



Freedom Valley School, Bardoli

(ACADEMIC SESSION-2026-27)

PERIODIC TEST-II

SYLLABUS, PAPER PATTERN, DATE-SHEET

CLASS-XII Sci.



Dear Parents,

Greeting from Freedom Valley School,

“The beautiful thing about learning is that nobody can take it away from you.”

Kindly note that, as per the school calendar, **Periodic Test-II** for Classes **XI & XII** will commence from **07th September 2026**.

We understand that you are eager for your child to perform well. Let us work together to encourage and guide them to prepare sincerely for these examinations.

We request you to go through the examination details carefully and extend your support to ensure your child's success.

SN.	SUBJECT & EXAM DATE	CHAPTERS/TOPICS	PAPER PATTERN
1.	Mathematics 07.09.2026 (Monday)	Chapter 5: Continuity and Differentiability Chapter 6: Application of Derivatives Chapter 7: Integrals Chapter 8: Application of Integrals	<u>This Question Paper has 5 Sections A-E.</u> <u>Section-A</u> has 20 MCQs carrying 1 mark each. <u>Section-B</u> has 5 questions carrying 02 marks each. <u>Section-C</u> has 6 questions carrying 03 marks each. <u>Section-D</u> has 4 questions carrying 05 marks each <u>Section-E</u> has 3 case based integrated units of assessment (04 marks each) with sub-parts of the values of 1, 1 and 2 marks each respectively. Total marks = 80 Marks
2.	Biology 07.09.2026 (Monday)	Ch 1 : Sexual reproduction in flowering plants Ch 2: Human reproduction Ch 3: Reproductive health Ch 4: Principles of inheritance and variation Ch 5: Molecular basis of inheritance Ch 11: Biotechnology and its principles Ch 12: Biotechnology and its applications	<u>The question paper has five sections and 33 questions.</u> <u>Section-A</u> has 16 questions of 1 mark each; <u>Section-B</u> has 5 questions of 2 marks each; <u>Section- C</u> has 7 questions of 3 marks each; <u>Section- D</u> has 2 case-based questions of 4 marks each; and <u>Section-E</u> has 3 questions of 5 marks each. Total marks = 70 Marks

3.	English 08.09.2026 (Tuesday)	Flamingo 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. My Mother at Sixty-Six 6. Keeping Quiet 7. A Thing of Beauty Vistas 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth Creative Writing Skills 1. Notice 2. Formal Letter 3. Formal Invitation – Card Format	SECTION A – READING SKILLS (22 M) Q.1. Discursive Unseen Passage (12 M) Q.2. Case Based Factual Passage (10 M) SECTION B: CREATIVE WRITING SKILLS (13M) Q. 3. One out of Two Notice Writing - 50 Words. (4M) Q. 4. One out of Two – Invitation Writing – 50 Words. (4M) Q. 5. One out of Two – Letter Writing – 120-150 Words. (5M) SECTION-C LITERATURE TEXT BOOK & SUPPLEMENTARY READING TEXT -45 M) Q. 6. One extract out of two – Flamingo Poetry (6M) Q. 7. One extract out of two – Vistas (5M) Q. 8. One extract out of two – Flamingo Prose (6M) Q. 9. Six out of Seven from Flamingo (40 to 50 words) (6x2=12M) Q. 10. Three out of Four from Vistas (40 to 50 words) (3x2=6M) Q. 11. One out of Two questions from Flamingo (120 to 150 words) (1x5=5M) Q.12. One out of Two questions from Vistas (120 to 150 words) (1x5=5M) Total marks = 80 Marks
4.	Chemistry 09.09.2026 (Wednesday)	Chapter 1 : solution Chapter 2 : Electrochemistry Chapter 3 : chemical kinetics Chapter 4 : d and f block elements Chapter 5 : Haloalkenes and Haloarenes	Section-A consists of 16 objective type questions carrying 1 mark each. Section-B consists of 5 Very Short questions carrying 02 marks each. Section-C consists of 7 Short Answer type questions carrying 03 marks each Section-D consists of 3 Long Answer type questions carrying 05 marks each. Section-E consists of 2 source-based/case-based units of assessment of 04 marks Total marks = 70 Marks

5.	Computer Science 10.09.2026 (Thursday)	8. Computer Network –I 9. Computer Network – II 1. Python Revision Tour-I 2. Python Revision Tour – II 3. Working with Functions 5. File Handling 6. Exception Handling 8. Data Structure 10. Relational Databases	<u>Section A</u> Que-1 Answer in one word or sentences. (1*18=18 marks) <u>Section B</u> Que-2 Answer the following questions. (2*7=14 Marks) <u>Section C</u> Que -3 Answer the following questions. (3*05=15 Marks) <u>Section D</u> Que-4 Answer the following questions. (5*3=15 Marks) <u>Section E</u> Que-5 Answer the following questions. (2*4=08 Marks) Total marks = 70 Marks
6.	Physical Education 10.09.2026 (Thursday)	Ch-1 sporting management Ch-2 woman & children in sports Ch-3 yoga & lifestyle Ch-4 CWSN Ch-5 sports nutrition Ch-6 test, measurement & evaluation	Section A : 1 * 18 = 18 Section B : 2* 05 = 10 Section C : 3* 05 = 15 Section D : 4* 03 = 12 Section E : 5* 03 = 15 Total marks = 70 Marks
7.	Physics 11.09.2026 (Friday)	Part-1	Section A : 1 * 16 = 16 Section B : 2* 05 = 10 Section C : 3* 07 = 21 Section D : 4* 02 = 8 Section E : 5* 03 = 15 Total marks = 70 Marks

Principal
Freedom Valley School