

PACE-IIT & MEDICAL

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

IIT-JEE: 2019 ASPIRANTS: MAJOR TEST # 4 (MAIN)

Examination Day & Date : Saturday : 9th June 2018 (Offline Mode)
Timing : Paper I : 3.00 - 6.00 pm

SYLLABUS

SUBJECTS	TOPICS
PHYSICS	Vectors, Kinematics–1 & 2, Calculus for physics, Dimension Analysis and Errors, Laws of Motion & Friction, Circular Motion, Work Power Energy, Center of Mass & Collisions, Heat & Thermodynamics, Rotational Dynamics, Gravitation, Fluid Mechanics & POM, SHM, Electrostatics & Capacitors, Ray Optics
CHEMISTRY	Atomic Structure, Mole concept, Periodic Table, Gaseous State, Chemical Bonding, Energetics, Chemical & Ionic Equilibrium, IUPAC Nomenclature, GOC, Volumetric, Isomerism, Reaction Mechanism, Chemical Kinetics, Electrochemistry, Hydrocarbons
MATHEMATICS	Trigonometric Ratios and Identities, Quadratic Equations, Trigonometric Equations, Inequations & Logarithms, Sequence and Series, Complex Numbers, P & C, Binomial Theorem, Probability, Straight lines and POSL, Circle, Parabola, Ellipse, Functions, Limit, Continuity, Differentiability & MOD, AOD–1 (Tangent & Normal)

PACE IIT | MEDICAL | MHT-CET

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

IIT-JEE: 2019 ASPIRANTS: MAJOR TEST # 4 (ADVANCED)

Examination Day & Date : Sunday : 10th June 2018 (Offline Mode)
Timings : Paper I : 9-12 pm
Paper II : 1- 4 pm

SYLLABUS

SUBJECTS	TOPICS
PHYSICS	Vectors, Kinematics–1 & 2, Calculus for physics, Dimension Analysis and Errors, Laws of Motion & Friction, Circular Motion, Work Power Energy, Center of Mass & Collisions, Heat & Thermodynamics, Rotational Dynamics, Gravitation, Fluid Mechanics & POM, SHM, Electrostatics & Capacitors, Ray Optics
CHEMISTRY	Atomic Structure, Mole concept, Periodic Table, Gaseous State, Chemical Bonding, Energetics, Chemical & Ionic Equilibrium, IUPAC Nomenclature, GOC, Volumetric, Isomerism, Reaction Mechanism, Chemical Kinetics, Electrochemistry, Hydrocarbons
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