

VIBRANT All India Test Series Syllabus(2019-20) Std.12th/12th Passed

TEST DATE	PATTREN	PHYSICS	MATHS	PHYSICAL CHEMISTRY	INORGANIC CHEMISTRY	ORGANIC CHEMISTRY
04-28-2019	MAIN	Kinematics, Particle Dynamics, Fluid Mechanics ,Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics (Upto Refraction on Spherical Surface).	Permutation & Combination, Straght Line, Circle, Function, ITF, Limits,Continuity, Differentiability.	11th Full Syllabus + Redox, Chemical Kinetics (Till Parallel Reaction)	11th Full Syllabus + Chemical Bonding (Till M.O.T.)	11th Full Syllabus + Conformation,G.I., optical Isomerism, Photohalognation, Markovnikove.
05-19-2019	ADVANCE	Kinematics, Particle Dynamics, Fluid Mechanics, Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics,Wave Optics(up to interference of light Y.D.S.E.)	Permutation & Combination, Straght Line, Circle, Function, ITF, Limits,Continuity, Differentiability, Method of Differentiation, Integration by parts.	Stoichiometry(mole & redox), Gassess State + Redox, Chemical Kinetics, Radioactivity, Thermodynamics (Till P-V work calculation)	11th Full Syllabus + Chemical Bonding (Till fajan's rule)	11th Full Syllabus + Isomerism, Application Isomerism.
06-09-2019	MAIN	Kinematics, Particle Dynamics, Fluid Mechanics,Elasticity & Heat, Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics Including Instuments, Wave Optics (Interference,Diffraction,Polarisation).	Permutation & Combination, Straght Line, Circle,Trigonometric Equation, Solution Of Triangles, Compound Angle, Function, ITF, Limits,Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Properties of Definite Integration (Till P-7)	Stoichiometry(mole & redox), Chemical Equilibrium & Ionic Equilibrium + Redox, Chemical Kinetics, Radioactivity, Thermodynamics(Till 3rd law of thermodynamics)	11th Full Syllabus + Chemical Bonding.	11th Full Syllabus + Isomerism, SN2,SN1.
06-30-2019	ADVANCE	Kinematics, Particle Dynamics, Fluid Mechanics,Elasticity & Heat,Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics , Wave Optics (Interference), Electro Statics (up to Dipole)	Permutation & Combination, Straght Line, Circle,Trigonometric Equation, Solution Of Triangles, Compound Angle,Quadratic Equation, Sequence & Series,Logaruthm, Determinant, Function, ITF, Limits,Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Tengtent normal.	Stoichiometry(mole & redox), Chemical Equilibrium & Ionic Equilibrium + Redox, Chemical Kinetics, Radioactivity, Thermodynamics, Thermo Chemistry.	11th Full Syllabus + Chemical Bonding, Co-ordination Compound (Till werners theory)	11th Full Syllabus + Isomerism, Application of Isomerism,Substitution.
07-21-2019	MAIN	Kinematics, Particle Dynamics,Fluid Mechanics,Elasticity & Heat, KTG & Thermodynamic, Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics Including Instuments, Wave Optics (Interference,Diffraction,Polarisation), Electro Statics.	11th Full Syllabus + Function, ITF, Limits,Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Application Of Derivative	11th Full Syllabus + Redox, Chemical Kinetics, Radioactivity, Thermodynamics, Thermo Chemistry, Electro Chemistry(Till EMF calculation)	11th Full Syllabus + Chemical Bonding, Co-ordination Compound.	11th Full Syllabus + Isomerism, Application of Isomerism,Substitution & Elimination.

