

IIT-JEE: 2018 ASPIRANTS: MAJOR TEST # 4 (MAIN)

Examination Day & Date : Saturday : 22nd April 2017.
Timings : Paper I : 4.00 - 7.00 pm

SYLLABUS

SUBJECTS	TOPICS
PHYSICS	Vectors, Calculus in Physics, Kinematics – 1 & 2, Unit & Dimensions, Errors & Measurements, Laws of Motion & Friction, Circular Motion & Work, Power, Energy, Geometrical Optics & Optical Instruments, Center of mass & Collisions, Rotational Dynamics, Heat & Thermodynamics, SHM, Fluid Dynamics, Properties of Matter & Gravitation
CHEMISTRY	Atomic Structure, Mole Concept, Periodic Table, Gaseous State, Chemical Bonding, Thermochemistry & Thermodynamics, Chemical equilibrium, IUPAC, Nomenclature, GOC, Ionic equilibrium, Volumetric Analysis, Isomerism & Reaction Mechanism
MATHEMATICS	Trigonometry Ratios & Identities, Quadratic Equation, Inequation & Equation, Trigonometry Equation, Straight Lines, Circle, Sequences & Series, Complex Numbers & Functions, LCD, Binomial Theorem, Permutation & Combinations

IIT-JEE: 2018 ASPIRANTS: MAJOR TEST # 4 (ADVANCED)

Examination Day & Date : Sunday : 23rd April 2017.
Timings : Paper I : 9-12 am
Paper II : 1- 4 pm

SYLLABUS

SUBJECTS	TOPICS
PHYSICS	Vectors, Calculus in Physics, Kinematics – 1 & 2, Unit & Dimensions, Errors & Measurements, Laws of Motion & Friction, Circular Motion & Work, Power, Energy, Geometrical Optics & Optical Instruments, Center of mass & Collisions, Rotational Dynamics, Heat & Thermodynamics, SHM, Fluid Dynamics, Properties of Matter & Gravitation
CHEMISTRY	Atomic Structure, Mole Concept, Periodic Table, Gaseous State, Chemical Bonding, Thermochemistry & Thermodynamics, Chemical equilibrium, IUPAC, Nomenclature, GOC, Ionic equilibrium, Volumetric Analysis, Isomerism & Reaction Mechanism
MATHEMATICS	Trigonometry Ratios & Identities, Quadratic Equation, Inequation & Equation, Trigonometry Equation, Straight Lines, Circle, Sequences & Series, Complex Numbers & Functions, LCD, Binomial Theorem, Permutation & Combinations