

# R.E.D. Group of Schools

## Syllabus for Entrance Test (Session : 2017-18)

Class	M. M. 20 English TIME : 30 MIN.	M. M. 20 Maths TIME : 30 MIN.	M. M. 20 Science TIME: 30 MIN.
<b>XI</b>	<b>1. Reading Skills :</b> Questions based on given text to check Comprehension skills. <b>2. Writing Skills :</b> Creative Writing based on letter writing and article writing. <b>Grammar:-</b> To check application of conventional rules of the following topics : Tenses, Change of voice, Nominalization	* Questions related to Arithmetic Progression (A.P), Co – ordinate Geometry, Probability, Trigonometry & its Application (Height, Distances) Geometry: Circle, Algebra: Quadratic equation, Mensuration: Area Related to Circle, Surface area and volume of Cube, Cuboid, Cylinder, Cone, Frustrum of Cone.	* Questions related to Carbon & its compounds, covalent bond, homologous series, functional group in carbon compounds.,Saturated and unsaturated hydrocarbons, chemical properties of carbon compounds, Preparation & properties of ethanol and ethanoic acid, soap,detergents, Periodic classification of elements, modern periodic table, gradation in properties in period and groups, Reproduction in animals and plants, heredity and evolution. Phenomenons - Light-Reflection and Refraction, mirrors, lens, Glass Prism, Human Eye,Defects of Vision, Dispersion, scattering of light.
<b>Note : Candidate should bring his/her geometry box (Pen/Pencil, Eraser, Sharpener, Scale etc.) along with Card Board.</b>			