

S.No	Test Code	Test Pattern	Physics	Maths	Chemistry	
					Chemistry (P/I)	Chemistry (O)
1	APT-1	JEE (Adv) (2 PAPERS)	Mathematical Tools Complete	Fundamental of Mathematics (FOM-I : Number System,Basic of Complex, Remainder theorem and Factor theorem,Representation of sets, Types of sets,Subset, superset, power set, ,Operations on sets,Venn Diagrams, De-Morgans law,Method of Interval ,Logarithm : Definition, Identity, Properties, Graph,Number System,Logarithmic Inequalities ,Characteristic and mantissa : Anti log Log table)	Introduction to Chemistry, Atomic Structure (Discovery of subatomic particles [Cathode+Anode Rays], Thomson, Rutherford,Estimation of closest approach, Some terms (Isotopes, Isobars, Isotones, Isoelectronic), Electromagnetic Radiations (properties of waves),Planck's Quantum Theory, Black Body Radiation,Photoelectric Effect)	IUPAC Nomenclature
2	MCT-1	JEE (Main)	Mathematical tool Rectilinear motion & Projectile motion.	Fundamental of Mathematics (As per APT-1), Quadratic Equation	Introduction to Chemistry, Atomic Structure (Estimation of closest approach, Some terms (Isotopes, Isobars, Isotones, Isoelectronic), Electromagnetic Radiations (properties of waves),Planck's Quantum Theory, Black Body Radiation,Photoelectric Effect,Bohr's Atomic Model,Spectrum,Spectral Lines, De Broglie's + Heisenberg)	IUPAC Nomenclature & Structural Isomerism, Structural identification