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COURSE PLANNER

ACADEMIC SESSION-2024-2025

FOR

AIMS-PRATHAM/PRATHAM-I (XI)
(JEE-2026/For XI-Class Students)



TARGET : IIT-JEE (MAIN + ADVANCED)-2026

PERIODIC TEST SCHEDULE FOR AITS / PRATHAM-I

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	Test Syllabus				Testing Hours
				PHYSICS	CHEMISTRY		MATHEMATICS	
					Physical/Inorganic	Organic		
1	MPT-1	JEE(Main)	07-04-2024	Mathematical Tools, Rectilinear motion	Introduction of Chemistry	IUPAC Nomenclature	Sets, Fundamental of Mathematics	3
2	MCT-1	JEE(Main)	28-04-2024	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion	Introduction of Chemistry, Atomic Structure	IUPAC Nomenclature & Structural Isomerism	Sets, Fundamental of Mathematics	3
3	ACT-1	JEE(Advanced)	19-05-2024	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion	Introduction of Chemistry, Atomic Structure	IUPAC Nomenclature & Structural Isomerism	Sets, Fundamental of Mathematics, Quadratic Equation	3 + 3
4	MPT-2	JEE(Main)	09-06-2024	Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work power energy	Atomic Structure, Mole concept	IUPAC Nomenclature & Structural Isomerism, Structural identification	Quadratic Equation, Trigonometry	3
5	MCT-2	JEE(Main)	30-06-2024	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work, Power and Energy, Circular Motion	Introduction of Chemistry, Atomic Structure, Mole concept, Periodic Table	IUPAC Nomenclature & Structural Isomerism, Structural Identification	Sets, Fundamental of Mathematics, Quadratic Equation, Trigonometry, Sequence & Series	3
6	ACT-2	JEE(Advanced)	21-07-2024	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work, Power and Energy, Circular Motion, Center of mass	Introduction of Chemistry, Atomic Structure, Mole concept, Periodic Table, BIN, Gaseous state	IUPAC Nomenclature & Structural Isomerism, Structural Identification	Sets, Fundamental of Mathematics, Quadratic Equation, Trigonometry, Sequence & Series, Binomial theorem, Permutation & Combination	3 + 3
7	MPT-3	JEE(Main)	11-08-2024	Work, Power and Energy, Circular motion, Center of mass, Rotational Motion	Mole Concept, Periodic Table, BIN, Chemical bonding	IUPAC Nomenclature & Structural Isomerism, Structural Identification	Sequence & Series, Binomial Theorem, Permutation & Combination, Straight line	3
8	MCT-3	JEE(Main)	01-09-2024	Mathematical tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work, Power and Energy, Circular motion, Center of mass, Rotational motion, Simple Harmonic motion	Introduction of Chemistry, Atomic Structure, Mole concept, Periodic Table, Basis Inorganic Nomenclature, Chemical Bonding	IUPAC Nomenclature & Structural Isomerism, Structural Identification	Sets, Fundamental of Mathematics, Quadratic Equation, Trigonometry, Sequence & Series, Binomial Theorem, Permutation & Combination, Straight Line, Mathematical Reasoning, Circle	3
9	ACT-3	JEE(Advanced)	22-09-2024	Mathematical tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work, Power and Energy, Circular motion, Center of mass, Rotational motion, Simple Harmonic motion, Fluid Mechanics	Introduction of Chemistry, Atomic Structure, Mole concept, Periodic Table, Basis Inorganic Nomenclature, Gaseous State, Chemical Bonding, Chemical equilibrium	IUPAC Nomenclature & Structural Isomerism, Structural Identification, GOC-I	Sets, Fundamental of Mathematics, Quadratic Equation, Trigonometry, Sequence & Series, Binomial Theorem, Permutation & Combination, Straight Line, Circle, Solution of triangle	3 + 3
10	MPT-4	JEE(Main)	13-10-2024	Rotational motion, Simple Harmonic Motion, Fluids Mechanics, Viscosity & Elasticity, Calorimetry & Thermal Expansion, KTG & Thermodynamics	Chemical Bonding, Chemical equilibrium, Thermodynamics	GOC-I, GOC-II	Straight Line, Circle, Solution of triangle, Conic section	3
11	MCT-4	JEE(Main)	27-10-2024	Mathematical tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work, Power and Energy, Circular motion, Center of mass, Rotational motion, Simple Harmonic Motion, Fluids Mechanics, Viscosity & Elasticity, Calorimetry & Thermal Expansion, Kinetic theory of gases, Thermodynamics, Wave on string	Introduction of Chemistry, Atomic Structure, Mole concept, Periodic Table, Basis Inorganic Nomenclature, Chemical Bonding, Chemical equilibrium, Thermodynamics, Thermochemistry	IUPAC Nomenclature & Structural Isomerism, Structural Identification, GOC-I, GOC-II, Hydrocarbon	Full Syllabus	3
12	ACT-4	JEE(Advanced)	17-11-2024	Mathematical tools, Rectilinear Motion, Projectile Motion, Relative Motion, Newton's laws of motion, Friction, Work, Power and Energy, Circular motion, Center of mass, Rotational motion, SHM, Fluids Mechanics, Viscosity & Elasticity, Calorimetry, Thermal Expansion, Kinetic theory of gases, Thermodynamics, Wave on string, Sound Wave	Introduction of Chemistry, Atomic Structure, Mole concept, Periodic Table, Basis Inorganic Nomenclature, Gaseous State, Chemical Bonding, Chemical equilibrium, Thermodynamics, Thermochemistry, Ionic Equilibrium	IUPAC Nomenclature & Structural Isomerism, Structural Identification, GOC-I, GOC-II, Hydrocarbon	Full Syllabus	3 + 3
14	FST-1	JEE(Mains)	08-12-2024	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3