



## CALCUTTA PUBLIC SCHOOL

**CLASS: VII**

**SYLLABUS: 2024-25**

**ENGLISH I**

TERM 1	TERM 2
<p><b>Syllabus:</b> : Adjectives: Degrees of Comparison, Verbs (Subject-Verb Agreement, Auxiliary Verb), Present Tense, Past Tense, Future Tense, Active &amp; Passive Voice, Prepositions, Composition, Letter, Comprehension.</p> <p><b>Unit Test 1</b> Adjectives: Degrees of Comparison, Verb (Subject-Verb Agreement), Auxiliary, Informal letter.</p> <p><b>Half-Yearly Examination</b> Tense, Active &amp; Passive Voice, Prepositions, Compositions, Formal Letter, Comprehension.</p> <p><b>Internal Assessment:</b> Oral – 24<sup>th</sup> July to 29<sup>th</sup> July 2024 Aural – 30<sup>th</sup> July 2024</p>	<p><b>Syllabus:</b> Phrases, Clauses, Tense, Prepositions, Direct &amp; Indirect Speech, Notice &amp; Advertisement with Jingles.</p> <p><b>Unit Test 2</b> Phrases, Clauses, Notice, Advertisement with Jingles.</p> <p><b>Annual Examination:</b> Direct &amp; Indirect Speech, Tense, Letter (choice to be given), Composition, Comprehension..</p> <p><b>Internal Assessment:</b> Aural – 13<sup>th</sup> January, 2025. Oral – 14<sup>th</sup> January - 17<sup>th</sup> January 2025</p>

**ENGLISH II**

TERM 1	TERM 2
<p><b>Syllabus</b> :Dreamcatcher an English Reader 7: Unit 1: I Sit and Think (poem), Chapter 3: Naming the Baby (prose), Chapter 5: Doing What You Like Is Freedom (prose), Unit 11: The Crocodile and The Monkey (poem), Chapter 16: The Night the Ghost Got In (prose).</p> <p><b>Unit Test 1</b> Dreamcatcher an English Reader 7 Unit 1: I Sit and Think (poem), Chapter 16: The Night the Ghost Got In (prose).</p> <p><b>Half-Yearly Examination:</b> Dreamcatcher an English Reader 7 Chapter 3: Naming the Baby (prose), Chapter 5: Doing What You Like Is Freedom (prose), Unit 11: The Crocodile and The Monkey (poem).</p> <p><b>Internal Assessment:</b> Activity [Enactment].</p>	<p><b>Syllabus:</b> Dreamcatcher an English Reader 7: Unit 6: The Sea of Foliage (poem), Chapter 10: The MCC (prose), Chapter 9: Rain, Rain Go Away (prose), Unit 14: The Journey (poem), Chapter 15: The Case for The Defence (prose).</p> <p><b>Unit Test 2</b> Dreamcatcher an English Reader 7: Unit 6: The Sea of Foliage (poem), Chapter 10: The MCC (prose).</p> <p><b>Annual Examination</b> Dreamcatcher An English Reader 7: Chapter 9: Rain, Rain Go Away (prose), Unit 14: The Journey (poem), Chapter 15: The Case for The Defence (prose).</p> <p><b>Internal Assessment:</b> Project <b>Submission Date:</b> 18.11.2024</p>



