



VIBRANT ACADEMY (I) Pvt. Ltd.

Syllabus

PT-10/9 (Mains)

Date : 14-02-21

Course Googol-XIII Phase-I & II (06 & 27 May Batch)

Physics

Unit & Dimension, Kinematics, NLM, Friction, Work Energy Power, Circular Motion, Centre of Mass, Collision, Rigid Body Dynamics, Electrostatics, Elasticity, Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics, Fluid Mechanics, Geometrical Optics, Current Electricity, Capacitor, Optical Instruments, Gravitation, SHM, Magnetic Effect of Current, EMI, Mechanical Wave.

Maths

Syllabus Covered Till Last Date.

Organic Chemistry

Complete Syllabus.

Physical Chemistry

Stoichiometry, Atomic Structure, Chemical Kinetics, Radioactivity, Thermodynamics, Thermochemistry, Chemical Equilibrium, Ionic Equilibrium, Electrochemistry.

Inorganic Chemistry

Periodic Table, Chemical Bonding, s-Block Elements, Hydrogen, p-Block Elements, Coordination Compounds.