

# PACE-IIT & MEDICAL

MUMBAI / NASHIK / AKOLA / DELHI / LUCKNOW / GOA / BOKARO / JALGAON / PUNE / AMRAVATI / DUBAI

## IIT-JEE: 2020 ASPIRANTS: MAJOR TEST # 4 (MAIN)

Examination Day & Date : Saturday : 15<sup>th</sup> June, 2019

Timing : Paper I : 3.00 - 6.00 pm

Test Mode : OFFLINE

### SYLLABUS

SUBJECTS	TOPICS
PHYSICS	Vectors, Kinematics–1 & 2, Calculus for physics, Dimension Analysis and Errors & Measurement, LOM & Friction, Circular Motion, Work Power Energy, COM & Collision, Rotation, SHM, Heat & Thermodynamics, Fluid Dynamics & POM, Gravitation, Electrostatics & Capacitor ( <b>Construction of capacitor &amp; dielectrics</b> )
CHEMISTRY	Atomic Structure, Mole Concept, Periodic Table, Gaseous State, Chemical Bonding, Thermodynamics & Thermochemistry, Chemical & Ionic Equilibrium, Volumetric Analysis, Chemical Kinetics, Electrochemistry, IUPAC, GOC, Isomerism, Reaction Mechanism, Hydrocarbons ( <b>Only Alkanes</b> )
MATHEMATICS	Trigonometric Ratios and Identities, Quadratic Equations, Trigonometric Equations, Inequations & Logarithms, Sequence & Series, Permutation & Combination, Binomial Theorem, Probability, Straight line, (Including POSL), Circle, Parabola, Function , LCD & Method Of Differentiation

HEAD OFFICE: SHOPPERS POINT BLDG., 401, 4<sup>TH</sup> FLOOR, S. V. ROAD, ANDHERI (W)

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## IIT-JEE: 2020 ASPIRANTS: MAJOR TEST # 4 (ADVANCED)

**Examination Day & Date :** Sunday : 16<sup>th</sup> June, 2019  
**Timings :** Paper I : 9-12 pm  
Paper II : 1- 4 pm  
**Test Mode :** OFFLINE

### SYLLABUS

SUBJECTS	TOPICS
PHYSICS	Vectors, Kinematics–1 & 2, Calculus for physics, Dimension Analysis and Errors & Measurement, LOM & Friction, Circular Motion, Work Power Energy, COM & Collision, Rotation, SHM, Heat & Thermodynamics, Fluid Dynamics & POM, Gravitation, Electrostatics & Capacitor ( <b>Construction of capacitor &amp; dielectrics</b> )
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