**SYLLABUS: 2024-25**  
**MATHEMATICS [Mathematics Today for Class 7 S. Chand]**

TERM 1	TERM 2
<p><b>Unit Test 1</b></p> <ol style="list-style-type: none"><li>1. Integers [ Ex. 1 A – 1 C ]</li><li>2. Fractions and Decimals [ Ex. 2 A – 2 C ]</li><li>3. Rational Numbers [ Ex. 3 A – 3C ]</li><li>4. Algebraic Expressions [ Ex. 11 A, 11 B ]</li><li>5. Lines and Angles [ Ex. 14 ]</li></ol> <p><b>Half-Yearly Examination:</b></p> <ol style="list-style-type: none"><li>1. Integers [ Ex. 1 A – 1 C ]</li><li>2. Fractions and Decimals [ Ex. 2 A – 2 C ]</li><li>3. Rational Numbers [ Ex. 3 A – 3C ]</li><li>4. Algebraic Expressions [ Ex. 11 A, 11 B ]</li><li>5. Lines and Angles [ Ex. 14 ]</li><li>6. Square Root and Cube Root [ Ex. 5 A- 5 B ]</li><li>7. Unitary Method and Time and Work [Ex. 8 A, 8 B ]</li><li>8. Speed, Time and Distance [ Ex 10 A, 10 B ]</li><li>9. Linear Equations in One Variable [Ex.12 A – 12C ]</li><li>10. Parallel Lines [ Ex 15 ]</li><li>11. Triangles [ Ex. 17 A - 17 C ]</li><li>12. Congruency of Triangles [ Ex. 18 A ]</li></ol>	<p><b>Unit Test 2</b></p> <ol style="list-style-type: none"><li>1. Exponents [ Ex. 4 A – 4 C ]</li><li>2. Ratio and Proportion [ Ex. 7 A, 7 B ]</li><li>3. Perimeter &amp; Area [ Ex. 22 A – 22 E ]</li></ol> <p><b>Annual Examination:</b></p> <ol style="list-style-type: none"><li>1. Exponents [ Ex. 4 A – 4 C ]</li><li>2. Ratio and Proportion [ Ex. 7 A, 7 B ]</li><li>3. Perimeter &amp; Area [ Ex. 22 A – 22 E ]</li><li>4. Sets [ Ex. 6 A, 6 B ]</li><li>5. Percentage and its Applications [Ex. 9 A - 9 G ]</li><li>6. Basic Constructions [ Ex 16 ]</li><li>7. Frequency Distribution and Mean [ Ex. 23 A – 23 D ]</li><li>8. Graphical Representation of Data [ Ex 24 ]</li><li>9. Factorisation of Algebraic Expressions [ Ex. 28A ]</li><li>10. Average [ Ex 26 ]</li><li>11. Volume and Surface Area of Solids [ Ex 32 ]</li></ol> <p><b>Project</b> : Frequency Distribution and Mean <b>Submission Date:</b> 08.01.2025</p>



## SYLLABUS: 2024-25

### PHYSICS

TERM 1	TERM 2
<p><b>Unit Test 1</b> Chapter 1: Physical Quantities and Measurement Chapter 2: Force and Pressure : Motion (upto Pg 33 till table 2.2)</p> <p><b>Half-Yearly Examination:</b> Chapter 1: Physical Quantities and Measurement Chapter 2: Force and Pressure : Motion Chapter 3: Energy Chapter 6: Sound</p> <p><b>Project:</b> Transformation of energy in our daily life (excluding the examples mentioned in the textbook)</p> <p><b>Submission Date:</b> 24.06.2024</p>	<p><b>Unit Test 2</b> Chapter 4: Light Energy</p> <p><b>Annual Examination:</b> Chapter 4: Light Energy Chapter 5: Heat Chapter 6: Sound Chapter 7: Electricity and Magnetism</p> <p><b>Activity:</b> Combination of Colours.</p>

### CHEMISTRY

TERM 1	TERM 2
<p><b>Unit Test 1</b> Chapter 1: Matter Chapter 2: Physical &amp; Chemical Changes</p> <p><b>Half-Yearly Examination:</b> Chapter 1: Matter Chapter 2: Physical &amp; Chemical Changes Chapter 3: Elements, Compounds &amp; Mixtures Chapter 4: Atomic Structure</p> <p><b>Project:</b> -Pasting of pictures of any five physical &amp; five chemical changes from our daily life with proper explanation'</p> <p><b>Submission Date:</b> 24.06.2024</p>	<p><b>Unit Test 2</b> Chapter 6: Metals and Non-metals</p> <p><b>Annual Examination:</b> Chapter 5: Language of Chemistry Chapter 6: Metals and Non-metals Chapter 7: Air &amp; Atmosphere</p> <p><b>Project:</b> Placard making (Topic- Let's join hands to protect our environment.)</p> <p><b>Submission Date:</b> 27.01.2025 - 31.01.2025</p>



