

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

| SUBJECT | CHAPTERS |
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| ENGLISH | Reading Skills : Comprehension passage Writing Skills : Notice Writing & Business letters- enquiry letter Grammar : Determiners Literature : Hornbill- We're not afraid to die(Prose) Laburnum Top (Poem) Snapshot- The summer of the beautiful white horse (Prose) |
| MATHEMATICS | <ol style="list-style-type: none"> 1. Complex number and quadratic equations. 2. Sequence and series. |
| APPLIED MATHEMATICS | <p>UNIT – 1 NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS:</p> <p>Indices, Logarithm and Antilogarithm, Laws and properties of logarithms, Simple applications of logarithm and antilogarithm, Averages, Clock, Calendar, Time work and Distance, Mensuration , Seating Arrangements.</p> <p>UNIT – 2 ALGEBRA</p> <p>Introduction to sets – definition, Representation of sets, Types of sets and their notations, Subsets, Intervals, Venn diagrams, Operations on sets, Ordered pairs, Cartesian product of two sets, Relations, Types of relations.</p> <p style="text-align: center;"><u>Sequences and Series</u> : Only Arithmetic Progression .</p> |
| PHYSICS | Unit - II: Kinematics. Unit - III: Laws of motion. |
| CHEMISTRY | Unit-II: Structure of Atom |

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| | Unit-IV: Chemical Bonding and Molecular Structure |
| BIOLOGY | Chapter -2: Biological Classification Chapter-4:Animal Classification Chapter -8:Cell-The unit of life. |
| COMPUTER SCIENCE | Unit I: Computer Systems and Organisation: <ul style="list-style-type: none"> ● Number system: ● Encoding schemes: Unit II: Computational Thinking and Programming – 1 <ul style="list-style-type: none"> ● Operators ● Expressions, statement, type conversion & input/output ● Errors ● Flow of control ● Conditional statements ● Iterative statements |
| ACCOUNTANCY | 1. VOUCHER 2. ACCOUNTING EQUATION 3. JOURNAL 4. LEDGER 5. SUBSIDIARY BOOKS (CASH BOOK, PURCHASE BOOKS, SALES BOOK, PURCHASE RETURN BOOK, SALES RETURN BOOK, JOURNAL PROPER) |
| BUSINESS STUDIES | 1. FORMS OF BUSINESS ORGANISATIONS 2. PUBLIC, PRIVATE AND GLOBAL ENTERPRISES 3. BUSINESS SERVICES |
| ECONOMICS | <u>Statistics:</u> <ol style="list-style-type: none"> 1. Collection of data (only census & sampling methods and statistical error) 2. Organisation of data. 3. Presentation of data (tabulation and diagrammatic presentation) |

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| | <p><u>Microeconomics:</u></p> <ol style="list-style-type: none"> 1. Introduction:(Only Production Possibility Frontier and opportunity cost) 2. Consumer's equilibrium (utility analysis) 3. Consumer's equilibrium --Indifference curve analysis (only concept of Indifference curve and its properties) |
| ENTREPRENEURSHIP | <p>Unit 2 An Entrepreneur</p> <p>Unit 3 Entrepreneurial Journey</p> <p>Unit 4 Entrepreneurship as Innovation and Problem Solving</p> |
| PHYSICAL EDUCATION | <p>UNIT-III -PHYSICAL FITNESS,WELLNESS AND LIFESTYLE</p> <p>UNIT- IV-PHYSICAL EDUCATION & SPORTS FOR CWSN.</p> |
| PAINTING | UNIT:2- BUDDHIST, JAIN AND HINDU ART |
| WEB APPLICATION | <p>JavaScript upto Switch case</p> <p>HTML and CSS full.</p> |
| BANKING | <p>Unit-2 Banker and Customer</p> <p>Unit-3 Employment of Bank Funds</p> <p>Employability skills</p> <p>Unit-1 Communication skills-III</p> |
| POLITICAL SCIENCE | <p><u>Indian Constitution at work-</u></p> <p>Ch 1- Constitution- Philosophy of the Constitution; Constitutional Amendments</p> <p><u>Political Theory -</u></p> <p>Ch 8 - Political Theory: An introduction</p> <p>Ch 12 - Rights</p> |

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| HISTORY | Theme-2: WRITING AND CITYLIFE(FULL CHAPTER) |
| GEOGRAPHY | <p><u>Fundamentals of Physical Geography-</u></p> <p>CH 3- Interior of the Earth,</p> <p>CH 4- Distribution of Oceans and Continents (Upto Ocean Floor Configuration)</p> <p><u>India Physical Environment-</u></p> <p>CH 2 -Drainage System (Including the map items)</p> |
| SOCIOLOGY | <p>Book 1 - (Introducing Sociology)</p> <p>Chapter 2-Terms,Concepts and their use in Sociology.</p> <p>Chapter 3- Understanding Social Institutions</p> |
| PSYCHOLOGY | <p>Ch-1: What is Psychology?</p> <p>Ch-2: Methods of Enquiry in Psychology</p> <p>Ch-3: The Bases of Human Behaviour</p> |
