| | | Airport School - Ahmedabad | |
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| | | Syllabus and Paper Pattern (Annual Exams 2025-26) | |
| | | Academic Session 2025-26 | |
| | | Class - XI (SCIENCE) | |
| S.No. | SUBJECT | SYLLABUS | PAPER PATTERN |
| 1 | ENGLISH | **HORNBILL (PROSE)** | **Section -A READING (26)** |
| | | THE PORTRAIT OF A LADY | Q1 UNSEEN PASSAGE (CASE STUDY BASED) (10 MARKS) |
| | | 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) |
| | | THE AILING PLANET: THE GREEN MOVEMENT'S ROLE | **Section- B GRAMMAR  & WRITING SKILL (23)** |
| | | SILK ROAD | Q4 FILL IN THE BLANKS (4qx1m=4) |
| | | **HORNBILL (POETRY)** | Q5 REORDERING THE SENTENCE (3qx1m=3) |
| | | A PHOTOGRAPH | Q6 CLASSIFIED ADVERTISEMENT (1qx3m=3) |
| | | THE LABURNUM TOP | Q7 POSTER MAKING (1qx3m=3) |
| | | THE VOICE OF THE RAIN | Q8 SPEECH (1qx5m=5) |
| | | CHILDHOOD | Q9 DEBATE (1qx5m=5) |
| | | FATHER TO SON | **Section -C LITERATURE (31)** |
| | | **SNAPSHOTS** | Q10 REFERENCE TO CONTEXT |
| | | THE SUMMER OF THE BEAUTIFUL WHITE HORSE | A. 1 OUT OF 2 EXTRACT FROM POETRY (HORNBILL) (3qx1m=3) |
| | | THE ADDRESS | B. 1 OUT OF 2 EXTRACT FROM PROSE (HORNBILL) (3qx1m=3) |
| | | MOTHER'S DAY | C. 1 OUT OF 2 EXTRACT FROM PROSE (SNAPSHOT) (4qx1m=4) |
| | | BIRTH | Q11 2 OUT OF 4 SHORT ANSWERS(HORNBILL)(1 FROM PROSE & 1 FROM POEM) (2qx3m=6) |
| | | THE TALE OF MELON CITY | Q12 1 OUT OF 2 SHORT ANSWERS (SNAPSHOT)   (1qx3m=3) |
| | | **GRAMMAR & WRITING SKILLS** | Q13 1 OUT OF 2 LONG ANSWERS (HORNBILL) (1qx6m=6) |
| | | TENSE, MODALS, DETERMINERS | Q14 1 OUT OF 2 LONG ANSWERS (SNAPSHOT) (1qx6m=6) |
| | | CLASSIFIED ADVERTISEMENT, POSTER MAKING | |
| | | SPEECH | |
| | | DEBATE WRITING | |
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| 2 | PHYSICS | 1. Units and Measurement | **Section- A** |
|---|---|---|---|
| | | 2. Motion in straight line | Contains sixteen questions (12 MCQ+4 Assertion Reason) of 1 mark each. |
| | | 3. Motion in a plane | **Section -B** |
| | | 4. Laws of Motion | Contains 5 questions of two marks each. (with one internal choice) |
| | | 5. Work, Energy and Power | **Section -C** |
| | | 6. System Particles and Rotational motion | Contains 7 questions of three marks each. (with one internal choice) |
| | | 7. Gravitation | **Section- D** |
| | | 8. Mechanical Properties of Solids | Contains two case study based questions of 4 marks each. (With one internal choice in each) |
| | | 9. Mechanical Properties of Liquid | **Section -E** |
| | | 10.Thermal Properties of Matter | Contains three long questions of five marks each. (with three internal choice) |
| | | 11. Thermodynamics | |
| | | 12. Kinetic Theory | |
| | | 13. Oscillations | |
| | | 14. Waves | |

