

D.A.V. Public School, Airoli

2022-23

Syllabus for I Preboard Examination

Std : XII

Subject	Subject Teacher	Name of the Chapters	Paper Pattern
English Core (301)	Suneeti Arora & Saba Shaikh	Reading Comprehension through UnReading Comprehension through Unseen Passage, Writing : Notice, Formal/Informal Invitation and Reply, Letters-application for a job with bio-data, Letters to the editor, Article, Report literature: The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes, The Interview, Going Places (Poetry) My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty, Aunt Jennifer's Tigers, Vistas: The Third Level, The Tiger King, Journey to the end of the Earth, The Enemy, On the Face of It seen Passage, Writing : Notice, Formal/Informal Invitation and Reply, Letters-application for a job with bio-data, Letters to the editor, Article, Report literature: The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes, The Interview, Going Places (Poetry) My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty, Aunt Jennifer's Tigers, Vistas: The Third Level, The Tiger King, Journey to the end of the Earth, The Enemy, On the Face of It	Section A: Reading comprehension Passage -20 M, Section B: Writing 20M, Section C: Literature 40M (CBSE Pattern)
Standard Maths	LATA M CHINCHALI	1) Relations and Functions. 2) Inverse trigonometric functions. 3) Matrices. 4) Determinants. 5) Continuity and Differentiability. 6) Indefinite and Definite Integration. 7) Application of Integrals. 8) Differential Equations. 9) Lpp.	SECTION A consists of 18 multiple-choice questions and 2 assertion reasoning carrying 1 mark each. SECTION B consists of 5 very short answer questions carrying 2 marks each. SECTION C consists of 6 short answer questions carrying 3 marks each. Section D has 4 questions long Answer type of 5 mark each question SECTION E consists of 3 case based, source based questions carrying 4 marks each.
Physics	GOPA PRAMANIK	1. Electric Charges and fields 2. Electrostatic Potential and Capacitance 3. Current Electricity 4. Moving charges and Magnetism 5. Magnetism and Matter 6. Electromagnetic Induction 7. Alternating Current 8. Electromagnetic Waves 9. Ray Optics and Optical Instruments 10. Wave Optics 11. Dual nature of Radiation and Matter 12. Atoms 13. Nuclei	SECTION A consists of 18 multiple-choice questions carrying 1 mark each. SECTION B consists of 7 questions carrying 2 marks each. SECTION C consists of 5 questions carrying 3 marks each. SECTION D consists of 3 long answer questions carrying 5 marks each. SECTION E consists of 2 case-based questions carrying 4 marks each.
Chemistry	BALVINDER CHUMBER	1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. d and f block elements 5. Coordination compounds 6. Haloalkanes and Haloarenes 7. Alcohols, Phenols and Ethers 8. Aldehydes, Ketones and Carboxylic Acids 9. Amines	SECTION A consists of 18 multiple-choice questions carrying 1 mark each. SECTION B consists of 7 very short answer questions carrying 2 marks each. SECTION C consists of 5 short answer questions carrying 3 marks each. SECTION D consists of 2 case-based questions carrying 4 marks each. SECTION E consists of 3 long answer questions carrying 5 marks each.

Biology		<ol style="list-style-type: none"> 1. Principles of Inheritance and Variation. 2. Molecular Basis of Inheritance. 3. Evolution. 4. Human Health and Diseases. 5. Microbes in Human Welfare. 6. Biotechnology and Its Processes. 7. Biotechnology and Its Application 	<p>Section–A -16 questions of 1 mark each (MCQ - 12 and A/R - 4);</p> <p>Section–B - 5 questions of 2 marks each;</p> <p>Section– C - 7 questions of 3 marks each;</p> <p>Section– D - 2 case-based questions of 4 marks each; and</p> <p>Section–E - 3 questions of 5 marks each</p>
Computer Science	Manisha Desai	<ol style="list-style-type: none"> 1. Python Revision Tour I 2. Python Revision Tour II 3. Functions 4. Python Libraries & Modules 5. File Handling 6. Database concepts 7. SQL Programming 	<p>Section A - 18 Q (1m).</p> <p>Section B - 7 VSA Q (2m).</p> <p>Section C - 5 SA Q (3m)</p> <p>Section D - 3 LA Q (5M)</p> <p>Section E - 2 Q (4M)</p> <p>Internal choice will be given in some questions only.</p>
Physical Education	Suniti Jadhav	<ol style="list-style-type: none"> 1 Management of sporting event. 2. Children & women in sports. 3. Yoga as preventive measures 4. PE & Sports for CWSN . 5. Sports & Nutrition. 6. Test & Measurement 7. Physiology & Injuries in Sports 8. Biomechanics & Sports 9. Psychology & Sports 	<p>Section-A 1m -18Q. , Section-B 2m question -5Q,</p> <p>Section-C 3m -5Q, Section-D 4m-4Q, Section-E 5m -3Q</p>

Principal