

# PACE-IIT & MEDICAL

MUMBAI / DELHI-NCR / PUNE / NASHIK / AKOLA / GOA / JALGOAN / BOKARO / AMRAVATI / DUBAI / DHULE

## IIT-JEE: 2025 ASPIRANTS: MAJOR TEST # 3 (ADVANCED)

**Examination Day & Date** : Sunday, 28<sup>th</sup> January, 2024

**Timing** : Paper 1 : 9:00 am - 12.00 pm

Paper 2 : 1:00 pm - 4:00 pm

**Test Mode** : OFFLINE

## SYLLABUS

SUBJECTS	TOPICS
PHYSICS	VECTORS, CALCULUS FOR PHYSICS, KINEMATICS I & II , UNIT & DIMENSION, ERRORS & MEASUREMENTS, LAWS OF MOTION & FRICTION, CIRCULAR MOTION & WORK POWER ENERGY, RAY OPTICS , CENTRE OF MASS & COLLISIONS, ROTATIONAL DYNAMICS, HEAT & THERMODYNAMICS (Thermal Expansion, Calorimetry, Thermodynamics)
CHEMISTRY	MOLE CONCEPT, ATOMIC STRUCTURE, PERIODIC TABLE, CHEMICAL BONDING, GASEOUS STATE, THERMODYNAMICS & THERMOCHEMISTRY , CHEMICAL EQUILIBRIUM, IONIC EQUILIBRIUM , IUPAC NOMENCLATURE , GOC
MATHEMATICS	BASIC MATHEMATICS, QUADRATIC EQUATIONS, TRIGONOMETRIC RATIOS & IDENTITIES, TRIGONOMETRIC EQUATIONS, INEQUALITIES & EQUATIONS, SEQUENCE & SERIES, BINOMIAL THEOREM, PERMUTATION & COMBINATION, PROBABILITY , FUNCTIONS & I.T.F , LIMITS & CONTINUITY

CENTERS: MUMBAI / DELHI / PUNE / NASHIK / AKOLA / GOA / JALGAON / BOKARO / AMARAVATI / DUBAI / DHULE