

TEST GRID (SESSION 2019-20)

Course VIJETA (JP)

Course Commencement on 01-April-2019 & Completion -29-November-2019

TEST DATE	TEST TYPE	SYLLABUS (PHYSICS)	SYLLABUS (CHEMISTRY)	SYLLABUS (MATHEMATICS)	KVPY (BIOLOGYH)
19-May-19	APT-1	Geometrical Optics, Electrostatics (Up to electric field), KTG & Thermodynamics, SHM, String wave, Sound waves, Calorimetry & Thermal expansion	Stereoisomerism, IUPAC Nomenclature & structural isomerism, ABC-1 & 2 Solution & Colligative Properties, Coordination Compound, Thermodynamics, s-Block Element & Ionic Equilibrium & ChemInfo (till date)	Relation & Function, Limits (Upto expansion), Fundamentals of Mathematics-I & II, Trigonometry	
23-May-19	BPT-1	Geometrical Optics	Stereoisomerism, IUPAC, Solution & Colligative Properties, Coordination Compound,	Relation & Function	
16-Jun-19	MCT-1	Geometrical Optics, Electrostatics, Gravitation, Current electricity (upto resistance), KTG & Thermodynamics, SHM, String wave, Sound waves, Calorimetry & Thermal expansion	Stereoisomerism, ORM-I, ORM-II (only Electrophilic Aromatic substitution reaction), ABC-3 & 4 Solution & Colligative Properties, Coordination Compound, Solid State, Electrochemistry (Upto uo Farady's law of electrolysis, Cell's lead storage batteries & fuel cell), Gaseous state, Chemical Bonding	Relation & Function, Limits, Continuity, Differentiability, Method of Differentiation, Application of Derivatives (Upto Tangent-Normal and Normal), Fundamentals of Mathematics-I & II, Trigonometry, Statistics, Mathematical Reasoning	
07-Jul-19	KVPY TEST-1	TILL TAUGHT Only for KVPY Aspirants	TILL TAUGHT Only for KVPY Aspirants	TILL TAUGHT Only for KVPY Aspirants	
21 July 2019	APT-2	Gravitation, Current electricity, Measurement error & Experiments, Heat Transfer, Capacitance, Kinematics, NLM, Friction, WPE	ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis & GOC-I Electrochemistry, Metallurgy, Qualitative Analysis (Only anion), p-Block (13-14 group), Chemical Bonding, Mole concept	Continuity, Differentiability, Method of Differentiation, Application of Derivatives, Matrices & Determinant, Indefinite Integration (Upto By Parts), Straight Line, Circle, Conic Section	
24 July 2019	BPT-2	Electrostatics, Current electricity	ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis Electrochemistry, Metallurgy, Coordination Compound, Solid state	NCERT Chapter:-02,05,06	