08-11-2019	ADVANCE	Kinematics, Particle Dynamics, Fluid Mechanics, Elasticity & Heat, KTG & Thermodynamic, Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics, Wave Optics (Interference), Electro Statics, Gravitation, Current Electricity (Upto Kirchoff law).	11th Full Syllabus + Function, ITF, Limits, Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Application Of Derivative, Differential Equation.	11th Full Syllabus + Redox, Chemical Kinetics, Radioactivity, Thermodynamics, Thermo Chemistry, Electro Chemistry	11th Full Syllabus + Chemical Bonding, Coordination Compound, Metallurgy (Till general method of extraction)	11th Full Syllabus + Isomerism, Application of Isomerism, Substitution & Elimination
09-08-2019	MAIN	11th Full Syllabus + Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics Including Instruments, Wave Optics (Interference, Diffraction, Polarisation, Electro Statics, Gravitation, Current Electricity (including Instruments), Capacitor, Magnetic Effect of Current (UP to Biot-savart law).	11th Full Syllabus + Function, ITF, Limits, Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Application Of Derivative, Differential Equation, Vector, Area Under Curve, Matrices.	11th Full Syllabus + Redox, Chemical Kinetics, Radioactivity, Thermodynamics, Thermo Chemistry, Electro Chemistry, Liquid Solution.	11th Full Syllabus + Chemical Bonding, Coordination Compound, Metallurgy, Types Of Reaction (Till ion exchange)	11th Full Syllabus + Isomerism, Application of Isomerism, Substitution & Elimination, Grignard Reagent, Aldol, Cannizzaro
09-29-2019	ADVANCE	11th Full Syllabus + Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics, Wave Optics (Interference, Electro Statics, Gravitation, Current Electricity (including Instruments), Capacitor, Magnetic Effect of Current, Electromagnetic induction (Upto Faraday law and Lenz law)	11th Full Syllabus + Function, ITF, Limits, Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Application Of Derivative, Differential Equation, Vector, Area Under Curve, Matrices, 3D, Bernoulli Distribution.	11th Full Syllabus + Redox, Chemical Kinetics, Radioactivity, Thermodynamics, Thermo Chemistry, Electro Chemistry, Liquid Solution, Solid State	11th Full Syllabus + Chemical Bonding, Coordination Compound, Metallurgy, Types Of Reaction.	11th Full Syllabus + Isomerism, Application of Isomerism, Substitution & Elimination, Grignard Reagent, Carbonyl Compound.
10-20-2019	MAIN	11th Full Syllabus + Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics Including Instruments, Wave Optics (Interference, Diffraction, Polarisation, Electro Statics, Gravitation, Current Electricity (including Instruments), Capacitor, Magnetic Effect of Current, Electromagnetic Induction and (A.C.).	11th Full Syllabus + Function, ITF, Limits, Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Application Of Derivative, Differential Equation, Vector, Area Under Curve, Matrices, 3D, Probability, Conjugate, Modulus and Argument of Complex.	11th Full Syllabus + Redox, Chemical Kinetics, Radioactivity, Thermodynamics, Thermo Chemistry, Electro Chemistry, Liquid Solution, Solid State, Surface Chemistry.	11th Full Syllabus + Chemical Bonding, Coordination Compound, Metallurgy, Types Of Reaction, Salt Analysis & S & P Block Chemistry.	11th Full Syllabus + Isomerism, Application of Isomerism, Substitution & Elimination, Grignard Reagent, Carbonyl Compound, POC, Carbene & Nitrene.

11-17-2019	ADVANCE	11th Full Syllabus + Mechanical Wave, Viscosity & Surface Tension, Geometrical Optics, Wave Optics (Interference,)), Electro Statics, Gravitation, Current Electricity (including Instruments), Capacitor, Magnetic Effect of Current, Electromagnetic Induction and (AC),Modern Physics (upto photo electric effect).	11th Full Syllabus + Function, ITF, Limits,Continuity, Differentiability, Method of Differentiation, Indefinite Integration, Definite Integration, Application Of Derivative, Differential Equation, Vector, Area Under Curve, Matrices, 3D,Probability, Complex Number, Parabola & Ellipse.	Full Syllabus	Full Syllabus	11th Full Syllabus + Isomerism, Application of Isomerism, Substitution & Elimination, Grignard Reagent, Carbonyl Compound, POC, Carbene & Nitrene, Biomolecule.
12-08-2019	MAIN	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus