

# SARALA BIRLA PUBLIC SCHOOL, RANCHI

## PORTION FOR HALF YEARLY EXAMINATION (ONLINE) 2020-21

<b>Class: XII</b>	
<b>Subject</b>	<b>Chapter/Unit/Content</b>
<b>English</b>	<ul style="list-style-type: none"> <li>• <b>Flamingo-</b> <ol style="list-style-type: none"> <li>1. The Last Lesson</li> <li>2. My Mother at Sixty-Six</li> <li>3. Lost spring</li> <li>4. An Elementary School Classroom in a Slum</li> <li>5. Deep Water</li> <li>6. Keeping Quiet</li> <li>7. The Rattrap</li> <li>8. Aunt Jennifer's Tigers</li> <li>9. Indigo</li> </ol> </li> <li>• <b>Vistas-</b> <ol style="list-style-type: none"> <li>1. The Third Level</li> <li>2. The Enemy</li> <li>3. Should Wizard Hit Mommy</li> </ol> </li> <li>• <b>Writing-</b> <ol style="list-style-type: none"> <li>1. Notice writing</li> <li>2. Advertisement</li> <li>3. Invitations and replies</li> <li>4. Article writing</li> <li>5. Letter to the editor</li> <li>6. Letter for job application and biodata</li> </ol> </li> </ul>
<b>Chemistry</b>	<ul style="list-style-type: none"> <li>• Ch-1 Solid State.</li> <li>• Ch-2 Solutions.</li> <li>• Ch-3 Electrochemistry.</li> <li>• Ch-4 Chemical Kinetics.</li> <li>• Ch-5 Surface Chemistry.</li> <li>• Ch-9 Cordination Compounds</li> <li>• Ch-10 Haloalkanes &amp; Haloarenes.</li> <li>• Ch-11 Alcohols, Phenols &amp; Ethers.</li> <li>• Ch-12 Aldehydes, Ketones &amp; Carboxylic acids.</li> <li>• Ch-13 Amines.</li> <li>• Ch-14 Biomolecules.</li> </ul>
<b>Physics</b>	<ul style="list-style-type: none"> <li>• Unit 1-Electrostatics Chapter 1: Electric Charges and Field Chapter 2: Electrostatic Potential and Capacitance</li> <li>• Unit 2- Current electricity Chapter 3: Current Electricity</li> <li>• Unit 3-Magnetic effect of current and magnetism Chapter 4: Moving Charges and Magnetism Chapter 5: Magnetism and Matter</li> <li>• Unit 4- Electromagnetic induction and alternating current Chapter 6: Electromagnetic Induction Chapter 7: Alternating Current</li> <li>• Unit 5- Electromagnetic waves Chapter 8: Electromagnetic waves</li> <li>• Unit 6-Optics Chapter 9: Ray optics and optical instruments Chapter 10: Waves optics</li> <li>• Unit 8- Atoms and nuclei Chapter 12: Atoms Chapter 13: Nuclei</li> </ul>

