Freedom Valley School, Bardoli
(ACADEMIC SESSION-2024-25)
PERIODIC TEST–II
SYLLABUS, PAPER PATTERN, DATE-SHEET
CLASS–XII Sci.

Dear Parents,

Greeting from Freedom Valley School,

"The highest education is that which does not merely give us information but that makes our life in harmony with all existence."

Kindly note down, that as per the school calendar, **Periodic Test-II for Std. 11 and 12 is to start on 23.09.2024.** We know you are all really anxious for your child to do well. We extend our hand to encourage your Child to work hard. Please go through the Exam details carefully.

SN.	SUBJECT & EXAM DATE	CHAPTERS/TOPICS	PAPER PATTERN
1.	Physics 23.09.2024 (Monday)	Ch-1-Electric force & Field Ch-2-Electric pole Ch-3-Electricity Ch-4-Magnetic effect of current Ch-7-Alternating current Ch-8- Em wave Ch-14-Semiconductor	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**
2.	English 24.09.2024 (Tuesday)	**Flamingo** 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap **Poetry** 1. My Mother at Sixty-Six 2. Keeping Quiet 3. A Thing of Beauty **Vistas** 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth 4. The Enemy **Writing Skills** 1. Notice 2. Formal / Informal Invitation 3. Letter Writing 4. Report Writing	**Section A – Reading & Comprehension (22 M)** 1. Discursive unseen passage (12M) 2. Case based factual unseen passage (10M) **Section B – Creative Writing Skills (18M)** 3. Notice - one out of two (4 M) 4. Formal / Informal invitation – one out of two (4M) 5. Letter Writing – one out of two (5 M) 6. Report Writing – one out of two (5 M) **Section C – Literature (40M)** 7. 1 out of 2 (poetry extracts – Flamingo) (6 M) 8. 1 out of 2 (prose extracts – Vistas) (4 M) 9. 1 out of 2 (prose extracts – Flamingo) (6 M) 10. 5 out of 6 (Flamingo) – 40 to 50 words (5x2=10 M) 11. 2 out of 3 (Vistas)– 40 to 50 words (2x2=4 M) 12. 1 out of 2 (Flamingo) – 100 to 120 words (5 M) 13. 1 out of 2 (Vistas) – 100 to 120 words (5 M) **Total marks = 80 Marks**

3.	Computer Science 25.09.2024 (Wednesday)	1. Python Revision Tour 1 2. Python Revision Tour 2 3. Working with Functions 5. File Handling 6. Exception Handling 7. Data Structure 8. Computer Network -1 9. Computer Network -2 10 . Relational Databases	**Section A** Que-1 Answer in one word or sentences. (1*18=18 marks) **Section B** Que-2 Answer the following questions. (2*7=14 Marks) **Section C** Que -3 Answer the following questions. (3*05=15 Marks) **Section D** Que-4 Answer the following questions.(5*3=15 Marks) **Section E** Que-5 Answer the following questions.(2*4=08 Marks) **Total marks = 70 Marks**
4.	Physical Education 25.09.2024 (Wednesday)	Ch-1-Sport Event Ch-2-Children and Women in sports Ch-3-Yoga Ch-4-CWSN Ch-5-Sports and Nutrition Ch-6-Test and Measurement in Sports	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**
5.	Mathematics 26.09.2024 (Thursday)	Chapter 4 - Determinants Chapter 6 - Application of Derivatives Chapter 7 - Integrals Chapter 8 - Application of Integrals Chapter 9 - Differential Equations	**This Question Paper has 5 Sections A-E.** **Section-A** has 20 MCQs carrying 1 mark each. **Section-B** has 5 questions carrying 02 marks each. **Section-C** has 6 questions carrying 03 marks each. **Section-D** has 4 questions carrying 05 marks each **Section-E** 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**
6.	Biology 26.09.2024 (Thursday)	Ch-2-Sexual reproduction in flowering plants Ch-3-Human reproduction Ch-4-reproductive Health Ch5-Principles of inheritance and variation Ch-6-Molecular basis of inheritance Ch-8- Human Health and Diseases	**The question paper has five sections and 33 questions.** **Section–A** has 16 questions of 1 mark each; **Section–B** has 5 questions of 2 marks each; **Section– C** has 7 questions of 3 marks each; **Section– D** has 2 case-based questions of 4 marks each; and **Section–E** has 3 questions of 5 marks each. **Total marks = 70 Marks**

| 7. | Chemistry 27.09.2024 (Friday) | Chapter 6: Haloalkanes and Haloarenes

Chapter 7: Alcohols, Phenols, and Ethers

Chapter 8: Aldehydes, Ketones, and Carboxylic Acids

Chapter 9: Amines

Chapter 10: Biomolecules | **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 |

Principal
Freedom Valley School