28 July 2019	KVPY TEST-2	<p>XI syllabus complete Geometrical optics, Electrostatics Gravitation, Measurement and error, Current electricity, Heat transfer, Capacitance, EMF</p> <p>Only for KVPY Aspirants</p>	<p>XI Syllabus Complete Electrochemistry, Metallurgy, Qualitative Analysis (Only anion), p-Block (13-15 group)</p> <p>Stereoisomerism, Chemical Kinetics, Reaction Reagents, Preparation of Grignard Reagents, ORM-I & ORM-II and IUPAC Nomenclature & Structural Isomerism, Structure Identification</p> <p>Only for KVPY Aspirants</p>	<p>XI Syllabus complete, Matrices & determinant, Differential calculus, Integral Calculus</p> <p>Only for KVPY Aspirants</p>	<p>Plant Anatomy+ Ecology-Organism and Population + Plant growth + Development + XII (Full syllabus Except Application of Biotechnology & Evolution) + Biomolecules + Human Physiology upto Excretion</p> <p>Only for KVPY Aspirants</p>
11 August 2019	ACT-1	<p>Geometrical Optics, Electrostatics, Gravitation, Current electricity, Measurement error & Experiments, Heat Transfer, Capacitance, EMF, Kinematics, NLM, Friction, WPE</p>	<p>ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III, ORM-IV</p> <p>Solution & Colligative Properties, Solid State, Coordination Compound, Electrochemistry, p-Block (15-16 group)</p>	<p>Relation & Function, Limits, Continuity, Derivability, Method of Differentiation, Application of Derivatives, Matrices & Determinant, Indefinite Integration, Definite Integration & Its Application (Except Area under curves), Fundamentals of Mathematics-I & II, Trigonometry, Straight Line, Circle, Conic Section, Quadratic Equation, Sequence & Series, Solution of Triangle</p>	
25 August 2019	BPT-03	EMF, CAPACITANCE	ORM-1, ORM-2, Reduction, Oxidation & Hydrolysis, ORM-2, ORM-IV	NCERT Chapter:-03,04	
01 September 2019	KVPY TEST-3	<p>XI syllabus complete Geometrical optics, Electrostatics Gravitation, Measurement and error, Current electricity, Heat transfer, Capacitance, EMF, EMI, AC</p> <p>Only for KVPY Aspirants</p>	<p>XI Syllabus Complete Solution & Colligative Properties, Coordination Compound, solid state, Electrochemistry, Metallurgy, Qualitative Analysis (Only anion), p-Block (13-18 group), Equivalent concept & titrations, Chemical Kinetics(up to Monitoring the progress of reaction)</p> <p>Stereoisomerism, ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III, ORM-IV, Aromatic Compound, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives</p> <p>Only for KVPY Aspirants</p>	<p>XI Syllabus complete, Matrices & determinant, Differential calculus, Integral Calculus, Probability</p> <p>Only for KVPY Aspirants</p>	<p>Organism and Population + Eco system + Respiration + Photosynthesis + Full Syllabus (XI+XII) Except chemical coordination & Integration</p> <p>Only for KVPY Aspirants</p>
08 September 2019	MCT-02	<p>Rectilinear Motion, Projectile Motion, Relative motion, Geometrical Optics, NLM, Friction, WPE, Electrostatics, Gravitation, Current electricity up to Electric power and battery.</p> <p>COMMON WITH JR/ER</p>	<p>POC-I, GOC-I & GOC-II (upto Basic strength of organic compounds)</p> <p>Mole concept, QMM, Periodic Table & Real Gas, Chemical Bonding, Chemical Equilibrium (All ChemInfos and Handouts Till date)</p> <p>COMMON WITH JR/ER</p>	<p>Fundamentals of Mathematics, Quadratic Equation, Relation, Function & ITF, Statistics, Sequence & Series, Matrices & Determinant, Straight Line</p> <p>COMMON WITH JR/ER</p>	

