

**DAV PUBLIC/ MODEL SCHOOLS, WEST BENGAL ZONE**  
**SYLLABUS FOR SECOND PERIODIC TEST**  
**CLASS-XII**  
**SESSION- 2021-22**

SUBJECT	CHAPTERS
<b>ENGLISH</b>	Reading Skills: Comprehension Passage Writing Skills: Notice Writing & Letter to Editor Literature : Flamingo- Deep Water (Prose) An elementary school classroom in a slum (Poem) Keeping Quiet (Poem)
<b>MATHEMATICS</b>	Unit 3: 3.8 Invertible Matrices. <b>(NCERT)</b>  Unit 4 Determinants. ( Excluding properties of determinants)  <b>(NCERT)</b>  Unit 5 Continuity and differentiability (5.2 to 5.7) <b>(NCERT)</b>
<b>APPLIED MATHEMATICS</b>	<p><b>UNIT-1 NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS:</b></p> <p>Modulo Arithmetic, Congruence Modulo, Alligation and Mixture, Numerical Problems, Boats and Streams (upstream and downstream), Pipes and Cisterns, Races and Games, Partnership, Numerical Inequalities.</p> <p><b>UNIT-2 ALGEBRA</b></p> <p>Matrices and types of matrices, Equality of matrices, Transpose of a matrix, Symmetric and Skew symmetric matrix, Algebra of Matrices, Determinants, Inverse of a matrix, Solving system of simultaneous equations using matrix method, Cramer's rule and row reduction method, Simple applications of matrices and determinants including Leontief input output model for two variables.</p>
<b>PHYSICS</b>	Unit-II: Current Electricity.  Unit-III: Magnetic effects of current and Magnetism.
<b>CHEMISTRY</b>	Unit-X: Haloalkanes and Haloarenes

	Unir-XI: Alcohols, Phenols and Ethers
<b>BIOLOGY</b>	Chapter-3: Human reproduction Chapter-4: Reproductive health. Chapter-5: Principles of inheritance and variation( pedigree analysis, Mendelian disorder and Chromosomal disorder)
<b>COMPUTER SCIENCE</b>	<b>Unit I: Computational Thinking and Programming – 2:</b> <ul style="list-style-type: none"> <li>● Revision of Python topics covered in Class XI.</li> <li>● Functions</li> <li>● Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths</li> <li>● Text file operations</li> </ul>
<b>ACCOUNTANCY</b>	<b>1. CHANGE IN PROFIT SHARING RATIO</b> <b>2. ADMISSION OF PARTNER</b>
<b>BUSINESS STUDIES</b>	<b>1. BUSINESS ENVIRONMENT</b> <b>2. PLANNING</b> <b>3. ORGANISING</b>
<b>ECONOMICS</b>	<b><u>Macroeconomics:</u></b> <ol style="list-style-type: none"> <li>1. Money and Banking.</li> <li>2. Government Budget and the Economy.</li> </ol> <b><u>Indian Economic Development:</u></b> <ol style="list-style-type: none"> <li>1. Indian Economy (1950-1990)</li> <li>2. New Economic Reforms.</li> </ol>
<b>ENTREPRENEURSHIP</b>	<b>Unit 1 Entrepreneurial Opportunity</b> <b>Unit 2 Entrepreneurial Planning</b> <b>Unit 5 Business Arithmetic *</b> <b>*Concept of Unit cost and Break-even point</b>
<b>PHYSICAL EDUCATION</b>	<b>UNIT- V-CHILDREN &amp; WOMEN IN SPORTS</b> <b>UNIT-VI-TEST &amp; MEASUREMENT IN SPORTS</b>
<b>PAINTING</b>	<b>UNIT: 2- THE MUGHAL SCHOOLS OF MINIATURE PAINTING</b>

<b>WEB APPLICATION</b>	Revision of class XI (HTML, CSS, JavaScript)  Array, Function  Employability Skills( Communication, Self Management)
<b>BANKING</b>	Unit -2 Innovations in Banking Technology  Unit-3 Organisation of a Bank Branch  Employability Skills  Unit -1 Communication Skills IV
<b>POLITICAL SCIENCE</b>	<b><u>Contemporary World Politics-</u></b> Ch 2- The End of Bipolarity Ch 5- United Nations and it's Organizations (Why do we need International Organisations? Evolution of the UN; Principal Organs)  <b><u>Politics in India Since Independence-</u></b> Ch 10- Planning and Development Ch 11- Indian's Foreign Policy ( Principles of Foreign Policy; India's relations with Pakistan, Sri Lanka, China; India's Nuclear Programme)
<b>HISTORY</b>	Book-I: Theme-3: KINSHIP,CASTE AND CLASS(FULL CHAPTER)  Book-I: theme-4: THINKERS,BELIEFS AND BUILDINGS(FULL CHAPTER)
<b>GEOGRAPHY</b>	<b><u>Fundamentals of Human Geography-</u></b> CH 2- The World Population Distribution, Density and Growth(Including the map items), CH 4- Human Development <b><u>India People and Economy-</u></b> CH 4 - Human Settlement (Including the map items), CH 5 -Water Resources (Upto Lagoons and Backwaters)
<b>SOCIOLOGY</b>	Book 1-(Indian Society) Chapter-3- Social institutions: Continuity and Change Chapter-5-Patterns of Social inequality and exclusion
<b>PSYCHOLOGY</b>	Ch-1: Variations in Psychological Attributes Ch-2: Self & Personality Ch-3: Meeting Life Challenges

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