Aakash
Medical | IIT-JEE | Foundations

SMTS for JEE (Advanced) 2022 - XI Studying

(Online)

Test No.	Test Date	Pattern of Test	Subject	Topics of the Test
SMTS-1	02-12-2020	JEE (Advanced)	Phy	Units and Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion
			Chem	Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter : Gases & Liquids
			Maths	Basics of Mathematics** (Sets, Wavy Curve Method and Inequalities), Relations** and Functions (XI Syllabus) (Including Transformation of Graphs), Trigonometric Functions-I: Trigonometric Ratios and Identities, Transformation Formulae, Trigonometric Equations(Level-I),Principle of Mathematical Induction**, Quadratic Equations, Complex Numbers-I : Algebra of Complex Numbers, Modulus & conjugate of a Complex Number, Polar form, Linear Inequalities
SMTS-2	13-01-2021	JEE (Advanced)	Phy	Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluid
			Chem	Thermodynamics, Equilibrium, Redox Reactions (including Volumetric Analysis), Hydrogen, s-Block Elements, p-Block Elements (Group-13-14)
			Maths	Sequence and Series(including Exponential & Logarithmic Series**) ,Binomial Theorem, Permutations and Combinations, Straight Lines(including Pair of Straight Lines**), Conic Section-I (Circle), Conic Section-II (Parabola, Ellipse & Hyperbola)
SMTS-3	24-02-2021	JEE (Advanced)	Phy	Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves
			Chem	Organic Chemistry- Some Basic Principles and Techniques (including Isomerism), Hydrocarbons (including Electrophilic Aromatic substitutions)
			Maths	Complex Numbers-II(Including Geometrical Applications), Introduction to 3 Dimensional Geometry, Limits & Derivatives (Class XI), Mathematical Reasoning**, Statistics**, Probability, Trigonometric Functions-II : Trigonometric Ratios & Identities, Transformation Formulae, Trigonometric Equations (Level-II), Height & Distance** and Properties of Triangles