

VIBRANT ACADEMY (I) PVT. LTD., KOTA

PRACTICE ADVANCE +

Online Test Plan IIT-JEE(Mains + Advanced) 2020-21

Date & Day	Test	Pattern	Physics	Maths	Chemistry		
					Organic	Inorganic	Physical
02-06-2021 (Wednesday)	Part Test-1	Advanced (One Paper)	Kinematics, NLM, Friction, Circular Motion, Work Energy Power, Centre of Mass, Momentum & Collision, Calorimetry.	Logarithm, Compound Angle, Mini calculus & graph, Sequence & Series, SOT, Theory of Equations, Trigonometric Equations.	IUPAC, Structural Isomers, GOC.	Periodic Table, Periodic Properties	Mole Concept, Atomic Structure
05-06-2021 (Saturday)	Part Test-2	Advanced (One Paper)	Kinematics, NLM, Friction, Work Energy Power, Centre of Mass, Rotation, SHM, RBD, Thermal Expansion, Elasticity, Collision, Fluids, Heat & Thermodynamics, KTG.	Logarithm, Compound Angle, Sequence & Series, Theory of Equations, Straight Line, P & C, AOD, SOT, Trigonometric Equations, Binomial Theorem, Circle, Determinant, Quadratic Equation.	Isomerism, GOC, Hydrocarbon.	Periodic Table, Periodic Properties, Chemical Bonding	Atomic Structure, Gaseous State, Ionic Equilibrium, Chemical Equilibrium
09-06-2021 (Wednesday)	Part Test-3	Mains (One Paper)	Syllabus of Part Test (1 + 2)				
12-06-2021 (Saturday)	Part Test-4	Advanced (One Paper)	Kinematics, NLM, Friction, Centre of Mass, Rotation, SHM, Thermal Expansion, Elasticity, Collision, Fluids, Heat & Thermodynamics, String Wave, Geometrical Optics, Electrostatics.	Sequence & Series, Binomial Theorem, AOD, Circle, Straight Line, Function, Definite & Indefinite Integration.	Isomerism, Application of Isomerism, Substitution & Elimination.	Chemical Bonding, Coordination Compound, Metallurgy	Thermodynamics, Chemical Kinetics, Radioactivity.
16-06-2021 (Wednesday)	Part Test-5	Advanced (One Paper)	Rotation, SHM, Sound Wave, Thermal Expansion, Elasticity, Collision, Fluids, Heat & Thermodynamics, String Wave, Geometrical Optics, Wave Optics, Electrostatics, Gravitation, Current Electricity, Capacitance.	P & C, Trigonometric Equations, AOD, Determinant, Function, ITF, Definite & Indefinite Integration, AUC, Differential Equation, Matrices.	Isomerism, Application of Isomerism, Substitution & Elimination, RMgX and Application, Carbene, Nitrene, Aromatic Compound.	Chemical Bonding, Coordination Compound, Metallurgy, Type of Reactions, Salt Analysis	Stoichiometry, Chemical Kinetics, Radioactivity, Electrochemistry, Gaseous State

Date & Day	Test	Pattern	Physics	Maths	Chemistry		
					Organic	Inorganic	Physical
19-06-2021 (Saturday)	Part Test-6	Mains (One Paper)	Kinematics, Work Energy Power, Constraint, NLM, Mechanical Wave, Rotation, Centre of Mass, Elasticity, Collision, Fluids, Heat & Thermodynamics, Surface Tension Viscosity, String Wave, Geometrical Optics, Wave Optics, Electrostatics, Gravitation, Current Electricity, Capacitance, Magnetic Effect of Current, EMI & AC, Force on Charge in Magnetic Field.	P & C, Trigonometric Equations, Straight Line, Circle, Theory of Equations, Function, ITF, Limit, Definite & Indefinite Integration, AUC, Differential Equation, Matrices, Vector & 3D, Complex Number, Parabola.	Application of Isomerism, POC, Aromatic Compound, Carbonyl Compound, Alcohol, Phenol & Ether, Biomolecule.	Chemical Bonding, Coordination Compound, Metallurgy, Type of Reactions, Salt Analysis, p-block.	Liquid Solution, Solid State, Ionic Equilibrium, Stoichiometry, Chemical Kinetics, Electrochemistry, Gaseous State, Thermodynamics, Surface Chemistry
23-06-2021 (Wednesday)	Part Test-7	Advanced (One Paper)	Syllabus of Part Test (4 + 5 + 6)				
26-06-2021 (Saturday)	FST-1	Mains (One Paper)	Full Syllabus				
30-06-2021 (Wednesday)	FST-2	Advanced (Two Paper)	Full Syllabus				
03-07-2021 (Saturday)	FST-3	Mains (One Paper)	Full Syllabus				
07-07-2021 (Wednesday)	FST-4	Advanced (Two Paper)	Full Syllabus				
10-07-2021 (Saturday)	FST-5	Mains (One Paper)	Full Syllabus				
* ALL TEST PAPER & SOLUTIONS CAN BE DOWNLOAD AFTER COMPLETION OF THE TEST.							
* RESULT WILL BE DECLARED AFTER TWO WORKING DAYS.							