2023-24**  
**PHYSICS**

TERM 1	TERM 2
<b>Unit Test 1</b> Chapter 1: Force Chapter 2: Work, Energy and Power Chapter 4: Refraction of Light at Plane Surfaces Chapter 5: Refraction through a Lens  <b>Half Yearly Examination:</b> 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  <b>Project:</b> Practical File <b>Submission Date:</b> 30.08.2023	Chapter 10: Electro-magnetism  <b>Project:</b> Practical File <b>Submission Date:</b> 29.11.2023  <b>Selection Examination:</b> As per ICSE Scope 2024.

**CHEMISTRY**

TERM 1	TERM 2
<b>Unit Test 1</b> Chapter 2: Chemical bonding (done in class IX) Chapter 4: Mole concept & stoichiometry Chapter 7D: Study of compounds-Sulphuric acid  <b>Half Yearly Examination:</b> Chapter 1: Periodic Properties and Variation of Properties (done in class IX) Chapter 2: Chemical bonding (done in class IX) Chapter 3A. Study of Acids, Bases & Salts Chapter 3B. Analytical Chemistry Chapter 4: Mole concept & stoichiometry Chapter 5: Electrolysis Chapter 6: Metallurgy Chapter 7D : Study of compounds-Sulphuric acid  <b>Project:</b> Practical File <b>Submission Date:</b> 31.08.2023	Chapter 8: Organic chemistry  <b>Selection Examination:</b> As per ICSE Scope 2024  <b>Project:</b> Practical File <b>Submission Date:</b> 28.11.2023



## SYLLABUS: 2023-24

### BIOLOGY

TERM 1	TERM 2
<b>Unit Test 1</b> Chapter 2- Structure of chromosomes, Cell cycle and Cell Division Chapter 5- Transpiration  <b>Half Yearly Examination:</b> 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 <b>Practical/project file</b>	<b>Selection Examination:</b> As per ICSE Scope 2024. (All the chapters of the class X book)  <b>Practical/project file</b>

### COMPUTER APPLICATIONS

TERM 1	TERM 2
<b>Unit Test 1</b> Chapter 1:Revising Basic Java Concepts Chapter 2:Class as Basis of all Computation Chapter 3:User- Defined Methods  <b>Half Yearly Examination:</b> 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 [both single and double dimensional array] [Sorting techniques – Selection sort & bubble sort ]s <b>Practical :</b> Chapter 1:Revising Basic Java Concepts Chapter 3:User- Defined Methods Chapter 7:Arrays [both single and double dimensional array] [Sorting techniques – Selection sort & bubble sort ] <b>Project :</b> 5 programs on Strings and Arrays <b>Submission date :</b> 19.06.2023	<b>Selection Examination:</b> As per ICSE Scope 2024. [Whole ICSE Syllabus] 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 [both single and double dimensional array] [Sorting techniques Selection sort & bubble sort ] Chapter 8:String handling <b>Practical :</b> Chapter1:Revising Basic Java Concepts Chapter 3:User- Defined Methods Chapter 7:Arrays [both single and double dimensional array] [Sorting techniques –Selection sort & bubble sort ] Chapter 8:String handling  <b>Project :</b> Total 20 programs done in Class IX and X <b>Submission date :</b> 17.11.2023



## SYLLABUS: 2023-24 COMMERCIAL STUDIES

TERM 1	TERM 2
<b>Unit Test 1</b> 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  <b>Half Yearly Examination:</b> 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 <b>Projects</b> (As per ICSE scope) Role of transportation in modern business. (upgradation to be done) Submission Date: 15 <sup>th</sup> June 2023 <b>Activity:</b> PPT on Final Accounts <b>Submission Date:-</b> 15.06.2023	<b>All the Chapters of Term-1</b> Chapter 13: Logistics and insurance Chapter 14: Banking Chapter 15: striving for a better environment  <b>Project:</b> Consumer's Protection Act. (Upgradation to be done) Submission date: 20 <sup>th</sup> November 2023)  <b>Submission Date:-</b> 20.11.2023  <b>Activity:</b> Discussion of Pupils Analysis.  <b>Selection Examination:</b> As per ICSE Scope 2024.

