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TEST SYLLABUS



Academic Session 2023-24

Advanced Pattern Cumulative Test (ACT-3)

Test Date : 01 October 2023

Course Code : VIJETA(05JP)

PHYSICS:

XII : Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance

XI : Kinematics, NLM, Friction, WPE, Circular motion, Centre of mass, RBD, Fluid mechanics, Elasticity and Viscosity, Surface tension

MATHEMATICS:

XI - Straight Line, Circle, Conic Section , Mathematical Reasoning, Statistics, BT, P&C

XII - Relation, Function ITF, Probability, LCD, MOD, AOD , Matrices and determinants(excluding adjoint, inverse & Cramer's Rule)

PHYSICAL / INORGANIC CHEMISTRY:

XI : Gaseous State (Ideal + Real)

XII : Solution & Colligative Properties, Coordination Compounds, Solid State, Electrochemistry, Equivalent concept & titrations (simple calculation of n factor and equivalent masses)

ORGANIC CHEMISTRY:

XI : GOC-II, CBO-I & II

XII : Stereoisomerism, Haloalkanes and Haloarenes, Alcohol & Ether, Redox reaction