

**Carmel Convent Sr. Sec. School**  
**Syllabus for July August Class X (2020-21)**

Month	English	Hindi	Sanskrit	Mathematics	Science	Social Science
July	<ul style="list-style-type: none"> <li>Poem: Fire and Ice</li> <li>Nelson Mandela: Long Walk To Freedom</li> <li>About Flying: I-His First Flight</li> <li>II-Black Aeroplane</li> </ul>	<ul style="list-style-type: none"> <li>वाच्य</li> <li>वाच्य के प्रकार व अभ्यास</li> <li>बालगोबिन भगत लेखक परिचय</li> <li>पाठ परिचय भगत जी की दिनचर्या रहन सहन आदि सूरदास के पद</li> <li>कवि का जीवन परिचय पाठ परिचय भ्रमरगीत गोपियों का बिरह तथा कृष्ण प्रेम पद परिचय</li> <li>संज्ञा, सर्वनाम क्रिया, विशेषण</li> </ul>	<p>पाठ - 1 शुचिपर्यावरणम् पाठ- 5 जननी तुल्यवत्सला व्याकरण - तत्पुरुषः समास</p>	<p><u>Pair of Linear equation in two variables</u> *Equation Reducible to pair of a linear Equations</p> <p><u>Polynomial</u> *Introduction *Geometrical meaning of the zeroes of a Polynomial *Relationship between Zeroes and Coefficients of a Polynomial</p> <p><u>Real Number</u> <u>Introduction</u> *The Fundamental Theorem of Arithmetic *Revisiting Irrational Numbers and their Decimal Expansions</p> <p><u>Probability</u> *Introduction *Probability-A Theoretical Approach</p>	<p><b><u>Chemistry-</u></b> CH-12 ELECTRICITY</p> <ul style="list-style-type: none"> <li>Electric current, potential difference</li> <li>OHM'S law, resistance, resistivity</li> <li>Factors on which the resistance of a conductor depends, resistor in series and parallel and its application in daily life</li> <li>Electrical energy</li> <li>Power rating</li> <li>Numericals</li> </ul> <p><b><u>Biology-</u></b> LIFE PROCESSES</p> <ul style="list-style-type: none"> <li>What are life processes?</li> <li>Modes of Nutrition (autotrophic/heterotrophic)</li> <li>Nutrition in plants</li> <li>Nutrition in amoeba</li> <li>Nutrition in human beings.</li> </ul>	<p><b><u>History-</u></b> L 1- The rise of nationalism in Europe</p> <ul style="list-style-type: none"> <li>A new conservatism after 1815</li> <li>The age of revolutions</li> <li>The romantic imagination and national feelings</li> <li>Hunger hardship and popular revolt</li> <li>1848 -The revolution of the liberals</li> </ul> <p><b><u>Civics-</u></b> L 1- Power sharing</p> <ul style="list-style-type: none"> <li>Case of Belgium and srilanka.</li> <li>How is power sharing desirable.</li> <li>Accommodation in Belgium.</li> <li>Civil war in srilanka.</li> <li>Forms of power sharing.</li> </ul> <p><b><u>Geography-</u></b> L 1- Resources and Development</p> <ul style="list-style-type: none"> <li>Soil as a Resource</li> <li>Classification of Soil.</li> <li>Soil Erosion</li> <li>Soil Conservation</li> </ul> <p><b><u>Economics-</u></b> L 1- Development</p> <ul style="list-style-type: none"> <li>What development promises</li> <li>National Development</li> <li>How to compare countries</li> <li>Income and other criteria</li> </ul>
August	<ul style="list-style-type: none"> <li>From The</li> </ul>	<ul style="list-style-type: none"> <li>रस की परिभाषा</li> </ul>	व्याकरण-	<u>Triangles</u>	<b><u>Chemistry-</u></b>	<b><u>History-</u></b>

	<p>Diary Of Anne Frank</p> <ul style="list-style-type: none"> <li>• The Ball Poem</li> <li>• The Hundred Dresses – I</li> <li>• The Hundred Dresses – II</li> </ul>	<p>रस के अंग, स्थाई भाव तथा विभिन्न रस</p> <ul style="list-style-type: none"> <li>• लखनवी अंदाज लेखक परिचय व पाठ परिचय नवाब साहब का चरित्र एवं लेखक की प्रतिक्रिया जॉर्ज पंचम की नाक</li> <li>• जॉर्ज पंचम की जानकारी ,आजादी के पूर्व की स्थिति , पदलो लूप लोगों की मनोवृत्ति और स्वार्थ पूर्ति के लिए अमानवीय कृत्य</li> <li>• उत्साह कवि परिचय पाठ परिचय काव्य के अंग भाव सौंदर्य</li> </ul>	<p>द्वन्द्व समास व्याकरण- टाप् प्रत्यय पाठ- 6 सुभाषितानि</p>	<p>*Introduction *Similar Figures *Similarity of Triangles Triangles *Criteria for <u>Similarity of Triangles</u> *Areas of Similar Triangles <u>Triangles</u> *Pythagoras Theorem</p>	<p><b>Physics-</b> CH-13 MAGNETIC EFFECT OF ELLECTRIC CURRENT</p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Magnetic field and field line</li> <li>• Field due to current carrying coil</li> <li>• Right hand thumb rule</li> <li>• Force on current carrying conductor, Fleming’s left hand rule, electric motor, electromagnetic induction, Fleming’s right hand rule</li> </ul> <p><b>Biology-</b> LIFE PROCESSESS (cont) RESPIRATION INTRODUCTION</p> <ul style="list-style-type: none"> <li>• Types of respiration <ul style="list-style-type: none"> <li>a. Aerobic respiration</li> <li>b. Anaerobic respiration</li> </ul> </li> <li>• Respiration in plants</li> <li>• Respiration in animals</li> </ul> <p>TRANSPORTATION IN PLANTS TRANSPORTATION IN ANIMALS</p>	<p>L 1- The rise of nationalism in Europe</p> <ul style="list-style-type: none"> <li>• The making of Germany and Italy</li> <li>• Visualizing the nation</li> <li>• Nationalism and Imperialism</li> </ul> <p><b>Civics-</b> L 2- Federalism</p> <ul style="list-style-type: none"> <li>• Two or more than two tiers of govt.</li> <li>• Two kinds of federation</li> <li>• Three lists.</li> <li>• Decentralisation and reasons of decentralisation.</li> <li>• Local self-government and features of local self-government.</li> </ul> <p><b>Geography-</b> L 3- Water Resources</p> <ul style="list-style-type: none"> <li>• Introduction of water as an important Resource.</li> <li>• Distribution of major rivers and multi-purpose river projects in India.</li> </ul> <p>L 4- Agriculture</p> <ul style="list-style-type: none"> <li>• Definition</li> <li>• Agriculture as a primary activity.</li> <li>• Types of farming</li> </ul> <p><b>Economics-</b> L 1- Development (continue)</p> <ul style="list-style-type: none"> <li>• Public facilities</li> <li>• Sustainable development</li> </ul> <p>L 2-Sectors of the economy</p> <ul style="list-style-type: none"> <li>• Econimics activities</li> <li>• Comparing sectors</li> </ul>
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