15 September 2019	MCT3	Geometrical optics, Electrostatics, Gravitation, Current electricity, Measurement and error and experiments, Heat transfer, Capacitance, EMF, EMI, AC, Modern Physics-I upto matter waves , XI Syllabus complete	Stereoisomerism, ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III, ORM-IV, Aromatic Compound, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives MCT-3 (Mains) : Solution & Colligative Properties, Coordination Compound, solid state, Electrochemistry, Metallurgy, Qualitative Analysis (Only anion), p-Block (13-18 group), Equivalent concept & titrations, Chemical Kinetics(up to Monitoring the progress of reaction)	Relation & Function, Limits, Continuity, Differentiability, Method of Difference, Application of Derivatives, Matrices & Determinant, Indefinite Integration, Definite Integration & Its Application, Differential Equation, Probability, Fundamentals of Mathematics-I & II, Trigonometry, Straight Line, Circle, Conic Section, Sequence & Series, Quadratic Equation, Solution of Triangle, Statistics, Mathematical Reasoning	
06 October 2019	KVPY TEST-4	XI & XII syllabus complete Geometrical optics, Electrostatics Gravitation, Measurement and error, Current electricity, Heat transfer, Capacitance, EMF, EMI, AC, Modern Physics-I Only for KVPY Aspirants	XI & XII syllabus complete Solution & Colligative Properties, Coordination Compound , solid state, Electrochemistry, Metallurgy , Qualitative Analysis (Only anion), p-Block (13-16 group) (15-18 group), Equivalent concept & titrations XI & XII syllabus complete IUPAC Nomenclature & Structural isomerism, Structure identification, GOC-II, Stereoisomerism, Chemical Kinetics, Reaction Reagent, Grignard Reagent, ORM-I ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III & ORM-IV, Aromatic Compounds Acid & Acid Derivatives, Biomolecules Only for KVPY Aspirants	XI & XII syllabus complete Matrices & determinant, Differential calculus, Integral Calculus, Probability, Vector -3D, Complex Number Only for KVPY Aspirants	Full syllabus (XI + XII) Only for KVPY Aspirants
13 October 2019	APT-04	Capacitance, EMF, EMI, AC, Modern Physics-I, Nuclear Physics, XI syllabus complete	ORM-IV, Aromatic Compound, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives, Biomolecules p-Block (15-18 group), BIN Chemical Kinetics, Surface Chemistry	Definite Integration & Its Application, Differential Equation, Probability, Vector & 3-D (Except Straight Line & Plane), Binomial Theorem and P & C	
16 October 2019	BPT-4	EMI, AC, Modern Physics-I	ORM-IV, Aromatic Compound, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives, Biomolecules p-Block (15-18 group), BIN Chemical Kinetics, Surface Chemistry	NCERT chapter- 07,08,09	

20 October 2019	BMPT-02	Gravitation, Current electricity, Measurement error & Experiments, Heat Transfer, Capacitance, Kinematics, NLM, Friction, WPE CAPACITANCE, CIRCULAR MOTION, COM, RBD COMMON WITH JR/ER	ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis & GOC-I Electrochemistry, Metallurgy, Qualitative Analysis (Only anion), p-Block (13-14 group), Chemical Bonding, Mole concept ELECTROCHEMISTRY, ORM-II COMMON WITH JR/ER	Continuity, Differentiability, Method of Differentiation, Application of Derivatives, Matrices & Determinant, Indefinite Integration (Upto By Parts) Quadratic Equation, Function & ITF, Sequence & Series, Matrices & Determinant, Straight Line, Circle, Limits, Continuity & Derivability, AOD, M.R., Conic Section COMMON WITH JR/ER
17 November 2019	ACT-04	Complete XI & XII syllabus	FULL SYLLABUS Solution & Colligative Properties, Solid State, Coordination Compound, Electrochemistry, Metallurgy, Qualitative Analysis, p-Block (15-18 group), Equivalent concept & titrations, Chemical kinetics, surface chemistry, d-block	Relation & Function, Limits, Continuity, Differentiability, Method of Difference, Application of Derivatives, Matrices & Determinant, Indefinite Integration, Definite Integration & Its Application, Differential Equation, Probability, Vector & 3-D, Fundamentals of Mathematics-I & II, Trigonometry, Straight Line, Circle, Conic Section, Sequence & Series, Quadratic Equation, Solution of Triangle, Binomial Theorem and P & C
24 November 2019	B-MCT-03	Rectilinear Motion, Projectile Motion, Relative motion, Geometrical Optics, NLM, Friction, WPE, Electrostatics, Gravitation, Current electricity, Capacitance, Circular Motion, Centre of mass, RBD, SHM, String wave, Sound wave up to speed of sound waves (Common with JR/ER)	Stereoisomerism (Mains), ORM-I & ORM-II, Reduction, Oxidation Mole concept, QMM, Periodic table, Real Gas, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium (elementary), Coordination compounds, Electrochemistry, Metallurgy, Qualitative Analysis-I, p-Block (Halogen & Noble gases) (All ChemInfos and Handouts Till date) (Common with JR/ER)	Fundamentals of Mathematics, Quadratic Equation, Relation, Function & ITF, Statistics, Sequence & Series, Matrices & Determinant, Straight Line, Circle, Limits, Continuity & Derivability, Mathematical Reasoning, Application of Derivatives, Conic Section, Indefinite Integration (Common with JR/ER)
30 November 2019	BPT-5			FULL SYLLABUS 3 HRS
01 December 2019	BPT-5	FULL SYLLABUS 3 HRS	FULL SYLLABUS 3 HRS	
Mains-1 Revision Program(JP/EP)				
04 December 2019	MPT-01	Kinematics, Newton's Laws of Motion, Friction, WPE., Circular Motion, Centre of Mass, Rigid Body Dynamics.	ABC-1, 2, 3, 4, ORM-I, Grignard Reagent, Carbonyl compounds, Acid & Acid derivatives, Coordination Compounds, Metallurgy, p-block and s-block elements	FOM, Quadratic, Sequence and Series, Trigonometry, Straight lines, Circles, Conics

