

DAV MODEL SCHOOL, DURGAPUR (W.B.)
ENTRANCE TEST FOR PROVISIONAL ADMISSION TO CLASS XI
SESSION:2027-2028
SYLLABUS FOR SCIENCE STREAM

ENGLISH	Application based grammar & vocabulary
PHYSICS	Motion in a straight line, Motion in a plane, Laws of Motion, Work, Energy and Power, Gravitation, Light, and Sound.
CHEMISTRY	Atoms and Molecules, Chemical Reaction and Equations, Acids, Bases and Salts, Chemical Bonding, Metals and Non-metals, Carbon and its Compounds.
BIOLOGY	Cell, Tissue, Biological Classification, Plant kingdom and Animal kingdom, Life processes (Nutrition, Respiration, Blood circulation, Excretion) Nervous system, Reproduction, Heredity and Genetics.
MATHEMATICS	Number system: Real Number, Algebra: Polynomial, Pair of Linear equations in two variables, Quadratic equations, Arithmetic progression Co- ordinate Geometry, Trigonometry, Mensuration, Statistics & Probability. Geometry – Triangles, Circles

DAV MODEL SCHOOL, DURGAPUR (W.B.)
ENTRANCE TEST FOR PROVISIONAL ADMISSION TO CLASS XI
SESSION:2027-2028
SYLLABUS FOR COMMERCE/ HUMANITIES STREAM

ENGLISH	Application based grammar & vocabulary
MATHEMATICS	Number system: Real Number, Algebra: Polynomial, Pair of Linear equations in two variables, Quadratic equations, Arithmetic progression. Co- ordinate Geometry, Trigonometry, Mensuration, Statistics & Probability Geometry – Triangles, Circles
HIST/CIVICS	Freedom struggle of India, Nationalism in Europe, The French Revolution, Indian Parliament, Political right in Indian constitution, Indian Federalism, Political parties of India
GEOGRAPHY	Indian Geography –Location, Soil, Agriculture, Drainage & Water, Climate, Vegetation and Physiography
ECONOMICS	Development goals, National Income, Per Capita Income, Green Revolution, Unemployment, Poverty and Food security in India
APTITUDE & GENERAL AWARENESS	As per the cognitive level of Grade X

Sd/-

Principal Cum Regional Officer