**SYLLABUS: 2024-25  
BIOLOGY**

<b>TERM 1</b>	<b>TERM 2</b>
<p><b>Unit Test 1</b> Chapter 1: Tissues</p> <p><b>Half-Yearly Examination:</b> Chapter 1: Tissues Chapter 2: Kingdom Classification Chapter 5: Respiration</p> <p><b>Project Topic:</b> Allergy <b>Activity:</b> Allergy.</p>	<p><b>Unit Test 2</b> Chapter 4: Photosynthesis</p> <p><b>Annual Examination:</b> Chapter 3: Kingdom Animalia Chapter 6: Excretory System Chapter 7: Nervous System</p> <p><b>Project:</b> Fossils and its Classification(Visit to Indian Museum, Kolkata)</p>

**COMPUTER APPLICATIONS**

<b>TERM 1</b>	<b>TERM 2</b>
<p><b>Unit Test 1</b> Chapter 1:Doodle your dream Chapter 3:Hatching the Python</p> <p><b>Half-Yearly Examination:</b> Chapter 2: The language of the Universe Chapter 4:Very able variables Chapter 5 :If you think for a while Chapter 10 :Small steps to big data</p> <p><b>Practical:</b> Chapter 3:Hatching the Python Chapter 4:Very able variables Chapter 5:If you think for a while</p>	<p><b>Unit Test 2</b> Chapter 8:Make a Wiki</p> <p><b>Annual Examination:</b> Chapter 6:Turtling with Python Chapter 7:Simple App great impact Chapter 9: Chat with bots Chapter11:Creating a positive digital footprint</p> <p><b>Practical:</b> Chapter 5:If you think for a while Chapter 6:Turtling with Python Chapter 7:Simple App great impact Chapter 8:Make a Wiki</p>



**SYLLABUS: 2024-25  
HISTORY**

TERM 1	TERM 2
<p><b>Unit Test 1</b> Chapter 3: The Turkish Invasions. Chapter 4: The Slave Dynasty</p> <p><b>Half-Yearly Examination:</b> Chapter: 3 The Turkish Invasions. Chapter 4: The Slave Dynasty Chapter 5: The Khalji Dynasty Chapter 6: The Tughlaq and Lodi Dynasties. Chapter 7: The Vijayanagara and Bahamani kingdoms. Chapter 1[C] : Our Constitution.</p> <p><b>Project:</b> The Advent of Christianity / Islam [written]</p>	<p><b>Unit Test 2</b> Chapter 8: Advent of the Mughals. Chapter 9: Akbar.</p> <p><b>Annual Examination:</b> Chapter 8: Advent of the Mughals. Chapter 9: Akbar. Chapter 10: Jahangir and Shah Jahan. Chapter 11: Aurangzeb and Shivaji. Chapter 12: Social and Cultural changes. Chapter 2[C]: Fundamental Rights and Duties.</p> <p><b>Project:</b> Activity – [PPT / Role Play]</p>

**GEOGRAPHY**

TERM 1	TERM 2
<p><b>Unit Test 1</b> Chapter 1:Representation of Geographical Features Chapter 2:Atmosphere</p> <p><b>Half-Yearly Examination:</b> Chapter 1:Representation of Geographical Features Chapter 2:Atmosphere Chapter 3:Weather and Climate Chapter 7:Europe:Location,Political Divisions and Physical Features</p> <p><b>Map Pointing: Europe</b></p> <p><b>Internal Assessment:</b></p> <p><b>Project:</b> Industries <b>Submission Date:</b> 24<sup>th</sup> June 2024</p>	<p><b>Unit Test 2</b> Chapter 5: Industries Chapter 9: Australia: Location, Political Divisions and Physical Features <b>Map Pointing: Australia</b></p> <p><b>Annual Examination:</b> Chapter 5:Industries Chapter 8:Africa:Location,Political Divisions and Physical Features Chapter 9:Australia:Location,Political Divisions and Physical Features Chapter 10:Antarctica:The Uninhabited Continent</p> <p><b>Map Pointing: Africa</b></p> <p><b>Internal assessment:</b></p> <p><b>Project:</b> Video / Movie show on Major Tourist Attractions of Australia / Excursion [Span : 13th January to 17th January 2025]</p>



