

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	Physics	Chemistry	Maths/Biology
XII-Sc	Unit and Measurements Kinematics NLM WEP Rotational Motion Gravitation Properties of Matter Thermodynamics KTG Oscillation & Waves	Some basic concepts of chem. Structure of Atom, classification of Elements and Periodicity in Properties, Chemical bonding and molecular Structure, Thermodynamics, Equilibrium, organic chemistry. Some Basic Principles & Techniques, Hydrocarbons.	Math – Set, Relation, Function, Trigonometry, Quadratic Equation, Complex number, Sequence and Series, P & C, Linear inequalities, Straight lines, Circles, Conic, Statistics, Probability, 3-D Geometry, Derivative Biology – Biological classification, Plant Kingdom, Animal Kingdom, Biomolecules, Photosynthesis, Respiration in plants, Human Physiology, Plant Physiology
Class	English	Accounts	Economics
XII-Com.	Grammar concepts Writing Skills and Literature of previous class Adjective, Noun, Adverb Poetic devices Literature of 10th class Letter to the Editor	<ul style="list-style-type: none"> • Basic Terminology of Accounts • Types of Accounts • Concept & Convention of Accounting • Financial Statement with adjustment	Basic concepts of Micro Economics & Production function, cost, Revenue, Demand & Supply and Elasticity & central tendency (Mean, Median & Mode)
Class	English	Economics	Pol.Sc./ Maths
XII-Arts	Grammar concepts Writing Skills and Literature of previous class Adjective, Noun, Adverb Poetic devices Literature of 10th class Letter to the Editor	Basic concepts of Micro Economics & Production function, cost, Revenue, Demand & Supply and Elasticity & central tendency (Mean, Median & Mode)	<u>Political Science</u> Basic Concepts from (Ch.- 1,2) – Constitution – Fundamental Rights – DPSP – PR & FPTP <u>Mathematics</u> Set, Relation, Function, Trigonometry, Quadratic Equation, Complex number, Sequence and Series, P & C, Linear inequalities, Straight lines, Circles, Conic, Statistics, Probability, 3-D Geometry