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TEST SYLLABUS



Academic Session 2023-24

MAIN PATTERN CUMULATIVE TEST (MCT-3)

Test Date : 03 December 2023

Course Code : VIJETA (05JP)

PHYSICS:

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

XI : Full Syllabus

MATHEMATICS:

XI - Quadratic Equation, Sequence and Series, Mathematical Reasoning, Statistics, Binomial Theorem, Permutation & Combination

XII - Relation Function, Probability, LCD, MOD, AOD, Definite Integration (up to property 7)

PHYSICAL / INORGANIC CHEMISTRY:

XI : Atomic Structure

XII : Solution & Colligative Properties, Coordination Compounds, Solid State, Electrochemistry, Metallurgy, Qualitative Analysis (anion), Equivalent concept & titrations, Chemical Kinetics (upto monitoring progress of reaction)

ORGANIC CHEMISTRY:

XI : GOC-II, CBO (Complete)

XII : Stereoisomerism, Haloalkanes and Haloarenes, Alcohol & Ether, Hydrocarbon, Redox reaction, Aromatic Compounds (upto Benzene)