

# **PACE-IIT & MEDICAL**

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

## **IIT-JEE: 2020 ASPIRANTS: MAJOR TEST # 2 (MAIN)**

**Examination Day & Date :** Saturday : 29<sup>th</sup> December, 2018

**Timing :** Paper I : 3.00 - 6.00 pm

**Test Mode :** OFFLINE

### **SYLLABUS**

<b>SUBJECTS</b>	<b>TOPICS</b>
<b>PHYSICS</b>	Vectors, Kinematics–1 & 2, Calculus for physics, Dimension Analysis and Errors & Measurement, Laws of Motion & Friction, Circular Motion, Work Power Energy, COM & Collision, Rotation – I (Moment of inertia & Torque Equation $\tau = I\alpha$ )
<b>CHEMISTRY</b>	Atomic Structure, Mole concept, Periodic Table, Gaseous State, Chemical Bonding, Thermodynamics & Thermochemistry, Chemical Equilibrium, IUPAC, GOC (Inductive effect)
<b>MATHEMATICS</b>	Trigonometric Ratios and Identities, Quadratic Equations, Trigonometric Equations, Inequations & Logarithms, Sequence & Series, Permutation & Combination, Binomial Theorem, Probability (Before Conditional Probability)

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

# PACE-IIT & MEDICAL

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

## IIT-JEE: 2020 ASPIRANTS: MAJOR TEST # 2 (ADVANCED)

**Examination Day & Date :** Sunday : 30<sup>th</sup> December 2018  
**Timings :** Paper I : 9-12 pm  
Paper II : 1- 4 pm  
**Test Mode :** OFFLINE

### SYLLABUS

SUBJECTS	TOPICS
<b>PHYSICS</b>	Vectors, Kinematics–1 & 2, Calculus for physics, Dimension Analysis and Errors & Measurement, Laws of Motion & Friction, Circular Motion, Work Power Energy, COM & Collision, Rotation – I (Moment of inertia & Torque Equation $\tau = I\alpha$ )
<b>CHEMISTRY</b>	Atomic Structure, Mole concept, Periodic Table, Gaseous State, Chemical Bonding, Thermodynamics & Thermochemistry, Chemical Equilibrium, IUPAC, GOC (Inductive effect)
<b>MATHEMATICS</b>	Trigonometric Ratios and Identities, Quadratic Equations, Trigonometric Equations, Inequations & Logarithms, Sequence & Series, Permutation & Combination, Binomial Theorem, Probability (Before Conditional Probability)

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