

Syllabus for Entrance Test (Session : 2026-27)

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, Adverb</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 • Rational Number 	<p>Chemistry :</p> <ul style="list-style-type: none"> • Combustion & Flame • Chemical Effect of Electric current <p>Physics :</p> <ul style="list-style-type: none"> • Force & Pressure • Light • Coal and Petroleum • Sound • Friction <p>Biology :</p> <ul style="list-style-type: none"> • Micro Organisms • Reproduction in Animals • Crop Production and Management • Reaching ther age of adoloscence
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. 	<p>Chemistry :</p> <ul style="list-style-type: none"> • Is Matter Around Us Pure (except separation techniques) • Matter in our surroundings. • Atoms & Molecules (except mole concept) • Structure of The Atom <p>Biology :</p> <ul style="list-style-type: none"> • The Fundamental Unit of Life • Tissue • Improvement in food resources <p>Physics :</p> <ul style="list-style-type: none"> • Motion • Force & Laws of Motion • Work, Energy & Power • Sound
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 Geomery : 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 	<p>Chemistry :</p> <ul style="list-style-type: none"> • Chemical Reactions & Equations • Acids, Bases and Salts • Carbon & Its Compounds • Metals & Non-Metals <p>Biology :</p> <ul style="list-style-type: none"> • Life Processes, Basic Concept of Nutrition, Respiration, Transport and Excretion in Plants and Animals. • Heredity • How do organisms reproduce? • Our Environment <p>Physics :</p> <ul style="list-style-type: none"> • Light - Reflection & Refraction • Electricity • The Human eye and the colourful world. • Magnetic Effect of Electric Current