



Freedom Valley School, Bardoli

(ACADEMIC SESSION-2025-26)

ANNUAL EXAMINATION

SYLLABUS, PAPER PATTERN, DATE-SHEET

CLASS-XI Sci.



Dear Parents,

Greetings from **Freedom Valley School, Bardoli**

"Develop a passion for learning. If you do, you will never cease to grow."

Kindly note that, as per the school calendar, the **Annual Examinations for Classes IX and XI will commence from 27.01.2026.**

We understand your concern and eagerness for your child's success. The school extends its full support and encouragement to motivate students to work diligently and prepare well for the examinations.

We request you to please go through the examination details carefully and guide your child accordingly.

SN.	SUBJECT & EXAM DATE	CHAPTERS / TOPICS	PAPER PATTERN
1.	Physics 27.01.2026 (Tuesday)	Ch-1-Physical world Ch-2-Units and Measurements. Ch-3-Motion in a Straight Line. Ch-4-Motion in a Plane. Ch-5-Laws of Motion. Ch-6-Work , Energy and Power Ch-7-System of Particles. Ch-8-Gravitation. Ch-9-Mechanical Properties of Fluids. Ch-10-Thermal Properties of Matter. Ch-11-Thermodynamics. Ch-12-Kinetic Theory. Ch-13-Oscillations. Ch-14-Waves.	(i) All questions are compulsory. (ii) The question paper has five sections and 33 questions. All questions are compulsory. (iii) 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
2.	Computer Science 29.01.2026 (Thursday)	Ch-4 Introduction to Problem Solving Ch-6 Python Fundamentals. Ch-7 Data Handling. Ch-8 Introduction to Python Modules Ch-9 Flow of Control. Ch-10 String Manipulation. Ch-11 List Manipulation. Ch-12 Tuples Ch-13 Dictionaries Ch-14 Cyber Safety Ch-15 Society, Law and Ethics	Section A :1*21 = 21 Marks Section B :2*07 = 14 Marks Section C :3*03 = 09 Marks Section D :4*04 = 16 Marks Section E :5*02 = 10 Marks Total Marks =70 Marks

3.	Physical Education 29.01.2026 (Thursday)	Full Syllabus	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
4.	English 31.01.2026 (Saturday)	<u>Hornbill:</u> <ol style="list-style-type: none"> The Portrait of a Lady (Prose) A Photograph (Poem) “We’re Not Afraid to Die... if We Can Be Together Discovering Tut: The Saga Continues The Laburnum Top (Poem) Childhood (Poem) The Adventure Father to Son (Poem) <u>Snapshots:</u> <ol style="list-style-type: none"> The Summer of the Beautiful White Horse (Prose) The Address (Prose) Mother’s Day (Play) Birth (Prose) The Tale of Melon City <u>Writing Skills</u> <ol style="list-style-type: none"> Classified Advertisement Poster Making Debate Writing Speech Writing Note Making Summary Writing <u>Grammar</u> <ol style="list-style-type: none"> Gap Filling Re-ordering/transformation of sentences 	Section – A Reading and Comprehension (26 Marks) Q. 1. Unseen Passage (Discursive) (10 Marks) Q. 2. Unseen Passage (Case based) (8 Marks) Q. 3. A. Note Making (5 Marks) Q. 3. B. Summary (50 words) (3 Marks) Section B – Grammar and Creative Writing Skills (23 Marks) Q. 4 Gap Filling (4 Marks) Q. 5 Re-ordering/transformation of sentences (3 Marks) Q. 6 Classified Advertisement (50 Words – 3 Marks) Q. 7 Poster Making (50 Words – 3 Marks) Q. 8 Speech (100-120 Words – 5 Marks) Q. 9 Debate Writing (100-120 Words – 5 Marks) Section C – Literature (31 Marks) Q. 10 One Poetry extract out of two from Hornbill. (3 Marks) Q. 11 One Prose extract out of two from Hornbill. (3 Marks) Q. 12 One Prose extract out of two from Hornbill. (4 Marks) Q. 13 Two out of four 40 to 50 words from Hornbill. (6 Marks) Q. 14 One out of Two 40 to 50 words from Snapshots. (3 Marks) Q. 15 One out of two 100-120 words from Hornbill (6 Marks) Q. 16 One out of two 100-120 words from Snapshots (6 Marks) Total marks = 80 Marks
5.	Biology 02.02.2026 (Monday)	UNIT II: Structural Organization in Plants & Animals <ol style="list-style-type: none"> Morphology of Flowering Plants Anatomy of Flowering Plants Structural Organization in Animals 	(i) All questions are compulsory. (ii) The question paper has five sections and 33 questions. All questions are compulsory. (iii) Section–A has 16 questions of 1 mark each. (iv) Section–B has 5 questions of 2 marks each.

		UNIT III: Cell: Structure and Functions <ol style="list-style-type: none"> 1. Cell: The Unit of Life 2. Biomolecules 3. Cell Cycle and Cell Division UNIT IV: Plant Physiology <ol style="list-style-type: none"> 1. Photosynthesis in Higher Plants 2. Respiration in Plants 3. Plant Growth and Development UNIT V: Human Physiology <ol style="list-style-type: none"> 1. Breathing and Exchange of Gases 2. Body Fluids and Circulation 3. Excretory Products and their Elimination 4. Locomotion and Movement 5. Neural Control and Coordination 6. Chemical Coordination and Integration 	(v) Section– C has 7 questions of 3 marks each (vi) Section– D has 2 case-based questions of 4 marks each; and (vii) Section–E has 3 questions of 5 marks each. <p style="text-align: right;">Total Marks =70 Marks</p>
6.	Mathematics 02.02.2026 (Monday)	Full Syllabus	(i) This Question Paper has 5 Sections A-E. (ii) Section A has 20 MCQs carrying 1 mark each. (iii) Section B has 5 questions carrying 02 marks each. (iv) Section C has 6 questions carrying 03 marks each. (v) Section D has 4 questions carrying 05 marks each (vi) 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 <p style="text-align: right;">Total Marks =80 Marks</p>
7.	Chemistry 04.02.2026 (Wednesday)	Ch-1-Some Basic Concepts of Chemistry. Ch-2-Structure of Atom. Ch-3-Classification of Elements and Periodicity in Properties. Ch-4-Chemical Bonding and Molecular Structure. Ch-5-Thermodynamics. Ch-6-Redox Reactions. Ch-7-Organic Chemistry – Some Basic Principles and Techniques. Ch-8-Hydrocarbons	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 2 source-based/case-based units of assessment of 04 marks Section E Consists of 3 Long Answer type questions carrying 05 marks each. <p style="text-align: right;">Total Marks =70 Marks</p>

Thank you for your continued cooperation and support.

Principal

Warm regards,
Freedom Valley School, Bardoli

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