

Test Grid
BATCH : PRAKHAR-V / PRAKHAR AITS (2026-27)

Date		Test Syllabus Chemistry	Test Syllabus Physics	Test Syllabus Mathematics
Wednesday, 22 April, 2026	MPT-1 (JEE Main Pattern Test)	Mole concept, IUPAC Nomenclature & Structural isomerism XII : Liquid Solution, Stereoisomerism	Kinematics, Geometrical optics	FOM, Trigonometry, Quadratic equation, Relation & function
Monday, 18 May, 2026	MCT-1	Periodic table, IUPAC Nomenclature & Structural Isomerism Liquid Solution, Coordination compound, Stereoisomerism	Geometrical optics, NLM, Friction	Quadratic equation, Sequence & series, Relation & function, ITF
Sunday, 7 June, 2026	ACT-1	Atomic Structure, IUPAC Nomenclature & Structural isomerism Liquid Solution, Coordination compound, Stereoisomerism, ORM-I	Geometrical optics, Electrostatics, Work power energy, Center of mass	Quadratic equation, Sequence & series, Relation & function, ITF, Limits, continuity
Sunday, 28 June, 2026	MPT-2	Structural isomerism Coordination compound, Electrochemistry, Stereoisomerism, ORM-I	Electrostatics, Gravitation, RBD	Relations & function, ITF, Limits, continuity & Derivability, MOD
Sunday, 19 July, 2026	MCT-2	Chemical bonding, GOC-I Liquid Solution, Coordination compound, Electrochemistry Stereoisomerism, ORM-I, ORM-II	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, SHM	Binomial theorem, Permutation & combination, Relation, function, ITF, Limis, continuity & Derivability, MOD, AOD
Sunday, 16 August, 2026	ACT-2	Chemical equilibrium, GOC-I Liquid Solution, Coordination compound, Electrochemistry, Chemical kinetics, Stereoisomerism, ORM-I, ORM-II, Reduction oxidation & Hydrolysis	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance, Fluid mechanics, Surface tension	Straight line, circle, function, ITF, Limits, continuity & Derivability, MOD, AOD, Matrices & Determinant
Sunday, 13 September, 2026	MPT-3	Thermodynamics, GOC-II, Chemical kinetics, Qualitative analysis, ORM-II, Reduction oxidation & Hydrolysis, ORM-III	Current Electricity, Heat transfer, Capcitanace, EMF, KTG, Thermodynamics	Application of derivatives, matrices & determinant, Indefinite integration, Definite integration
Sunday, 4 October, 2026	MCT-3	Thermochemistry, IUPAC Nomenclature & Structural Isomerism Liquid Solution, Coordination compound, Electrochemistry, Chemical kinetics, Qualitative analysis, GIC Stereoisomerism, ORM-I, ORM-II, Reduction oxidation & Hydrolysis, ORM-III, ORM-IV	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance, EMF, EMI, Alternating current, Calorimetry, thermal expansion	Quadratic equation, progression, Trigonometry, straight line, circle, Binomial theorem, p & C, Relation & function, Limits, continuity & Derivability, MOD, AOD, Matrices & Determinant, Indefinite integration, definite integration & Its application, area under curve, Differential equation
Sunday, 25 October, 2026	ACT-3	Ionic Equilibrium, GOC-I, GOC-II Liquid Solution, Coordination compound, Electrochemistry, Chemical kinetics, Qualitative analysis, GIC, P-block, Stereoisomerism, ORM-I, ORM-II, Reduction oxidation & Hydrolysis, ORM-IV, Aromatic compound	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance, EMF, EMI, Alternating current, EMW, Wave optics, Elasticity, Viscosity	Straight line, Circle, relation & function, LCD, MOD, AOD, Matrices & determinant, Indefinite integration, Definite integration & Its application, Differential equation, probability

Thursday, 19 November, 2026	MPT-4	Equivalent concept, Hydrocarbon GIC, P-block, Qualitative analysis, ORM-III, Reduction oxidation & Hydrolysis, ORM-IV, Aromatic compound	EMI, Alternating current, EMW, Wave optics, Modern Physics, Nuclear Physics, Semiconductor, Sound wave, String wave	Differential equations, probability, Vector & 3D
Thursday, 10 December, 2026	MCT-4	Purification method Liquid Solution, Coordination compound, Electrochemistry, Chemical kinetics, Qualitative analysis, GIC, P-block, d & f block Stereoisomerism, ORM-I, ORM-II, Reduction oxidation & Hydrolysis, ORM-IV, Aromatic compound, Carbonyl compound	Full syllabus	Full syllabus
Saturday, 26 December, 2026	FST-1	Full syllabus	Full syllabus	Full syllabus

Note :

ORM_I

Description:

1. Acid-Base Reactions
2. Nucleophilic Addition Reaction of Aldehyde & Ketones
3. SN²Th Reaction of Carboxylic Acid & Their Derivatives

ORM_II

Description:

1. ArSE of Aromatic Compounds
2. Electrophilic Addition of Alkene & Alkynes
3. Free Radical Addition Rx4
4. Free Radical Substitution of Alkanes

ORM_III

Description:

1. Nucleophilic Substitution Rx4 (SN1, SN2, Sni, ArSN2)
2. SN of Alkyl Halides, Alcohols, Ether, Arylhalides

ORM_IV

Description:

1. Elimination Rx4 (E1, E2, Ei, EICB)
2. Elimination in Alkyl, Halide, Alcholols, etc.

Aromatic Compound

Benzene, Phenol, Benzene Diazonium Salt & Amines