

# VIBRANT ACADEMY (I) PVT. LTD., KOTA

## Practice Advance+

### Online Test Plan IIT-JEE(Mains + Advanced) 2019-20

Date & Day	Test	Pattern	Physics	Maths	Chemistry		
					Organic	Inorganic	Physical
22-07-2020 (Wednesday)	Part Test-1	Advanced (One Paper)	Unit & Dimension, Vectors, Basic Maths, Kinematics	Logarithm, Compound Angle	IUPAC, Structural Isomers	Quantum Numbers, Periodic Table, Periodic Properties.	Mole Concept
25-07-2020 (Saturday)	Part Test-2	Advanced (One Paper)	Kinematics, NLM, Friction, Circular Motion, Work Energy Power, Centre of Mass, Momentum & Collision.	Compound Angle, Sequence & Series, SOT, Theory of Equations, Trigonometric Equations.	Structural Isomers, GOC	Periodic Table, Periodic Properties	Mole Concept, Atomic Structure
29-07-2020 (Wednesday)	Part Test-3	Advanced (One Paper)	Kinematics, NLM, Friction, Work Energy Power, Centre of Mass, Rotation, SHM, Thermal Expansion, Elasticity, Collision, Fluids, Heat & Thermodynamics.	Logarithm, Compound Angle, Sequence & Series, Theory of Equations, Straight Line, P & C, AOD, SOT, Trigonometric Equations, Binomial Theorem, Circle, Determinant.	Isomerism, GOC, Hydrocarbon	Periodic Table, Periodic Properties, Chemical Bonding	Atomic Structure, Gaseous State, Ionic Equilibrium, Chemical Equilibrium
01-08-2020 (Saturday)	Part Test-4	Mains (One Paper)	<b>Syllabus of Part Test (1 + 2 + 3)</b>				
05-08-2020 (Wednesday)	Part Test-5	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
08-08-2020 (Saturday)	Part Test-6	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, Electrochemistry, Gaseous State

Date & Day	Test	Pattern	Physics	Maths	Chemistry		
					Organic	Inorganic	Physical
12-08-2020 (Wednesday)	Part Test-7	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
15-08-2020 (Saturday)	Part Test-8	Advanced (One Paper)	Syllabus of Part Test (5 + 6 + 7)				
17-08-2020 (Monday)	FST-1	Mains (One Paper)	Full Syllabus				
19-08-2020 (Wednesday)	FST-2	Advanced (Two Paper)	Full Syllabus				
22-08-2020 (Saturday)	FST-3	Advanced (Two Paper)	Full Syllabus				
26-08-2020 (Wednesday)	FST-4	Mains (One Paper)	Full Syllabus				
29-08-2020 (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.