

# PACE-IIT & MEDICAL

**IIT-JEE: 2026 ASPIRANTS: MAJOR TEST # 3 (ADVANCED)**

**Examination Day & Date : Sunday, 29<sup>TH</sup> DECEMBER, 2024**

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

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

**TEST MODE : OFFLINE**

## **SYLLABUS**

<b>SUBJECTS</b>	<b>TOPICS</b>
<b>PHYSICS</b>	UNIT & DIMENSION, ERRORS & MEASUREMENTS, VECTORS, CALCULUS FOR PHYSICS, KINEMATICS I & II, LAWS OF MOTION & FRICTIONS, CIRCULAR MOTION & WORK, POWER, ENERGY, CENTRE OF MASS & COLLISIONS, ROTATIONAL DYNAMICS & RAY OPTICS
<b>CHEMISTRY</b>	MOLE CONCEPT, ATOMIC STRUCTURE, PERIODIC TABLE, GASEOUS STATE, CHEMICAL BONDING, THERMODYNAMICS & THERMOCHEMISTRY, CHEMICAL EQUILIBRIUM, IUPAC & NOMENCLATURE, GOC
<b>MATHEMATICS</b>	BASIC MATHEMATICS, QUADRATIC EQUATIONS, TRIGONOMETRIC RATIOS & IDENTITIES, INEQUALITY & EQUATION, TRIGONOMETRIC EQUATIONS, SEQUENCE & SERIES, BINOMIAL THEOREM, PERMUTATION & COMBINATION, PROBABILITY, FUNCTIONS & I.T.F