

# PACE IIT | MEDICAL | MHT-CET

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

## IIT-JEE: 2019 ASPIRANTS: MAJOR TEST # 1 (MAIN)

**Examination Day & Date :** Saturday : 23<sup>rd</sup> September 2017.  
**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
CHEMISTRY	Atomic Structure, Mole concept, Periodic Table, Gaseous State, Chemical Bonding : (Hybridization & VSEPR Theory)
MATHEMATICS	Trigonometric Ratios and Identities, Quadratic Equations, Trigonometric Equations, Inequations & Logarithms, Sequence and Series, Permutations and Combinations :(Number of divisors, Basic Permutation, Word & Number formation)

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## IIT-JEE: 2019 ASPIRANTS: MAJOR TEST # 1 (ADVANCED)

**Examination Day & Date :** Sunday : 24<sup>th</sup> September 2017.  
**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
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