

# PACE-IIT & MEDICAL

MUMBAI / NASHIK / AKOLA / DELHI / GHAZIABAD / KOLKATA / GOA / BOKARO / JALGAON / PUNE / AMRAVATI / DUBAI

## IIT-JEE: 2021 ASPIRANTS: MAJOR TEST # 3 (MAIN)

Examination Day & Date : Saturday, 21<sup>st</sup> March, 2020  
Timing : Paper 1 : 3.00 PM - 6.00 PM  
Test Mode : OFFLINE

### SYLLABUS

SUBJECTS	TOPICS
<b>PHYSICS</b>	Vectors, Calculus for Physics, Unit & Dimension, Errors & Measurements, Kinematics - I & II, Laws of Motion & Friction, Circular Motion, Work, Power & Energy, Centre of Mass & Collisions, Rotational Dynamics, SHM, Heat & Thermodynamics, Fluid Mechanics & Properties of Matter
<b>CHEMISTRY</b>	Atomic Structure, Mole Concept, Periodic Table, Gaseous State, Chemical Bonding, IUPAC, Nomenclature, Energetic, GOC, Chemical & Ionic Equilibrium, Volumetric Analysis, Isomerism
<b>MATHEMATICS</b>	Trigonometric Ratio & Identities, Quadratic Equation, Trigonometric Equation, Inequations & Logarithms, Sequence & Series, Binomial Theorem, Permutation & Combination, Straight Lines, Probability, Circle, Parabola, Functions

# PACE-IIT & MEDICAL

MUMBAI / NASHIK / AKOLA / DELHI / GHAZIABAD / KOLKATA / GOA / BOKARO / JALGAON / PUNE / AMRAVATI / DUBAI

## IIT-JEE: 2021 ASPIRANTS: MAJOR TEST # 3 (ADVANCED)

Examination Day & Date : Sunday, 22<sup>nd</sup> March, 2020  
Timings : Paper 1 : 9:00 AM – 12:00 PM  
Paper 2 : 1:00 PM – 4:00 PM  
Test Mode : OFFLINE

### SYLLABUS

SUBJECTS	TOPICS
<b>PHYSICS</b>	Vectors, Calculus for Physics, Unit & Dimension, Errors & Measurements, Kinematics - I & II, Laws of Motion & Friction, Circular Motion, Work, Power & Energy, Centre of Mass & Collisions, Rotational Dynamics, SHM, Heat & Thermodynamics, Fluid Mechanics & Properties of Matter
<b>CHEMISTRY</b>	Atomic Structure, Mole Concept, Periodic Table, Gaseous State, Chemical Bonding, IUPAC, Nomenclature, Energetic, GOC, Chemical & Ionic Equilibrium, Volumetric Analysis, Isomerism
<b>MATHEMATICS</b>	Trigonometric Ratio & Identities, Quadratic Equation, Trigonometric Equation, Inequations & Logarithms, Sequence & Series, Binomial Theorem, Permutation & Combination, Straight Lines, Probability, Circle, Parabola, Functions