Airport School - Ahmedabad

Syllabus and Paper Pattern (Half Yearly Exams)

Academic Session 2025-26

Class - XI (SCIENCE)

S.No.	SUBJECT	SYLLABUS	PAPER PATTERN
		HORNBILL (PROSE)	**Section -A READING (26)**
		THE PORTRAIT OF A LADY	Q1 UNSEEN PASSAGE (10MARKS)
		WE ARE NOT AFRAID TO DIE..... IF WE CAN ALL BE TOGETHER	Q2 UNSEEN PASSAGE (CASE STUDY BASED) (8 MARKS)
		DISCOVRING TUT: THE SAGA CONTINUES	Q3 NOTE MAKING AND SUMMARISING (5+3 =8 MARKS)
		(POEMS)	**Section- B GRAMMAR (7)**
		A PHOTOGRAPH	Q4 FILL IN THE BLANKS (4qx1m=4)
		THE LABURNUM TOP	Q5 REORDERING THE SENTENCE (3qx1m=3)
		VOICE OF THE RAIN	**Section- B CREATIVE WRITING SKILLS (16)**
		SNAPSHOTS	Q6 CLASSIFIED ADVRTISEMENT (1qx3m=3)
		SUMMER OF A BEAUTIFUL WHITE HORSE	Q7 CLASSIFIED ADVERTISEMENT (1qx3m=3)
1	ENGLISH	THE ADDRESS	Q8 SPEECH (1qx5m=5)
		BIRTH	Q9 SPEECH (1qx3m=5)
		GRAMMAR	**Section -C LITERATURE (31)**
		TENSES, DETERMINERS, MODALS	Q 10 REFERENCE TO CONTEXT
		REORDERING THE SENTENCES	A 1 OUT OF 2 EXTRACT FROM PROSE (HORNBILL) (3qx1m=3)
		WRITING SKILLS	B 1 OUT OF 2 EXTRACT FROM POETRY (HORNBILL) (3qx1m=3)
		CLASSIFIED ADVERTISEMENT	C 1 OUT OF 2 EXTRACT FROM PROSE (SNAPSHOT) (4qx1m=4)
		SPEECH WRITING	Q 11 2 OUT OF 4 SHORT ANSWERS(HORNBILL)(1 FROM PROSE & 1 FROM POEM) (2qx3m=6)
			Q 12 1 OUT OF 2 SHORT ANSWERS (SNAPSHOT) (1qx3m=3)
			Q 13 1 OUT OF 2 LONG ANSWERS (HORNBILL) (1qx6m=6)
			Q 14 1 OUT OF 2 LONG ANSWERS (SNAPSHOT) (1qx6m=6)
		1. Units and Measurement	
		2. Motion in straight line	**Section- A**
		3. Motion in a plane	Contains sixteen questions (12 MCQ+4 Assertion Reason) of 1 mark each.

2	**PHYSICS**	4. Laws of Motion	**Section -B**
		5. Work, Energy and Power	Contains 5 questions of two marks each. (with one internal choice)
		6. System Particles and Rotational motion	**Section -C**
			Contains 7 questions of three marks each. (with one internal choice)
			Section- D
			Contains two case study based questions of 4 marks each. (With one internal choice in each)
			Section -E
			Contains three long questions of five marks each. (with three internal choice)
3	**CHEMISTRY**	1. Some Basic Concepts of Chemistry	There are 33 questions in this question paper with internal choice.
		2. Structure of Atom	**Section-A** consist of 16 multiple choice question carrying 1 mark each [1 to 12 M.C.Q & 13 & 13 to 16 A.R.]
		3. Classification of Elements	**Section-B** consist of 5 short answer questions carrying 2 marks each.
		4. Chemical bonding till hybridisation	**Section-C** consists of 7 short answer questions carrying 3 marks each.
		7. Redox Reactions	**Section-D** consists of 2 case - based questions carrying 4 marks each.
			Section-E consist of 3 long answer questions carrying 5 marks each.
4	**MATHEMATICS**	Ch:01 Set theory	The question paper consists of **38 questions** which are divided into **5 sections A, B, C, D and E.**
		Ch:02 Relations & Functions	In **Section A**, Question nos. **1 to 18** are multiple choice questions **(MCQs)** with only one correct option and Question nos. **19 and 20** are **Assertion-Reason based** questions of **1 mark each**.
		Ch: 03 Trigonometric Functions	In **Section B**, Question nos. **21 to 25** are **Very Short Answer (VSA)-type** questions, carrying **2 marks** each.
		Ch: 04 Complex Numbers & Quadratic Equations	In **Section C**, Question nos. **26 to 31** are **Short Answer (SA)-type** questions, carrying **3 marks** each.
		Ch: 05 Linear Inequalities	In **Section D**, Question nos. **32 to 35** are **Long Answer (LA)-type** questions, carrying **5 marks** each.
		Ch: 06 Permutations and combinations	In **Section E**, Question nos. **36 to 38** are **Case study-based** questions, carrying **4 marks** each.

		Ch: 07 Binomial Theorem	There is no overall choice. However, an internal choice has been provided in **2 questions in Section B**, **3 questions in Section C**, **2 questions in Section D** and one subpart each in **2 questions of Section E**.
5	**BIOLOGY**	Chap 1: The Living World	The question paper consists of 5 sections A, B, C, D and E.
		Chap 2: Biological Classification	**Section-A** has 16 questions of one mark each. (no internal choice)
		Chap 3: Plant Kingdom	**Section-B** has 5 questions of 2 marks each. (one question with internal choice)
		Chap 4: Animal Kingdom	**Section-C** has 7 questions of 3 marks each. (one question with internal choice)
		Chap 5: Morphology of Flowering plants	**Section-D** has 2 case-based questions of four marks each. (one question with internal choice)
		Chap 6: Anatomy of Flowering plants	**Section-E** has 3 questions of 5 marks each. (each question with internal choice)
		Chap 7: Structural organisation in animals	
		Chap 8: Cell : the fundamental unit of life	
6	**COMPUTER SCIENCE**	Introduction to software, Program, Instructions.	**Section A** has 21 questions carrying 01 mark each.
		Data vs Information, Types of softwares (System softwares, Application Software, Utility software)	**Section B** has 07 Very Short Answer type questions carrying 02 marks each.
		Introduction to python, Tokens, Identifiers, Operators, Keywords, Escape Sequences	**Section C** has 03 Short Answer type questions carrying 03 marks each.
		Introduction to conditional Statement if(): elif(): else: Nested if() and its components	**Section D** has 04 Long Answer type questions carrying 04 marks each.
		Introduction to Looping system: For () in operator with for() range() with for() Reverse for() loop. working with random library	**Section E** has 02 questions carrying 05 marks each. One internal choice is given in Q35.
		While loop, while Vs. for Importance of while loop Working with while loop	
		Introduction to List. Working with the list. List functions.	