| 3 | CHEMISTRY | Chapter 1: Some basic concepts of chemistry | There are 33 questions in this question paper with internal choice. |
|---|---|---|---|
| | | Chapter 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.] |
| | | Chapter 3: Periodic classification of elements | **Section-B** consist of 5 short answer questions carrying 2 marks each. |
| | | Chapter 4: Chemical bonding | **Section-C** consists of 7 short answer questions carrying 3 marks each. |
| | | Chapter 5: Thermodynamics | **Section-D** consists of 2 case - based questions carrying 4 marks each. |
| | | Chapter 6: Equilibrium | **Section-E** consist of 3 long answer questions carrying 5 marks each. |
| | | Chapter 7: Redox reaction | |
| | | Chapter 8: Organic chemistry: Some basic principles and separation techniques | |
| | | Chapter 9: Hydrocarbons | |

| 4 | MATHEMATICS | Ch: 1 Set theory | **Section -A** |
|---|---|---|---|
| | | Ch: 2 Relations and functions | Section A contains 20 MCQs of 1 mark each including 2 Assertion-reason based questions. |
| | | Ch: 3 Trigonometric functions | **Section- B** |
| | | Ch: 4 Complex numbers and quadratic equations | Section B contains five questions of 2 marks each. (2 Questions with internal Choice) |
| | | Ch: 5 Linear inequalities | **Section- C** |
| | | Ch: 6 Permutations and combinatios | Section C contains six questions of 3 marks each. (3 Questions with internal Choice) |
| | | Ch: 7 Binomial Theorem | **Section -D** |
| | | Ch: 8 Sequences and Series | Section D contains four long questions of 5 marks each. (2 Questions with internal Choice) |
| | | Ch: 9 Straight lines | **Section- E** |
| | | Ch: 10 Conic sections | Section E contains Case study-based questions, carrying 4 marks each. (an internal choice in one subpart each in 2 questions) |
| | | Ch: 11 Introduction to three dimensional geometry | |
| | | Ch: 12 Limits and derivatives | |
| | | Ch: 13 Statistics | |
| | | Ch: 14 Probability | |

| 5 | BIOLOGY | Chap:1 The living World | Section A: 16 questions of 1 mark each.(Questions 1 to 12 MCQs and 13 to 16 Assertion & reason type.) |
|---|---|---|---|
| | | Chap:2 Biological Classification | Section B: 5 questions of 2 marks each. (1 question with internal choice) |
| | | Chap:3 Plant Kingdom | Section C: 7 questions of 3 marks each. (1 question with internal choice) |
| | | Chap:4 Animal Kingdom | Section D: 2 case based questions of 4 marks each. |
| | | Chap:5 Morphology of flowering plants | Section E: 3 questions of 5 marks each. (3 questions with internal choice) |
| | | Chap:6 Anatomy of Flowering Plants | |
| | | Chap:7 Structural Organisation in animals | |
| | | Chap:8 Cell the unit of life | |
| | | Chap:9 Biomolecules | |
| | | Chap:10 Cell Cycle and division | |
| | | Chap:11 Photosynthesis in Higher Plants | |
| | | Chap:12 Respiration in Plants | |
| | | Chap:13 Plant Growth and development | |
| | | Chap:14 Breathing and exchange of gases | |
| | | Chap:15 Body fluids and circulation | |
| | | Chap:16 Excretory products and their elimination | |
| | | Chap:17 Locomotion and Movement | |
| | | Chap:18 Neural Control and coordination | |
| | | Chap:19 Chemical Coordination and integration | |
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| 6 | COMPUTER SCIENCE | Computer Systems and Organisation | Section A :21 questions carrying 01 mark each. |
| | | Python Modules | Section B : 07  Short Answer type questions carrying 02 marks each. |
| | | String ,List, Tuples, Dictionary | Section C : 03 Short Answer type questions carrying 03 marks each. |
| | | Searching, Sorting techniques | Section D : 04 Long Answer type questions carrying 04 marks each. |
| | | Functions | Section E : 02 questions carrying 05 marks each. One internal choice is given in Q35. |
| | | Boolean Algebra | |
| | | Society Laws and Ethics. , Cyber Security | |