

R.E.D. Group of Schools
Syllabus for Entrance Test (Session : 2023-24)

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, S-Block elements, organic chemistry. Some Basic Principles & Techniques. | 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 from consumer's Equilibrium & 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 from consumer's Equilibrium & Production function, cost, Revenue, Demand & Supply and Elasticity & central tendency (Mean, Median & Mode) | Political Science Basic Concepts from (Ch.- 1,2) – Cold war – NAM – Disintegration of USSR – Challenges of Nation Building. Mathematics Set, Relation, Function, Trigonometry, Quadratic Equation, Complex number, Sequence and Series, P & C, Linear inequalities, Straight lines, Circles, Conic, Statistics, Probability, 3-D Geometry |