

## HYE SYLLABUS CLASS:XI (2026-27)

| SUBJECT           | PORTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| CHEMISTRY         | 1. Some Basic Concepts of Chemistry, 2. Atomic Structure, 3. Periodic Classification of Elements, 4. Redox Reactions 5. Chemical Bonding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MATHS             | 1. SETS, 2. RELATION AND FUNCTION , 3. TRIGONOMETRIC FUNCTIONS , 4. COMPLEX NUMBERS, 5. LINEAR INEQUALITIES , 6. PERMUTATIONS AND COMBINATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| APPLIED MATHS     | 1. NUMBERS , 2. LOGARITHMIC AND INDICES , 3. QUANTITATIVE APTITUDE , 4. SETS AND RELATIONS, 5. SEQUENCE AND SERIES , 6. PERMUTATIONS AND COMBINATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ENGLISH           | 1. Discursive passage 10 marks,<br>2. Case based passage 8 marks<br>3. Bite making 8 marks<br>4. Classified advertisements 3 marks<br>5. Poster making 3 marks<br>6. Debate 5 marks<br>7. Speech 5 marks<br>8. Gap filling 4 marks (Tenses, Clauses)<br>9. Re ordering/ Transformation of sentences 3 marks<br>10. RTC Poetry Hornbill 3 marks<br>11. RTC Prose Hornbill 3 marks<br>12. RTC Prose Snapshots 4 marks<br>13. SAQs Hornbill 3x2<br>14. SAQ Snapshots 3x1<br>15. LAQ Hornbill 1x6<br>16. LAQ Snapshots 1x6 Chapters and Poems<br>Hornbill Prose, The portrait of a lady, We're not afraid to die, Discovering Tut<br>Snapshots Prose: The summer of the beautiful white horse , The Address , Hornbill Poems, A Photograph, The voice of the rain , The Laburnum Top |
| BIOLOGY           | 1. Living World , 2. Biological classification , 3. Plant Kingdom , 4. Animal Kingdom , 5. Structural organisation in Animal (Frog), 6. Cell: The Unit of life , 7. Biomolecules , 8. Cell Cycle and Cell Division                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| COMPUTER SCIENCE  | 1. Getting Started with python, 2. Python programming fundamentals, 3. Data handling, 4. Flow of control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ECONOMICS (MICRO) | 1. Introduction, 2. Consumer's equilibrium, 3. Demand and ED, 4. Supply and ES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| STATS             | 1. Introduction, 2. Collection of Data, 3. Organisation of Data, 4. Textual and tabular presentation, 5. Diagrammatic presentation, 6. Graphic Presentation, 7. Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| POLITICAL SCIENCE | WORKING OF THE INDIAN CONSTITUTION<br>1. Constitution: Why and how, 2. Rights in the Indian Constitution, 3. Election and Representation, 4. Executive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| POLITICAL THEORY  | 1. Introduction, 2. Liberty, 3. Equality, 4. Social Justice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SOCIOLOGY         | 1. Sociology and Society,<br>2: Terms, Concepts and their Use in Sociology, 3. Social Change and Social Order in Rural and Urban Society                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| HISTORY           | 1: Writing and City Life, 2. An Empire Across Three Continents, 3. Nomadic Empires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PHYSICS           | units and dimensions, motion in a straight line, motion in a plane, laws of motion, work energy and power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PAINTING          | 1. The elements and principle of art ,<br>2. Pre historic Rock painting, 3. Art of Indus valley civilization , 4. General introduction of art during Mauryan, Shunga, Kushana and Gupta period , 5. Art of Ajanta.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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| PHYSICAL EDUCATION        | 1. Changing Trends and Careers in Physical Education , 2. Olympism Value Education , 3. Yoga , 4. Physical Education and Sports for Children With Special Needs (CWSN), 5. Physical Fitness, Wellness and Lifestyle , 6. Test, Measurement and Evaluation                                                                                 |
| PHYSICAL ACTIVITY TRAINER | Part A<br>1. Communication Skills-III, 2. Self Management Skills-III, 3. Information and Communication Technology Skills-III<br>Part B<br>1. Role of Physical Education in Child Development , 2. Props and Equipment                                                                                                                     |
| BUSINESS STUDIES          | Business, Trade and Commerce,Forms of business organisation, Private, Public and Global enterprises, Business services, Emerging modes of business, Formation of Company                                                                                                                                                                  |
| ACCOUNTANCY               | Introduction to accounting, Basic accounting terms,Theory base of accounting and accounting standards, Bases of accounting, Accounting equation, Rules of debit and credit, Source documents, Journal, Ledger, Special purpose book - I, Special purpose book - II, Trial balance, Bank reconciliation statement, Provisions and reserves |
| MUSIC                     | राग - भीमपलासी (शास्त्रीय प्रचय, 3थायी अंश का 4र िलिप), ताल - एकताल ( शास्त्रीय प्रचय, एकगुन, दुगुन मठ तालिलिप), प्रभाषा - नाद, वृत्ति, थाट , जीवन प्रचय - पंडित विठ्ठल दिगंबर पलुर, मिर्चा तानसेन , उपद ंाल का संिा प्रचय                                                                                                                |