**SYLLABUS: 2024-25**  
**SECOND LANGUAGE BENGALI**

TERM 1	TERM 2
<p><b>Unit Test 1</b></p> <p>সাহিত্য মুকুল গদ্য:- পাঠ ৭ - লালু ব্যাকরণ: ১: সন্ধি (ব্যঞ্জনসন্ধি) ২: বিপরীতার্থক শব্দ নির্মিতি: পত্রলিখন</p> <p><b>Half Yearly Examination:</b></p> <p>সাহিত্য মুকুল গদ্য: পাঠ ১: সভ্য-অসভ্য পদ্য: পাঠ ৬: দীনদান পাঠ ১৩: সাম্যবাদী ব্যাকরণ: ১: সংখ্যাবাচক ও পূরণবাচক শব্দগঠন ২: এককথায় প্রকাশ নির্মিতি: প্রবন্ধ / গল্পলিখন / চিত্রপাঠ / বোধ পরীক্ষণ</p> <p><b>Internal Assessment:</b></p> <p><b>Slogan Writing:</b> “জন্মিলে মরিতে হবে, অমর কে কোথা কবে?”</p> <p><b>Oral Test:</b> বহিরাগত</p>	<p><b>Unit Test 2</b></p> <p>সাহিত্য মুকুল পদ্য: পাঠ ১০: আমার বাড়ি ব্যাকরণ: ১: পদান্তর ২: বাংলা বানানে শিষ্ট প্রয়োগ নির্মিতি: পত্রলিখন</p> <p><b>Annual Examination:</b></p> <p>সাহিত্য মুকুল গদ্য: পাঠ ৮: এডওয়ার্ড জেনারের আবিষ্কার পাঠ ১৩: আমার কাল্লা পদ্য: পাঠ ১৪: আহান ব্যাকরণ: ১: বাক্য পরিবর্তন (সরল / জটিল / যৌগিক) ২: উপসর্গ (দেশী ও বিদেশী উপসর্গ) নির্মিতি: প্রবন্ধ / গল্পলিখন / চিত্রপাঠ / বোধ পরীক্ষণ</p> <p><b>Internal Assessment:</b></p> <p><b>Aural Test:</b> বহিরাগত <b>Project Submission Date:</b> 15.01.2025 ১. তোমার শৈশবের এমন কোনো ঘটনা যা তোমার স্মৃতির পাতায় সারাজীবন থেকে যাবে। বিষয়টি নিজের ভাষায় বর্ণনা করো।</p> <p><b>OR</b></p> <p>২. স্বল্প আয়ুর কবি হয়েও সুকান্ত ভট্টাচার্য বাংলা সাহিত্যে উজ্জ্বলতম জ্যোতিষ্কতীর লেখা যেকোন চারটি কবিতা অবলম্বনে আলোচনা করো।</p>