## ENVIRONMENTAL SCIENCE

TERM 1	TERM 2
<b>Unit Test 1</b> Chapter 1 : Controlling Air Pollution Chapter 2 : Addressing Population Chapter 3 : Managing the Urban Environment  <b>Half Yearly Examination:</b> 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	<b>Selection Examination :</b> As per ICSE Scope 2024(All chapters of class X's book)



**SYLLABUS: 2023-24**  
**HISTORY**

TERM 1	TERM 2
<p><b>Unit Test 1</b></p> <p><b>History</b> Chapter 5: Factors leading to the formation of the Muslim League Chapter 6: National movement during the First World War Chapter 7 :National Movement: 1919-1934 Chapter 8: The Cripps Mission and the Quit India Movement</p> <p><b>Half Yearly Examination:</b></p> <p><b>History</b> Chapter 9: Subhas Bose, Forward Bloc, INA Chapter 10: Independence and the Partition of India.</p> <p><b>Contemporary World</b> Chapter 11:The First World War Chapter 12: Rise of Dictatorship</p> <p><b>Civics</b> Chapter 1: The Union Parliament Chapter 2: The Union Executive: The President &amp; the Vice President Chapter 3: The Union Executive: The Prime Minister, The Union Cabinet &amp; the Council of Ministers.</p> <p><b>Project:</b> Rammohan Roy, the Father of Indian Renaissance/ Lokmanya Balgangadhar Tilak.</p>	<p><b>Contemporary World</b> 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><b>Civics</b> Chapter 4:The Union Judiciary: The Supreme Court Chapter 5:The State Judiciary: The High Courts Chapter 6 – The Subordinate Courts</p> <p><b>Project:</b> As per as ICSE Scope</p> <p><b>Selection Examination :</b> As per ICSE Scope 2024</p>



**SYLLABUS: 2023-24**  
**GEOGRAPHY**

TERM 1	TERM 2
<p><b>Unit Test 1</b> Chapter 3: Climate Chapter 4: Soil Resources</p> <p><b>Half Yearly Examination:</b> Chapter 3: Climate Chapter 4: Soil Resources Chapter 5: Natural Vegetation Chapter 6: Water Resources Chapter 7: Mineral and Energy Resources Chapter 8: Agriculture in India____i Chapter 9: Agriculture in India____ii Chapter 10: Manufacturing Industries: (Agro-based) Chapter 11: Manufacturing Industries: (Mineral-based) Chapter 12: Transport Map Pointing: Map of India as per scope Interpretation of Topographical map</p> <p><b>Project:</b> Any two dream destinations of India <b>Submission Date:</b> 20.06.2023</p>	<p><b>Chapters to be taught</b> Chapter 13: Waste Management-i Chapter 14: Waste Management-ii Map of India as per ICSE scope Interpretation of Topographical map</p> <p><b>Project:</b> Any two dream destinations of India</p> <p><b>Selection Examination :</b> As per ICSE Scope 2024</p>



