

R.E.D. Group of Schools
Syllabus for Entrance Test (Session : 2024-25)

Instructions :

- 1) Time duration of test is 1:30 Hr for all subjects.
- 2) Each Subject carries 20 marks.
- 3) Candidate should bring his/her geometry box (Pen/Pencil, Eraser, Sharpener, Scale etc.) along with Card Board.

Class	English	Maths	Science
IX	<p>1. Reading Skills : Questions based on given text to check Comprehension skills.</p> <p>2. Writing Skills : Creative Writing based on letter writing and article writing, Diary Entry</p> <p>Grammar:- To check application of conventional rules of the following topics : Narration, Prepositions and Integrated Grammar, Modals. Change of Voice, Subject Verb Agreement</p> <p>Vocabulary: Synonym, Antonym & One word substitutions</p>	<ul style="list-style-type: none"> * Comparing quantity * Algebraic expression and identities * Square and Square roots * Mensuration * Direct and inverse proportion * Introduction to graph 	<ul style="list-style-type: none"> * Combustion & Flame * Reproduction in Animals * Chemical Effect of Electric current * Force & Pressure * Light * Micro Organisms * Coal and Petroleum * Friction * Crop Production and Management
Class	English	Maths	Science
X	<p>1. Reading Skills : Questions based on given text to check Comprehension skills.</p> <p>2. Writing Skills : Creative Writing based on letter writing and article writing.</p> <p>Grammar:- To check application of conventional rules of the following topics : Modals, Prepositions and integrated grammar, Tenses, Subject verb agreement, Narration.</p> <p>Vocabulary: Synonym, Antonym & One word substitutions</p>	<ul style="list-style-type: none"> * Questions based on Linear Equation in two Variable. * Questions related to Geometry : lines and angles * Circle * Number System * Polynomials * Triangles(Congruence of Triangles), Heron's Formula * Questions related to Mensuration: Surface area and Volume. 	<ul style="list-style-type: none"> * Is Matter Around Us Pure except separation techniques * Atoms & Molecules except mole concept * Structure of The Atom * The Fundamental Unit of Life * Tissue * Motion * Force & Laws of Motion * Work, Energy & Power * Sound * Improvement in food resources
Class	English	Maths	Science
XI	<p>1. Reading Skills : Questions based on given text to check Comprehension skills.</p> <p>2. Writing Skills : Creative Writing based on letter writing and article writing.</p> <p>Grammar:- To check application of conventional rules of the following topics : Tenses, Change of voice, Nominalisation Narration, Modals, Preposition, Subject verb agreement</p> <p>Vocabulary: Synonym, Antonym & One word substitutions</p>	<ul style="list-style-type: none"> * Questions related to Arithmetic Progression (A.P.) * Co – ordinate Geometry. * Questions related to Probability. * Questions related to Geometry : Circle. * Questions related to Algebra: Quadratic equation. * Questions related to Mensuration: Area Related to Circle * Surface area and volume (Cube, Cuboid, Cylinder, Cone, Sphere & Hemisphere) * Real Number * Polynomials * Pair of Linear Equations in two Variables * Statistics * Introduction to Trigonometry * Triangles * Some Application of Trigonometry 	<ul style="list-style-type: none"> * Questions from Chemical Reactions & Equations * Acids, Bases and Salts * Carbon & Its Compounds * Life Processes, Basic Concept of Nutrition, Respiration, Transport and Excretion in Plants and Animals. * Heredity * Light - Reflection & Refraction * Electricity * Metals & Non-Metals * The Human eye and the colourful world. * How do organisms reproduce?