**SYLLABUS: 2024-25**  
**SECOND LANGUAGE HINDI**

TERM 1	TERM 2
<p><b>Unit Test 1</b></p> <ol style="list-style-type: none"><li>पाठ 2 देशप्रेम का दाम (गुलमोहर)</li><li>पाठ 11 सर्वनाम (व्याकरण- सुमन)</li><li>पाठ 6 पर्यायवाची शब्द (पेज 43-44) (व्याकरण- सुमन)</li><li>रचना- पत्र लेखन</li></ol> <p><b>Half Yearly Examination:</b> गुलमोहर</p> <ol style="list-style-type: none"><li>पाठ 1 वरदान</li><li>पाठ 4 ज्वालामुखी</li><li>पाठ 5 कोशिश करने वालों की व्याकरण-सुमन</li><li>पाठ 6 अनेक शब्दों के लिए एक शब्द (पेज 52 - 54)</li><li>पाठ 12 विशेषण</li></ol> <p>रचना-</p> <ol style="list-style-type: none"><li>निबंध लेखन/ कहानी लेखन/ चित्र लेखन</li><li>अपठित गद्यांश</li></ol> <p><b>Internal Assessment:</b></p> <ol style="list-style-type: none"><li>Oral Test</li><li>Slogan Writing – (TOPIC – जनसंख्या)</li></ol>	<p><b>Unit Test 2</b></p> <ol style="list-style-type: none"><li>पाठ 8 बाल लीला (गुलमोहर)</li><li>पाठ 6 अनेकार्थी शब्द (पेज 56-57) (व्याकरण- सुमन)</li><li>पाठ 20 मुहावरे ( पेज 154-157) (व्याकरण- सुमन)</li><li>रचना - पत्र लेखन</li></ol> <p><b>Annual Examination:</b> गुलमोहर</p> <ol style="list-style-type: none"><li>पाठ 7 प्रायश्चित</li><li>पाठ 10 खुराफाती</li><li>पाठ 12 सरिता</li></ol> <p>व्याकरण-सुमन</p> <ol style="list-style-type: none"><li>पाठ 4 उपसर्ग और प्रत्यय</li><li>पाठ 23 अशुद्धि- शोधन (संज्ञा, सर्वनाम, लिंग, विशेषण, क्रिया)</li></ol> <p>रचना</p> <ol style="list-style-type: none"><li>निबंध लेखन/ कहानी लेखन/ चित्र लेखन</li><li>अपठित गद्यांश</li></ol> <p><b>Internal Assessment:</b></p> <ol style="list-style-type: none"><li>Aural Test</li><li>Written Project</li></ol> <p><b>Submission Date:</b> 15.01.2025</p> <p><b>Topic:</b> "प्रायश्चित" कहानी का नाट्य रूपांतरण कर एक परियोजना तैयार कीजिए।</p> <p style="text-align: center;"><b>OR</b></p> <p>"बाललीला" पाठ के आधार पर सिद्ध करें कि सूरदास वात्सल्य रस के सम्राट हैं।</p>



**SYLLABUS: 2024-25**  
**THIRD LANGUAGE BENGALI**

TERM 1	TERM 2
<b>Unit Test 1</b> গদ্য - পাঠ ১১ - ছেলেবেলার কলকাতা পদ্য - পাঠ ২ - রবিবার  <b>Half Yearly Examination:</b> গদ্য - পাঠ ২০ - আশ্চর্য পরিত্রাণ পদ্য - পাঠ ৫ - গ্রীষ্ম  <b>Internal Assessment:</b> <b>Activity:</b> Word Game	<b>Unit Test 2</b> গদ্য - পাঠ ১৩ - চড়াই আর বাঘের কথা পদ্য - পাঠ ১০ - মেয়েদের পদবী  <b>Annual Examination:</b> গদ্য - পাঠ ১২ - গনশার চিঠি পদ্য - পাঠ ৮ - সবার আমি ছাত্র  <b>Internal Assessment:</b> <b>Role Play:</b> <b>Topic :</b> Indian Nobel prize winners.

**THIRD LANGUAGE HINDI**

TERM 1	TERM 2
<b>Unit Test 1</b> पाठ-1 हिंद देश के निवासी (कविता) पाठ-4 सुलतान का संदूक (कहानी)  <b>Half Yearly Examination:</b> पाठ-5 सुबह (कविता) पाठ-6 बोल अनमोल (कहानी)  <b>Activity-</b> Word Game	<b>Unit Test 2</b> पाठ-9 चला किसान (कविता) पाठ-8 तितली की उड़ान (कहानी)  <b>Annual Examination:</b> पाठ-13 धरती कितनी बड़ी किताब (कविता) पाठ-11 कहाँ गया बल्ला (कहानी)  <b>Activity-</b> Role play of Indian Nobel prize winners