**SYLLABUS: 2023-24**  
**SECOND LANGUAGE BENGALI**

TERM 1	TERM 2
<p><b>Unit Test 1</b> সংকলিতা গদ্যঃ- পাঠ ৯ – গন্ধটা খুব সন্দেহজনক পদ্যঃ- পাঠ ২ – সভ্যতার প্রতি ব্যাকরণ পাঠ ৯ – ছেদ ও যতিচিহ্ন পাঠ ১২ – বাক্যের রূপান্তর</p> <p><b>Half Yearly Examination:</b> সাহিত্য মুকুল গদ্যঃ- পাঠ ১ – গিন্নি পাঠ ৩ – বামা পাঠ ৪ – ক্যানভাসার পাঠ ৫ – নাম পাঠ ৮ – নীল মানুষের কাহিনি পাঠ ৯ – গন্ধটা খুব সন্দেহজনক পদ্যঃ- পাঠ ২ – সভ্যতার প্রতি পাঠ ৩ – কুলিমজুর পাঠ ৪ – আবাব আসিব ফিরে পাঠ ৫ – সিঁড়ি পাঠ ৬ – রবীন্দ্রনাথের প্রতি পাঠ ৭ – ফুল ফুটুক না ফুটুক 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 ) নির্মিতিঃ-প্রবন্ধ / গল্পলিখন / চিত্রপাঠ , পত্রলিখন,বোধ পরীক্ষণ 1)সিলেবাসের অন্তর্ভুক্ত যে কোন একটি পদ্য অবলম্বনে ছোটগল্প রচনা কর।</p> <p style="text-align: center;"><b>OR</b></p> <p>2) সিলেবাসের অন্তর্ভুক্ত যে কোন একটি ছোটগল্প অবলম্বনে নাটক রচনা কর।</p> <p><b>Submission Date:-26.06.2023</b> <b>Oral Test:- As Per ICSE Scope</b></p>	<p>সংকলিতা গদ্যঃ- পাঠ ৯ – দেবতার জন্ম</p> <p><b>Project:(On Literature)</b> Submission Date:-20.11.2023 1<sup>st</sup> term Project Up-gradation/ Rectification.</p> <p><b>Aural Test:-</b> বহিরাগত</p> <p><b>Selection Examination :</b> As per ICSE Scope 2024</p>





**SYLLABUS: 2023-24**  
**SECOND LANGUAGE HINDI**

TERM 1	TERM 2
<p><b>Unit Test 1</b></p> <ol style="list-style-type: none"> <li>पाठ 5 अपना - अपना भाग्य (साहित्य सागर book 1)</li> <li>पाठ 2 गिरिधर की कुंडलियाँ (साहित्य सागर book 2)</li> <li>वाक्य परिवर्तन (ALL TYPES)</li> <li>विपरीत शब्द - पेज 156 -160</li> </ol> <p><b>Half Yearly Examination:</b> साहित्य सागर book 1</p> <ol style="list-style-type: none"> <li>पाठ 5 अपना - अपना भाग्य</li> <li>पाठ 7 संदेह</li> <li>पाठ 8 भीड़ में खोया आदमी</li> <li>पाठ 3 महायज्ञ का पुरस्कार (Revision)</li> <li>पाठ 6 बड़े घर की बेटी (Revision)</li> <li>पाठ 10 दो कलाकार (Revision)</li> </ol> <p><b>साहित्य सागर book 2</b></p> <ol style="list-style-type: none"> <li>पाठ 2 गिरिधर की कुंडलियाँ</li> <li>पाठ 7 विनय के पद</li> <li>पाठ 8 भिक्षुक</li> <li>पाठ 10 मातृ मंदिर की ओर</li> <li>पाठ 1 साखी (Revision)</li> <li>पाठ 3 स्वर्ग बना सकते हैं (Revision)</li> </ol> <p><b>व्याकरण प्रदीपिका -</b></p> <ol style="list-style-type: none"> <li>वाक्य परिवर्तन - [All type]</li> <li>विपरीत शब्द - पेज - 156 -160</li> <li>पर्यायवाची शब्द - पेज - 189 - 192</li> <li>मुहावरे - पेज - 198 - 201</li> <li>अशुद्ध शब्दों को शुद्ध करना</li> </ol> <p><b>रचना</b></p> <ol style="list-style-type: none"> <li>निबंध लेखन/ कहानी लेखन/ चित्र लेखन</li> <li>पत्र लेखन</li> <li>अपठित गद्यांश</li> </ol> <p><b>Written Project –</b> <b>Submission Date – 26.06.2023</b></p> <p>Topic: 'महायज्ञ का पुरस्कार' कहानी का नाट्य रूपांतरण कर एक परियोजना तैयार कीजिए। OR</p> <p>कबीरदास ने अपनी साखियों द्वारा हमें विभिन्न प्रकार की सीख दी है - संकलित साखियों के आधार पर सिद्ध कीजिए।</p> <ol style="list-style-type: none"> <li>Oral Test</li> </ol>	<p>पाठ 9 भेड़े और भेड़िए (संक्षिप्त कहानियाँ)</p> <p>Written Project – (On Literature - Upgradation &amp; Rectification)</p> <p>Submission date– 20.11.2023</p> <p>2. Aural Test</p> <p><b>Selection Examination : As per ICSE Scope 2024</b></p>