<p style="text-align: center;"><b>Biology</b></p>	<ul style="list-style-type: none"> <li>• Sexual Reproduction In Flowering Plants</li> <li>• Human Reproduction</li> <li>• Reproductive Health</li> <li>• Principles Of Inheritance and Variation</li> <li>• Molecular Basis Of Inheritance</li> <li>• Human Health and Disease</li> <li>• Microbes In Human Welfare</li> <li>• Biotechnology : Principles and Processes</li> <li>• Biotechnology and its Applications</li> <li>• Organisms and Populations</li> <li>• Biodiversity and Conservation</li> </ul>
<p style="text-align: center;"><b>Accountancy</b></p>	<ul style="list-style-type: none"> <li>• NPO</li> <li>• Fundamentals of Partnership</li> <li>• Change in profit sharing Ratio</li> <li>• Admission of partner</li> <li>• Retirement of partner</li> <li>• Dissolution of Firm</li> <li>• Issue of shares</li> <li>• Issue of Debentures</li> </ul>
<p style="text-align: center;"><b>Business Studies</b></p>	<ul style="list-style-type: none"> <li>• Nature and Significance of Management</li> <li>• Principles of Management</li> <li>• Business Environment</li> <li>• Planning</li> <li>• Organising</li> <li>• Staffing</li> <li>• Directing</li> <li>• Controlling</li> <li>• Financial Management</li> <li>• Financial Market</li> </ul>
<p style="text-align: center;"><b>Economics</b></p>	<ul style="list-style-type: none"> <li>• <b>Macro Economics</b> Circular flow of Income Basic concept of macro economics National Income and related aggregates Measurement of national Income Money and Banking Aggregate demand and related concepts Income Determination and Multiplier Excess Demand and deficient demand Government budget and the economy</li> <li>• <b>Indian Economy Development</b> Indian Economy on the eve of Independence Indian Economy (1950-1990) Liberalization, Privatization and Globalization: An appraisal Poverty Human capital formation Rural development Employment Growth, Informalisation and other issues Infrastructure</li> </ul>

<b>Entrepreneurship</b>	<ul style="list-style-type: none"> <li>• Entrepreneurial Opportunity</li> <li>• Enterprise Planning</li> <li>• Enterprise Marketing</li> <li>• Enterprise Growth Strategies</li> </ul>
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>• Relations &amp; Functions</li> <li>• Inverse Trigonometric Functions</li> <li>• Matrices</li> <li>• Determinants</li> <li>• Continuity &amp; Differentiability</li> <li>• Application of Derivatives</li> <li>• Integrals</li> <li>• Application of Integrals</li> <li>• Differential Equations</li> <li>• Vector Algebra</li> </ul>
<b>Computer Science</b>	<ul style="list-style-type: none"> <li>• Ch. 1 Python Revision Tour-I</li> <li>• Ch. 2 Python Revision Tour-II</li> <li>• Ch. 3 Working with Functions</li> <li>• Ch. 4 Using Python Libraries</li> <li>• Ch. 5 File Handling</li> <li>• Ch. 9 Data Structures: Stack &amp; Queue using Lists</li> <li>• Ch.12 MySQL SQL Revision Tour</li> <li>• Ch.13 More on SQL</li> </ul>
<b>Information Practices</b>	<ul style="list-style-type: none"> <li>• Data Handling using Pandas -(Series and Data Frame), Data Visualization, Database Query using SQL</li> </ul>
<b>Physical Education</b>	<ul style="list-style-type: none"> <li>• Planning in Sports</li> <li>• Sports and Nutrition</li> <li>• Yoga and Lifestyle</li> <li>• Physical Education and Sports for CWSN (children with special need- Divyang)</li> <li>• Children and Women in Sports</li> </ul>
<b>Hindustani Music Vocal</b>	<ul style="list-style-type: none"> <li>• Rag detail of Rag Malkauns, Rag Shudh Sarang, Rag Bageshri</li> <li>• Taal- Rupak, Jhaptal, Dhamar tal,</li> <li>• Definitions... Alankar, Verna Kan, Meend, Gamak, Gram, Murchana, Aalap, Taan,</li> <li>• Dadra, Sadra,</li> <li>• Classification of Raagas</li> <li>• Detail study of the following</li> <li>• Sangeet Ratnakar</li> <li>• Sangeet Parijat</li> <li>• Life Sketch of Ustad Bade Ghulam Ali Khan</li> <li>• Ustad Faiyaz Khan</li> </ul>
<b>Fine Arts</b>	<ul style="list-style-type: none"> <li>• 1. Indian miniature painting</li> <li>• 2. The Rajasthani school</li> <li>• 3. The pahari school</li> <li>• 4. The Mughal school</li> <li>• 5. The Deccan school</li> <li>• 6. The Indian National flag and Bengal school of painting.</li> <li>• (Chapter 1_6.5)</li> </ul>