

**P.S.SENIOR SECONDARY SCHOOL
SYLLABUS FOR QUARTERLY EXAM 2024**

| SUBJECT | CLASS IX | CLASS X |
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| ENGLISH | <p>Prose- The Fun they Had, The Sound of Music(part I&II), The Little Girl, A Truly Beautiful Mind, My Childhood; Poem- The Road Not Taken, Wind, Rain on the Roof, The Lake Isle of Innisfree, A Legend of Northland; Supplementary Reader- The Lost Child, The Adventures of Toto, Iswaran the Storyteller, In the Kingdom of Fools; Grammar- Determiners, Verb, Tenses, Modals, Subject-Verb Agreement; Writing- descriptive paragraph (person, place), Story Writing</p> | <p>Prose: A Letter to God, Nelson Mandela..., His First Flight, The Black Aeroplane, Glimpses of India, From the Diary of Anne Frank. Poem : Fire and Ice, Dust of Snow, A Tiger in the Zoo, Amanda, How to tell wild animals, The Ball Poem. S.Reader : A Triumph of Surgery, The Thief's Story, The Midnight visitor, Footprints without feet, The making of a scientist, A question of trust, The necklace. Writing : Letter Writing and Analytical Paragraph. General grammar. Letter Writing: 1) Letter to the Editor 2) Letter of Enquiry 3) Letter placing order 4) Situation based letter</p> |
| MATHS | <p>1)HERON'S FORMULA 2)CO-ORDINATE GEOMETRY 3)LINEAR EQUATIONS IN TWO VARIABLES 4)INTRODUCTION TO EUCLID GEOMETRY 5)LINES AND ANGLES 6)NUMBER SYSTEM 7)TRIANGLES 8)STATISTICS</p> | <p>1. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES 2. TRIANGLES 3. ARITHMETIC PROGRESSION 4. PROBABILITY 5. INTRODUCTION TO TRIGONOMETRY 6. APPLICATION OF TRIGONOMETRY 7. POLYNOMIALS 8. QUADRATIC EQUATIONS 9. CIRCLES 10. AREAS RELATED TO CIRCLES</p> |
| SOCIAL SCIENCE | <p>History 1.French Revolution 2.Socialism Democratic Politics 3.What is democracy? Why democracy? 4.Constitutional design 5.Electoral Politics Geography 6. India size and location 7. Physical features of India 8. Drainage Economics 9. Story of Palampur 10. People as resource Maps French Revolution India size and location Physical features Drainage</p> | <p>History: 1.The Rise of Nationalism in Europe 2. Nationalism in India 3. The Making of a Global World Democratic Politics: 4. Power-Sharing 5. Federalism 6. Gender, Religion & Caste Geography: 7. Resource & Development 8. Forest and Wildlife Resources 9. Water Resources 10. Agriculture 11. Minerals & Energy Resources Economics: 12. Development 13. Sectors of the Indian Economy 14. Money and Credit</p> |

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| <p>SCIENCE</p> | <p>Physics :Chapter 7 -Motion Chapter 8 - Force & Laws of Motion Chapter 9 - Gravitation (Upto page no :102)</p> <p>Chemistry:chapter 1-Matter in our surroundings chapter 2- Is matter around us pure? chapter 3- Atoms and molecules upto Law of constant proportion (pg no.27)</p> <p>Biology: 1. The fundamental unit of life. 2. Tissues Up to Complex permanent tissue (pg 64)</p> | <p>Physics : 01. Light reflection and refraction 02. Human eye and colourful world 03. Electricity upto resistors connected in series and parallel (upto page no. 188) .</p> <p>CHEMISTRY: Chapter 1: Chemical Reactions and Equations Chapter 2: Acids, Bases and Salts, Chapter 3: Metals and Non-metals, Chapter 4: Carbon and it's compounds (upto page 61)</p> <p>Biology : 1. Life processes 2. Control and coordination 3. How do organisms reproduce? ... Up to spore formation (pg 119)</p> |
| <p>TAMIL</p> | <p>இயல் 1,2,3 முழுவதும்</p> | <p>இயல் 1,2,3 முழுவதும்</p> |
| <p>HINDI</p> | <p>गद्य-दुःख का अधिकार, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि पद्य-रैदास, रहीम के दोहे, अग्निपथ संचयन- गिल्लू व्याकरण-शब्द, पद, अनुस्वार, अनुनासिक, उपसर्ग, प्रत्यय, अर्थ के आधार पर वाक्य-भेद, विराम चिह्न लेखन- अनुच्छेद, अनौपचारिक पत्र, संवाद, चित्र वर्णन।</p> | <p>गद्य- बड़े भाई साहब, डायरी का एक पन्ना, ततारा वामीरो कथा, तीसरी कसम के शिल्पकार: शैलेंद्र पद्य- साखी-कबीर, मीरा के पद, मनुष्यता, पर्वत प्रदेश में पावस संचयन- हरिहर काका व्याकरण-पदबंध, समास, रचना के आधार पर वाक्य-भेद, मुहावरे लेखन- विज्ञापन, सूचना लेखन, ईमेल लेखन या लघु कथा लेखन, औपचारिक पत्र, अनुच्छेद लेखन।</p> |
| <p>SANSKRIT</p> | <p>Lesson 1 to 4. लट् लोट् लृट् लकारः। क्त्वा ल्यप् प्रत्ययः। दीर्घ गुण वृद्धि यण् सन्धिः। उपसर्गः शब्दाः। अन्य व्याकरणांशाः।</p> | <p>Lesson 2,4,5,6,7 समासः-तत्पुरुष; द्वन्द्वःच। विसर्ग सन्धिःपूर्णम्। टाप्, डीप्, त्व, तल्, मतुप् प्रत्ययाः। वाच्यम्। समयः। अव्ययम्। अन्य व्याकरणांशाः।</p> |

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| <p>ARTIFICIAL INTELLIGENCE</p> | <p>Subject specific skills Introduction to Artificial Intelligence AI Project Life Cycle-Problem Scoping, Data Acquisition,Data Exploration,Modeling, Evaluation. Introduction to Python:Variables,Arithmetic operators, Relational operators,Input function,type()function Employability Skills:Communication skills, Self management skills</p> | <p>Subject specific skills: 1. Introduction to Artificial Intelligence 2. AI project cycle 3. Data Science 4. Computer Vision Employability skills 1. Communication skills 2. Self management skills 3. ICT skills</p> |
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