

**PERIODIC TEST-II (ACADEMIC SESSION 2026-27)**  
**SYLLABUS, PAPER PATTERN, DATE-SHEET FOR XI-B SCIENCE**

Dear Parents,

You are requested to go through the following document carefully. We wish you to keep guiding and motivating your wards for the upcoming examination.

| SN | Subject                            | SYLLABUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PAPER PATTERN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | <b>PHYSICS (042)</b>               | Chapter 2 Motion in Straight Line<br>Chapter 3 Motion in plane                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Section A</b> : Multiple Choice Type Question (5x1=5)<br><b>Section B</b> : Very Short Type Question (3x2=6)<br><b>Section C</b> : Long Answer Type Question (3x3=9)<br><b>Section D</b> : Very Long Type Question (1x5=5)                                                                                                                                                                                                                                                                |
| 02 | <b>ENGLISH CORE (301)</b>          | <b>Reading Comprehension</b><br><b>Passage</b><br><b>Hornbill</b> <ul style="list-style-type: none"> <li>We are not afraid to.....together</li> <li>The Laburnum top</li> </ul> <b>Snapshots</b> <ul style="list-style-type: none"> <li>The Address</li> </ul> <b>Writing skill</b> <ul style="list-style-type: none"> <li>Advertisement</li> <li>To let</li> <li>For sale</li> </ul> <b>Grammar</b> <ul style="list-style-type: none"> <li>Rearrange the sentences</li> </ul> | <b>Section A</b> - Reading passage- (5x1=5m)<br><b>Section B</b> - Grammar and Advanced writing skills (5 m)<br>Advertisement (Situation Vacant or Situation Wanted) - 3m<br>Grammar (Tenses)- 2m<br><b>Section C</b> - Literature<br>Reference to the context- (any 1) 3m<br>Short answer type questions(Hornbill)- (any 1) 2m<br>Short answer type questions(Snapshots)- (any1) 2m<br>Long answer type questions(Hornbill)- (any 1) 4m<br>Long answer type questions(Snapshots)- (any1) 4m |
| 03 | <b>MATHEMATICS (041)</b>           | Ch 3 : Trigonometric Functions<br>Ch 4 : Complex Numbers                                                                                                                                                                                                                                                                                                                                                                                                                       | MCQ (5x1=5)<br>Very Short Answer Questions (3x2=6)<br>Short Answer type Questions (2x3=6)<br>Long Answer type Questions (1x5=5)<br>Case Based Question (1x3=3)                                                                                                                                                                                                                                                                                                                               |
| 04 | <b>BIOLOGY (044)</b>               | Ch 9: Biomolecules<br>Ch 10: Cell Cycle and cell division                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>SECTION A</b> : Multiple Choice Type Question (5x1=5)<br><b>SECTION B</b> : Very Short Type Question (3x2=6)<br><b>SECTION C</b> : Short Answer Type Question (3x3=9)<br><b>SECTION D</b> : Long Answer Type Question (1x5=5)                                                                                                                                                                                                                                                             |
| 05 | <b>CHEMISTRY(043)</b>              | Chapter 3: Classification of Elements and Periodicity in Properties                                                                                                                                                                                                                                                                                                                                                                                                            | <b>SECTION A</b> : Multiple Choice Type Question (5x1=5)<br><b>SECTION B</b> : Very Short Type Question (3x2=6)<br><b>SECTION C</b> : Short Answer Type Question (3x3=9)<br><b>SECTION D</b> : Long Answer Type Question (1x5=5)                                                                                                                                                                                                                                                             |
| 06 | <b>PHYSICAL EDUCATION (048)</b>    | Ch.3. Yoga<br>Ch.4. PE & Sports for CWSN                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Section A</b> 06 questions of 01 mark each. (6x1=6)<br><b>Section B</b> has 02 Very Short Answer type questions carrying 02 marks each. (2x2=4)<br><b>Section C</b> has 02 Short Answer type questions carrying 03 marks each. (2x3=6)<br><b>Section D</b> 01 question of 04 marks. (1x4=4)<br><b>Section E</b> 01 question of 05 marks. (1x5=5)                                                                                                                                          |
| 07 | <b>INFORMATICS PRACTICES (065)</b> | Chapter 4 Conditional and Looping Constructs<br>Chapter 5 List in Python                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Section A</b> 06 questions of 01 mark each. (1x6=6)<br><b>Section B</b> has 02 Very Short Answer type questions carrying 02 marks each. (2x2=4)                                                                                                                                                                                                                                                                                                                                           |

| SN | Subject                        | SYLLABUS                                                                                                               | PAPER PATTERN                                                                                                                                                                                                                                                                                                                                  |
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|    |                                | Chapter 6 Dictionary                                                                                                   | <b>Section C</b> has 02 Short Answer type questions carrying 03 marks each. <b>(3x2=6)</b><br><b>Section D</b> 01 question of 04 marks. <b>(4x1=4)</b><br><b>Section E</b> 01 question of 05 marks. <b>(5x1=5)</b>                                                                                                                             |
| 08 | <b>ARTIFICIAL INTELLIGENCE</b> | Unit 3 Python Programming<br>Unit 4 Introduction to Capstone<br>Unit 5 Data Literacy -Data Collection to Data Analysis | <b>Section A – Objective Type Question : Mcq (11 Marks) :</b><br>11 Out Of 14 Questions <b>(1 X11=11)</b><br><b>Section B – Subjective Type Questions (14 MARKS)</b><br><b>Part-I :</b> Short Type Question Answers. 3 out of 4 questions <b>(2x3= 6)</b><br><b>Part-II :</b> Short Type Question Answers. 2 out of 3 questions <b>(4x2=8)</b> |

| EXAMINATION DATE SHEET :XI-B SCIENCE |                 |                               |
|--------------------------------------|-----------------|-------------------------------|
| <u>DATE</u>                          | <u>DAY</u>      | <u>SUBJECT</u>                |
| 17-08-2026                           | MONDAY          | PHYSICS (042)                 |
| 18-08-2026                           | TUESDAY         | MATHS (041) / BIO (044)       |
| 19-08-2026                           | WEDNESDAY       | IP (065) / PE (048)           |
| 20-08-2026                           | THURSDAY        | ARTIFICIAL INTELLIGENCE (843) |
| 21-08-2026                           | FRIDAY          | ENGLISH CORE                  |
| 22-08-2026                           | SATURDAY        | CHEMISTRY (043)               |
| <u>12-09-2026</u>                    | <u>SATURDAY</u> | <u>PTM</u>                    |