11 December 2019	MPT-02	SHM, Fluid Mechanics, Elasticity & Viscosity and Surface Tension.,String Waves, Sound Waves & KTG & Thermodynamics, Calorimetry and Thermal Expansion.	IUPAC Nomenclature, Structure Identification, Structural Isomerism & Stereoisomerism, ORM-II, Preparation of Hydrocarbon, Aromatic Compounds, Solid State, Solution,Colligative Properties & Surface Chemistry, Electrochemistry	Binomial, Permutation and Combination, Probability,Matrix and Determinats, Complex Numbers
18 December 2019	MPT-03	Geometrical Optics, Electrostatics, Gravitation.,Current Electricity, Heat Transfer, Measurement Error & Experiments & Capacitance	GOC-I & GOC-II, Biomolecules, Polymers, Chemistry in everyday life, Environmental Chemistry, POC-I & II, Physical Properties, Chemical Kinetics, Thermodynamic & Gaseous State (Real + Ideal Gases), d & f-block, Qualitative Analysis, Chemical Bonding, Periodic table & BIN	Statistics, Mathematical Reasoning, Sets and Relations, Functions and ITF,Indefinite and Definite integration, Differential Equations
25 December 2019	MPT-04	EMF, EMI, Alternating Current, Wave optics,,Modern Physics-I, Nuclear Physics, Semiconductors, EMW, Principle of Communication.	ORM-III, ORM-IV, Reduction, Oxidation & Hydrolysis, Chemical Equilibrium, Ionic Equilibrium, Atomic Structure, Mole concept & Equivalent concept	Vector and 3D, SOT,MOD, LCD and AOD
26 December 2019	MMT-1	XII SYLLABUS	XII SYLLABUS	XII SYLLABUS
28 December 2019	AMT-1	XII SYLLABUS	XII SYLLABUS	XII SYLLABUS
29 December 2019	AIOT (MAIN)	XII SYLLABUS	XII SYLLABUS	XII SYLLABUS
02 January 2020	MMT-2	COMMON WITH JR/ER	COMMON WITH JR/ER	COMMON WITH JR/ER
03 January 2020	BMPT-05	COMMON WITH JR/ER	COMMON WITH JR/ER	COMMON WITH JR/ER
27 January 2020	BPT	PHYSICS-FULL SYLLABUS 3 HRS		
28 January 2020	BPT		CHEMISTRY-FULL SYLLABUS 3 HRS	
29 January 2019	BPT			MATHEMATICS-FULL SYLLABUS 3 HRS
16 February 2020	AIOT-2 (MAIN)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
15 March 2020	JPT-01 (MAIN)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
22-Mar-20	JPT-02 (MAIN)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
29-Mar-20	JPT-03 (MAIN)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
26-Apr-20	JPT1(Advanced)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
3-May-20	AIOT (ADVANCED)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS
10-May-20	JPT-02 (ADVANCED)	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS