



VIBRANT ACADEMY (I) Pvt. Ltd.

**Syllabus
RT-4 (Main)**

Date : 13-06-21

Course Mega-XII Phase-I

Physics

Kinematics, NLM, Circular Motion, Work Energy Power, Centre of mass, SHM, Fluid, Surface Tension & Viscosity, Mechanical Waves, Geometrical optics(Including optical instrument), Wave Optics.

Maths

Permutation and Combination, Straight Line, Circle, Determinants, Binomial theorem, Matrices, SOT, Trigonometric Equations, Sequence & Series, Probability, Function, ITF, Limit (Till taught)

Organic Chemistry

Isomerism, GOC, Hydrocarbon.

Physical Chemistry

XIth Full Syllabus + Redox, Chemical kinetics, Thermodynamics (Till taught)

Inorganic Chemistry

Periodic properties, Chemical Bonding, Coordination compound, Metallurgy (Till taught)