



# St. XAVIER'S HIGH SCHOOL

GRADE XI A (2026-2027)  
HALF YEARLY SYLLABUS

| SUBJECT     | TOPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MARKS ALLOTTED                                                                                                                                                                                      |
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| ENGLISH     | <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>Discursive Passage/Case based &amp; Note - Making</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>Tenses, Clauses, Gap Filling and Questions on Re-ordering/ Transformation of Sentences</li> <li>Writing - Advertisement, Poster Making, Speech and Debate</li> </ul> <p><b>Literature</b></p> <p><b>Hornbill (Prose)</b></p> <ul style="list-style-type: none"> <li>The Portrait of a Lady</li> <li>We are not Afraid to Die</li> <li>Discovering Tut</li> <li>The Adventure</li> </ul> <p><b>Poetry</b></p> <ul style="list-style-type: none"> <li>A Photograph</li> <li>The Laburnum Top</li> <li>The Voice of the Rain</li> <li>Childhood</li> </ul> <p><b>Snapshots</b></p> <ul style="list-style-type: none"> <li>The Summer of the Beautiful White Horse</li> <li>The Address</li> <li>Mother's Day</li> <li>Birth</li> </ul> | <ul style="list-style-type: none"> <li>Reading<br/>26 Marks</li> <li>Writing<br/>23 Marks</li> <li>Literature<br/>31 Marks</li> </ul>                                                               |
| MATHEMATICS | <ul style="list-style-type: none"> <li>Chapter 1 Sets</li> <li>Chapter 2 Relations and Functions</li> <li>Chapter 3 Trigonometric functions</li> <li>Chapter 4 Complex numbers</li> <li>Chapter 5 Linear Inequalities</li> <li>Chapter 6 Permutations and combinations</li> <li>Chapter 7 Binomial theorem</li> <li>Chapter 8 Sequence and Series</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>Unit I</b></p> <ul style="list-style-type: none"> <li>Sets and functions<br/>32 Marks</li> </ul> <p><b>Unit II</b></p> <ul style="list-style-type: none"> <li>Algebra<br/>48 Marks</li> </ul> |
| PHYSICS     | <ul style="list-style-type: none"> <li>Chapter 2 Units and measurement</li> <li>Chapter 3 Motion in a straight line</li> <li>Chapter 4 Motion in a plane</li> <li>Chapter 5 Laws of motion</li> <li>Chapter 6 Work, Energy and Power</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Chapter 2<br/>12 Marks</li> <li>Chapter 3<br/>10 Marks</li> <li>Chapter 4</li> </ul>                                                                         |

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|                           | <ul style="list-style-type: none"> <li>Chapter 8 Gravitation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                          | 12 Marks<br><ul style="list-style-type: none"> <li>Chapter 5</li> </ul> 12 Marks<br><ul style="list-style-type: none"> <li>Chapter 6</li> </ul> 12 Marks<br><ul style="list-style-type: none"> <li>Chapter 8</li> </ul> 12 Marks                                                                                             |
| CHEMISTRY                 | <ul style="list-style-type: none"> <li>Chapter 1 Some Basic concepts of Chemistry</li> <li>Chapter 2 Structure of Atom</li> <li>Chapter 3 Classification of elements and periodicity in their properties</li> <li>Chapter 4 Chemical Bonding and Molecular Structure</li> <li>Chapter 7 Redox Reactions</li> </ul>                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Chapter 1: 14 Marks</li> <li>Chapter 2: 15 Marks</li> <li>Chapter 3: 12 Marks</li> <li>Chapter 4: 16 Marks</li> <li>Chapter 7: 13 Marks</li> </ul>                                                                                                                                    |
| BIOLOGY                   | <ul style="list-style-type: none"> <li>Chapter 1 The Living World</li> <li>Chapter 2 Biological Classification</li> <li>Chapter 3 Plant Kingdom</li> <li>Chapter 4 Animal Kingdom</li> <li>Chapter 5 Morphology of Flowering Plants</li> <li>Chapter 6 Anatomy of Flowering Plants</li> <li>Chapter 7 Structural Organisation in Animals</li> <li>Chapter 8 Cell-The Unit of Life</li> <li>Chapter 14 Breathing and Exchange of Gases</li> <li>Chapter 15 Body Fluids and Circulation</li> </ul> | <ul style="list-style-type: none"> <li>Chapter 1 2 Marks</li> <li>Chapter 2 2 Marks</li> <li>Chapter 3 5 marks</li> <li>Chapter 4 5 Marks</li> <li>Chapter 5 15 Marks</li> <li>Chapter 6 6 Marks</li> <li>Chapter 7 5 Marks</li> <li>Chapter 8 10 Marks</li> <li>Chapter 14 10 Marks</li> <li>Chapter 15 10 Marks</li> </ul> |
| PHYSICAL EDUCATION THEORY | <ul style="list-style-type: none"> <li>Chapter 1 Changing trends &amp; Career in physical education</li> <li>Chapter 2 Olympic values education</li> <li>Chapter 3 Yoga</li> <li>Chapter 4 Physical education &amp; sports for CWSN</li> <li>Chapter 5 Physical fitness ,wellness and lifestyle</li> <li>Chapter 6 Test ,Measurements and Evaluation</li> </ul>                                                                                                                                  | <ul style="list-style-type: none"> <li>Chapter 1 12 Marks</li> <li>Chapter 2 12 Marks</li> <li>Chapter 3 12 Marks</li> <li>Chapter 4 11 Marks</li> <li>Chapter 5 11 Marks</li> <li>Chapter 6 12 Marks</li> </ul>                                                                                                             |
| PSYCHOLOGY THEORY         | <ul style="list-style-type: none"> <li>Chapter 1 What is Psychology?</li> <li>Chapter 2 Methods of Enquiry in Psychology</li> <li>Chapter 3 Human Development</li> <li>Chapter 4 Sensory, Attention and Perceptual Processes</li> <li>Chapter 5 Learning</li> </ul>                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Chapter 1 15 Marks</li> <li>Chapter 2 18 Marks</li> <li>Chapter 3 15 Marks</li> <li>Chapter 4 11 Marks</li> <li>Chapter 5 11 Marks</li> </ul>                                                                                                                                         |
| IP THEORY                 | <ul style="list-style-type: none"> <li>Chapter 1 Computer system</li> <li>Chapter 3 Python Programming Fundamentals</li> <li>Chapter 4 Conditional and Looping Constructs</li> <li>Chapter 5 Lists in Python</li> </ul>                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Chapter 1 16 Marks</li> <li>Chapter 3 14 Marks</li> <li>Chapter 4 20 Marks</li> <li>Chapter 5 20 Marks</li> </ul>                                                                                                                                                                     |

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| ECONOMICS | <p>Statistics</p> <ul style="list-style-type: none"> <li>• Unit 2 Collection of Data</li> <li>• Unit 3 Organisation of Data</li> <li>• Unit 4 Presentation of Data</li> </ul> <p>Microeconomics</p> <ul style="list-style-type: none"> <li>• Unit 2 Consumer's Equilibrium</li> </ul> | <p>Statistics</p> <ul style="list-style-type: none"> <li>• Unit 2<br/>10 Marks</li> <li>• Unit 3<br/>13 Marks</li> <li>• Unit 4<br/>17 Marks</li> </ul> <p>Microeconomics</p> <ul style="list-style-type: none"> <li>• Unit 2<br/>40 Marks</li> </ul> |
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Section Representative

  
Headmistress

  
Principal