

**Agashi Virar Arnala Education Society's
N. G. Vartak English Medium High School and Junior College
XII Science**

Date: July 6, 2024

ExamWise Syllabus Details					
Tentative Dates of Examination					
I Unit Test-22nd August, 23rd August, 24th August 2024					
I Semester-21st October to 26th October 2024					
Preliminary Exam -6th January to 11th January 2025					
Preliminary Practical Exam & ABT-13th January to 20th January 2025					
Sr. No.	Name of the Teacher	Subject	Portion		
			I Unit Test	I Semester	Prelims
1	Mrs. Jessel Kajar	English	<u>*Prose</u>	<u>*Prose</u>	Entire Portion
			1.3 The Cop and the Anthem	1.5 The New Dress	<u>* Writing Skill</u>
			1.4 Big Data Big Insights	1.6 Into the Wild	Blog Writing
			<u>*Poetry</u>	<u>*Poetry</u>	Email Writing
			2.3 The Inchcape Rock	2.5 Father Returning Home	Interview
			2.4 Have You Earned Your Tomorrow	2.6 Money	Review
			3.5 Drafting a Virtual Message	2.4 Have You Earned Your Tomorrow	Appeal
			3.2 Mind Mapping	3.1 Summary	Expansion of Ideas
			* Novel (Sec - 4)	3.2 Mind Mapping	Report
			4.2 To sir, with Love	3.4 Statement of Purpose	Compereing
			Grammar - Tenses, Change the voice	3.5 Drafting a Virtual Message	
				4.1 History of Novel	
				4.2 To Sir With Love	
				4.3 Around the World in Eighty Days	
				Grammar- Degree of Comparison	
				Affirmative to Negative	

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			I Unit Test	I Semester	Prelims
				Not Only But Also, As Well As, Tenses	
2	Mr. Anthony Selvan Nadar	Physics	Chpt 1. Rotational Dynamics	Chpt 1. Rotational Dynamics	Entire Portion
			Chpt 3. Kinetic Theory of Gases and Radiation	Chpt 2. Mechanical Properties of Fluids	
			Chpt 6. Superposition of Waves	Chpt 3. Kinetic Energy of Gases and Radiations	
				Chpt 5. Oscillations	
				Chpt 6. Superposition of Waves	
				Chpt 8. Electrostatics	
				Chpt 9. Current Electricity	
				Chpt 13. Electromagnetic Induction	
				Chpt 14. Dual Nature of Radiation and Matter	
3	Mrs. Hemangi Sawant	Chemistry	Chpt 2. Solution	Chpt 1. Solid State	Entire Portion
			Chpt 3. Ionic Equilibria	Chpt 2. Solution	
			Chpt 15. Introduction to Polymer Chemistry	Chpt 3. Ionic Equilibria	
				Chpt 4. Chemical Thermodynamics	
				Chpt 10. Halogen Derivatives	
				Chpt 11. Alcohol, Phenol and Ether	
				Chpt 16. Green Chemistry and Nano Chemistry	
4	Mr. Anthony Selvan Nadar	Mathematics	<u>Maths 1</u>	<u>Maths 1</u>	Entire Portion
			Chpt 1. Mathematical Logic	Chpt 1. Mathematical Logic	
			<u>Maths 2</u>	Chpt 2. Matrices	
			Chpt 1. Differentiation	Chpt 5. Vectors	
			Chpt 8. Binomial Distribution	Chpt 7. Linear Programming Problem	
				<u>Maths 2</u>	
				Chpt 1. Differentiation	
				Chpt 2. Application of Derivates	
				Chpt 7. Probability Distribution	

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			I Unit Test	I Semester	Prelims
				Chpt 8. Binomial Distribution	
5	Mr. Vrushabh Khulatkhar	Geography	Chpt 1. Population - Part I	Chpt 1. Population - Part I	Entire Portion
			Chpt 2. Population - Part II	Chpt 2. Population - Part II	
			Chpt 3. Human Settlement and Land Uses	Chpt 3. Human Settlement and Land Uses	
				Chpt 4. Primary Economic Activities	
				Chpt 5. Secondary Economic Activities	
				Chpt 6. Tertiary Economic Activities	
6	Mr. Vrushabh Khulatkhar	Biology	Chpt 3. Inheritance and Variation	Chpt 1. Reproduction in Higher and Lower Plants	Entire Portion
			Chpt 8. Respiration and Circulation	Chpt 2. Reproduction in Higher and Lower Animals	
			Chpt 11. Enhancement of Food Production	Chpt 3. Inheritance and Variation	
			Chpt 13. Organisms and Populations	Chpt 6. Plant Water Relation	
				Chpt 7. Plant Growth and Mineral Nutrition	
				Chpt 8. Respiration and Circulation	
				Chpt 11. Enhancement of Food Production	
				Chpt 13. Organisms and Populations	
				Chpt 14. Ecosystems and Energy Flow	
7	Mrs. Unnati Churi	Computer Science I	Chpt 2. Data Structure	Chpt 2. Data Structure	Entire Portion
			Chpt 4. HTML	Chpt 3. C++	
				Chpt 4. HTML	
8	Mr. Rajdev	Computer Science II	Chpt 1. Introduction to Microprocessor and Organization of 8085	Chpt 1. Introduction to Microprocessor and Organization of 8085	Entire Portion
				Chpt 2. Instruction Set and Programming of 8085	
9	Mrs. Unnati Churi	Information Technology	Chpt 1. Advanced Web Designing	Chpt 1. Advanced Web Designing	Entire Portion
			Chpt 2. Introduction to SEO	Chpt 3. Advanced Javascript	

Sr. No.	Name of the Teacher	Subject	Portion		
			I Unit Test	I Semester	Prelims
				Chpt 4. Emerging Technologies	
				Chpr 6. E - Commerce and E - Governance	
10	Mrs. Jidnyasa Jadhav	Hindi	गद्य - २ निराला भाई	गद्य - ६ पाप के चार हथीयार	पूरा पाठ्यक्रम
			४ आदर्श बदला	८ सूनी किशोरी	
			पद्य - १ नवनिर्माण	पद्य - ५ वृंद के दोहे, गुरुबानी	
			३ सच हम नहीं; सच तुम नहीं	७ पेड होने का अर्थ	
			व्यवहारीक हिंदी - १५ फीचर लेखन	विशेष अध्ययन हेतु - १३ कनुप्रिया	
			व्याकरण - रस	व्यवहारीक हिंदी - फीचर लेखन, में उदघोषक	
				व्याकरण - रस , अलंकार , काल, वाक्य शुद्ध करके लिखिए। , मुहावरे	
11	Mrs. Sheetal Vartak	Marathi	गद्य -३.आयुष्य आनंदाचा उत्सव	गद्य पद्य - भाग एक पूर्ण	पूर्ण पाठ्यक्रम
			पद्य - ४. रे थांब जरा आषाढ घना	कथा साहित्यप्रकार परिचय १.शोध	
			साहित्यप्रकार - कथा - परिचय	उपयोजित मराठी - २.माहितीपत्रक	
			उपयोजित मराठी - २.माहितीपत्रक	३.अहवाल	
			व्याकरण - १.वाक्य रूपांतर	व्याकरण - १.वाक्य रूपांतर	
			२.वाक्यप्रचार	२.समास	
				३. प्रयोग	
				४.वाक्यप्रचार	