



## Tentative Test Schedule for IIT JEE 2020

Date	Day	Subject	Pattern	Syllabus*	Duration
23/06/2019	Sunday	PCM	Std. XII Subjective	Circular Motion, Chemical Thermodynamics & Energetics and Matrices	10.00 to 1.00 pm
30/06/2019	Sunday	PCM	JEE Main	Full Length Test - 8	10.00 to 1.00 pm
07/07/2019	Sunday	PCM	JEE Advanced	Full Length Test - 8 (Paper 1)	10.00 to 1.00 pm
				Full Length Test - 8 (Paper 2)	2.00 to 5.00 pm

\* The Syllabus for the Full Length Test is

Subject	Topics
<b>Physics</b>	Calculus (Integration + Derivatives), Vectors, Kinematics, Constraints, NLM & Friction, Circular Motion, Work, power, Energy, Collision & Momentum, Center of Mass, Statics & Rotational Mechanics, Electrostatics, Capacitors, Electric Current, Magnetism, Units & Dimensions, Error Analysis, Significant Digits, Ray optics, Wave Optics, Thermal Physics I & II, Modern Physics, Sound & Waves, Properties of Matter & Fluid Mechanics, SHM, Gravitation, <b>EMI, A. C. Current and Modern Physics.</b>
<b>Chemistry</b>	Redox Reaction, Stoichiometry, Gas laws, Chemical Equilibrium, Ionic Equilibrium, Hydrogen & its compound, S-Block Elements, P-Block (Group 13 & 14), Thermodynamics & Thermochemistry, Solution & Colligative Properties, Chemical Kinetics, Nuclear chemistry, Solid state, Surface chemistry, Atomic Structure, Periodic Properties, Chemical Bonding, Nomenclature, Isomerism, Reaction Mechanism, Hydrocarbon, Aromatic Compound, Halogen Derivatives, Co-ordination Compounds, <b>Volumetric Titration, Salt Analysis, Electrochemistry, Alcohol, Phenols &amp; Ethers, Aldehydes &amp; ketones, Carboxylic Acids &amp; its Derivatives and Nitrogen Containing compound.</b>
<b>Maths</b>	Basic Co-ordinate Geometry, Locus & Straight line, Trigonometric Identities, Functions, Trigonometric Equations & Inverse Trigonometry, Properties of Triangles, Limits, Continuity & differentiability, Derivatives, Application of Derivatives, Indefinite Integration, Logarithm, Quadratic Equation & Expressions, Complex Numbers (Except Geometric Interpretation), Sequence & Series, Permutation & Combinations, Determinants & Matrices, Binomial Theorem, Pair of lines, Probability, Circles, <b>Conics, Definite Integration &amp; area under curves and Differential Equations.</b>

**Note :** JEE Main and JEE Advanced Tests are available in ONLINE mode only.