



Resonance[®]
Educating for better tomorrow



▶▶▶ **TEST SYLLABUS** ◀◀◀

Academic Session 2023-24

ALL INDIA RESONANCE TEST (AIRT)-1

Test Pattern JEE (Main)

Test Date : 29 October 2023

Course Code : VIKAAS (JA), VIPUL (JB) & ABHINAV (EA)

PHYSICS:

Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, Newton's laws of motion, Friction, WPE, Circular Motion, Centre of mass.

MATHEMATICS:

FOM-I, Quadratic Equation, Trigonometry, Sequence and Series, Mathematical Reasoning, Binomial Theorem, Permutation & Combination.

PHYSICAL / INORGANIC CHEMISTRY:

Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State (Ideal + Real), Chemical Equilibrium.

ORGANIC CHEMISTRY:

IUPAC Nomenclature, Structural Isomerism, Structural identification, POC, Periodic Table, BIN, Chemical Bonding