



# DAV PUBLIC SCHOOL

RATWAR, MOHANIA, KAIMUR

## Syllabus for Admission test – Class 11<sup>th</sup> Science (2021-22)

Total Marks : 75

Time : 1.30 Hrs

Subject	Portion
<b>English</b> (25 Marks)	01. Reading comprehension.(Unseen Passage---Prose & Poetry)  02. Grammar.-(Editing Error, Omission, Gap filling etc.) Tenses, Determiners, Active & Passive Voice, Narration, Sub-Verb Agreement, Modals, Clauses & Phrases, Prepositions, Conjunction.  03. General Idea about- Letter Writing, Article, Paragraph Writing , Parts of Speech, Figures of Speech. Vocabulary.
<b>Maths</b> (25 Marks)	Real numbers and it's decimal, polynomials and it's graphical representation, Relation between zeroes and coefficients of Polynomial, Linear and quadratic equations, condition for their graph and solutions. Arithmetic progression and it's nth term and sum of 1st nterms. Coordinate geometry ( distance formula, section formula ) , Trigonometric ratios of acute angles and complementary angles. Trigonometric identities and equations, Introduction of statistics and probability.
<b>Science</b> (25 Marks)	<b>Physics :</b> Light , magnetism , Electricity , Electric Power  <b>Chemistry :</b> Types of Chemical Reactions, Balancing Chemical Reactions, Oxidizing and Reducing Agents, Atomicity, Antioxidants, Acid, Base and Salt  <b>Biology :</b> Nutrition in Amoeba and Human, Respiration, Transportation, Excretion, Our Environment.