STEM SCHOOL
VIDYA NAGAR - GUNTUR
Affiliated to ICSE, New Delhi | Affiliation No : AP116

PRE FINAL-1 EXAMINATION - 2024 - 2025 SCHEDULE & SYLLABUS

CLASS: X

S.NO	DATE OF EXAM/DAY	MAX MARKS	TIMINGS	SUBJECT	SYLLABUS
1	20-01-2025 Monday	80	10:45 am to 1:00 pm	English-I	Debate, picture composition, Story writing, Descriptive and Narrative writing, letter writing, Notice and Email, Unseen paragraph, Grammar-Tenses, preposition, questions tags, modals, if conditionals, unless, no sooner than, too...to/ so that, synthesis of sentences and transformations of sentences and other completed grammar
2	21-01-2025 Tuesday	80	10:45 am to 1:00 pm	English-II	Drama- Julius Caesar Act 3,4 and 5 1.With the Photographer –Stephen Leacock 2. The Elevator – William Sleator 3. The Girl Who Can – Ama Ata Aidoo 4. The Pedestrian – Ray Bradbury 5. The Last Lesson – Alphonse Daudet POETRY: 1. Haunted Houses – H.W. Longfellow 2. The Glove and the Lions – Leigh Hunt 3. When Great Trees fall – Maya Angelou 4. A Considerable Speck – Robert Frost 5. The Power of Music – Sukumar Ray
3	22-01-2025 Wednesday	80	10:45 am to 1:00 pm	History /Civcics	**History:** I. The Indian National Moment (1857-1917) II. Mass Phase of the national movement(1915-1947) III. The contemporary World **Civics:** I. The Union Legislature ; II. The Union Executive III. The Judiciary
4	23-01-2025 Thursday	80	9:45 am to 1:00 pm	Mathematics	1. Goods and Services Tax (G.S.T.); 2. Banking 3. Shares and Dividends; 4. Linear Inequations 5. Quadratic Equations in One Variable 6. Problems based on Quadratic Equations 7. Ratio and Proportion; 8. Remainder and Factor theorem 9. Matrices; 10. Arithmetic Progression 11. Geometric Progression ; 12. Reflection 13. Section and Mid- point Formula 14. Equation of a Straight Line 15. Similarity ; 16. Similarity of Triangles 17. Loci ; 18. Angle and Cyclic properties of a Circle 19. Tangent properties of Circles 20. Constructions ; 21. Mensuration 22. Trigonometric Identities; 23. Heights and Distance 24,25 & 26. Statistics ; 27. Probability
5	24-01-2025 Friday	80	10:45 am to 1:00 pm	Geography	1. Interpretation of Topographical Maps-I 2. Interpretation of Topographical Maps-II 3. Location, Extent and Physical features of India (Through Maps Only) 4. Climate of India ; 5. Soil Resources in India 6. Natural Vegetation ; 7. Water Resources 8. Mineral and Energy Resources-I ; 9. Mineral and Energy Resources-II 10. Agriculture in India - I Introduction 11. Agriculture in India - II Food Crops 12. Agriculture in India - III Cash Crops 13. Manufacturing Industries in India-I (Agro Based) 14. Mineral Based Industry ; 15.Transport 16. Waste Management- Impact of waste accumulation 17. Waste Generation and Management- Methods of safe Disposal of waste
6	25-01-2025 Satuday	100	10:45 am to 1:00 pm	Computer	1. Revision of Grade- IX 2. Revision of Grade - IX (Conditionals) 3. Class as the Basis of all Computation 4. User Defined Methods ; 5. Constructors 6. Library Classes ; 7. Encapsulation 8. Arrays ; 9. String Handling

7	27-01-2025 Monday	80	10:45 am to 1:00 pm	Physics	Le:-1:Force ; Le:-2:Work,Energy & Power Le:-3:Machines Le:-4:Refraction Of Light At Plane Surfaces Le:-5:Refraction Through A Lens Le:-6:Spectrum ; Le:-7:Sound ; Le:-8:Current Electricity Le:-9:Household Circuits ; Le:-10:Electromagnetism Le:-11:Calorimetry ; Le:-12:Radioactivity
8	28-01-2025 Tuesday	80	10:45 am to 1:00 pm	Chemistry	Le:01 Periodic Properties and variations of properties Le:02 Chemical Bonding; Le:03 Study of Acids, Bases and Salts Le: 04 Analytical Chemistry Le: 05 Mole Concept & Stoichiometry Le: 06 Electrolysis ; Le: 07 Metallurgy Le: 08 Hydrogen Chloride ; Le: 09 Ammonia Le: 10 Nitric Acid ; Le: 11 Sulphuric Acid Le: 12- Organic Chemistry ; Le: 13 - Practical Work
9	29-01-2025 Wednesday	80	9:45 am to 1:00 pm	II Language Telugu	**పద్యభాగం :** విదురనీతి, స్నేహ ధర్మము,అతిథి సేవనము, పారిజాత ప్రసూనము, హితోపదేశం, శతక మంజరి, కృషివలుడు,మానవత్వం,మాతృ మందిరం, నేనంటాను. **గద్యభాగం :**ఇంద్రద్యుమ్ను ని సముద్ర ప్రయాణం, సీతాన్వేషణ, తాపీ మేస్త్రి, అప్పుడు పుట్టి ఉంటే, ఒక చీమ కథ, స్వాతంత్రోద్యమం నేపథ్యంలో ప్రబోధ గీతాలు, ఉగాదులు ఉషస్సులు, భాషా శైలి రచనా బేధాలు, రిక్త హస్తములు, సంస్కృతి, లేఖలు,వ్యాసాలు, వ్యాకరణాంశాలు.
				Hindi	1. बात अठन्नी की सुदर्शन ; 2. काकी सियारामशरण गुप्त 3. महायज्ञ का पुरस्कार यशपाल ;4. नेताजी का चश्मा स्वयं प्रकाश 5. अपना-अपना भाग्य जैनेंद्र कुमार ;6. बड़े घर की बेटी प्रेमचंद 7. संदेह जयशंकर प्रसाद 8. भीड़ में खोया आदमी लीलाधर शर्मा पर्वतीय 9. भेड़ें और भेड़िए हरिशंकर परसाई 10. दो कलाकार मन्नू भंडारी **पद्य भाग** 1. साखी कबीरदास 2. गिरिधर की कुंडलियाँ गिरिधर कविराय 3. स्वर्ग बना सकते हैं रामधारी सिंह 'दिनकर' 4. वह जन्मभूमि मेरी सोहनलाल द्विवेदी 5. मेघ आए सर्वेश्वर दयाल सक्सेना 6. सूर के पद सूरदास ; 7. विनय के पद तुलसीदास 8. भिक्षुक सूर्यकांत त्रिपाठी 'निराला' 9. चलना हमारा काम है शिवमंगल सिंह 'सुमन' 10. मातृ मंदिर की ओर सुभद्रा कुमारी चौहान *निबंध लेखन, पत्र लेखन* *चित्र पर आधारित प्रस्ताव लेखन/ कहानी लेखन*
10	30-01-2025 Thursday	80	10:45 am to 1:00 pm	Biology	1. Basic Biology. ; 2. Plant Physiology 3. Human Anatomy And Physiology. 4. Human Evolution. ; 5. Population. 6. Pollution.

Regards,
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