IIT-JEE: 2019 ASPIRANTS: MAJOR TEST # 5 (MAIN)

Examination Day & Date :   **Saturday : 11th August 2018**
Timing   **:**   **Paper I : 3.00 - 6.00 pm**
Test Type   **:**   **Offline**

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, current Electricity, Waves
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, Aromatic Hydrocarbon, Alkyl, Aryl & Halide, Solid State, Nuclear & Solution
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, Conics Section, Functions, Limit, Continuity, Differentiability & MOD, AOD, Indefinite Integral, Vectors

IIT-JEE: 2019 ASPIRANTS: MAJOR TEST # 5 (ADVANCED)

Examination Day & Date :   Sunday : 12th August 2018
Timings   :   Paper I : 9-12 pm
                                     Paper II : 1- 4 pm
Test Type   :   Offline

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, current Electricity, Waves
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, Aromatic Hydrocarbon, Alkyl, Aryl & Halide, Solid State, Nuclear & Solution
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, Conics Section, Functions, Limit, Continuity, Differentiability & MOD, AOD, Indefinite Integral, Vectors