

COURSE START : 03/05/2023			
SYLLABUS END : 25/01/2024			
TARGET : XI JEE MAINS			
PHYSICS [P]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
1	Mathematical Tools	12	03.05.2023
2	Rectilinear Motion	6	26.05.2023
3	Projectile Motion	7	08.06.2023
4	Relative Motion	6	22.06.2023
5	NLM	10	05.07.2023
6	Friction	5	22.07.2023
7	Work, Power & Energy	10	02.08.2023
8	Circular Motion	7	19.08.2023
9	Centre of Mass	11	01.02.2023
10	Rigid Body Dynamics	13	26.09.2023
11	Simple Harmonic Motion	7	19.10.2023
12	Fluids	4	01.11.2023
13	Surface Tension	2	14.11.2023
14	Elasticity and viscosity	3	19.11.2023
15	String waves	7	27.11.2023
16	Unit & Dimension	1	18.12.2023
17	Sound Waves	7	25.12.2023
18	KTG & Thermodynamics	7	07.01.2024
19	Calorimetry & Thermal Expansion	4	21.01.2024
20	Buffer	2	26.01.2024
Total No. of Lectures		131	

COURSE START : 03/05/2023			
SYLLABUS END : 25/01/2024			
TARGET : XI JEE MAINS			
CHEMISTRY [C]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
PHYSICAL/ INORGANIC			
1	Introduction to Chemistry	5	03.05.2023
2	Atomic Structure	15	12.05.2023
3	Mole Concept	12	16.06.2023
4	Gaseous State	12	14.07.2023
5	Chemical Equilibrium	8	11.08.2023
6	Thermodynamics & Thermochem.	15	01.09.2023
7	s-Block	5	18.10.2023
8	p-Block (13-14 groups)	7	02.11.2023
9	Ionic Equilibrium	14	10.12.2023
ORGANIC			
1	IUPAC Nomenclature & Structural Isomerism	14	03.05.2023
2	Structural identification & POC-I	11	28.06.2023
3	Periodic Table	7	09.08.2023
4	BIN	3	07.09.2023
5	Chemical Bonding	23	20.09.2023
6	Environmental Chemistry	3	15.11.2023
7	GOC-I	9	22.11.2023
8	GOC-II	11	22.12.2023
Total No. of Lectures		174	

COURSE START : 03/05/2023			
SYLLABUS END : 25/01/2024			
TARGET : XI JEE MAINS			
MATHEMATICS [M]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
1	Fundamentals of Mathematics-I	18	03.05.2023
2	Quadratic Equation	12	08.06.2023
3	Trigonometry	15	30.06.2023
4	Sequence & Series	11	28.07.2023
5	Fundamentals of Mathematics-II	9	17.08.2023
6	Binomial Theorem	10	01.09.2023
7	Permutation & Combination	12	21.09.2023
8	Straight Line	14	13.10.2023
9	Mathematical Reasoning	3	09.11.2023
10	Solution of Triangle	5	15.11.2023
11	Statistics	3	23.11.2023
12	Circle	10	09.12.2023
13	Conic Section	16	23.12.2023
Total No. of Lectures		138	

Sr. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	Periodic Test Syllabus				Testing Hours
				Physics	Chemistry		Mathematics	
					Physical/ Inorganic	Organic		
1	PT-1	JEE (Main)	04-06-2023 (Sunday)	Mathematical Tools	Introduction to Chemistry, Atomic Structure (upto Planck's Quantum Theory, Black Body Radiation)	IUPAC Nomenclature (upto Non-chain terminating)	FOM-I (Up to logarithm Equation)	3
2	CT-1	JEE (Main)	25-06-2023 (Sunday)	Mathematical Tools, Rectilinear Motion, Projectile motion (Upto Projectile motion on inclined plane)	Introduction to Chemistry, Atomic Structure (upto Nuclear Chemistry)	IUPAC Nomenclature & Structural Isomerism (upto Structural isomerism, DU calculation of Hetero atom (N,O,S & X) containing compounds)	FOM-I	3
3	PT-2	JEE (Main)	16-07-2023 (Sunday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion,	Atomic Structure, Mole Concept (upto Basics of oxidation number, Oxidizing and reducing agents)	IUPAC Nomenclature & Structural Isomerism & Structural identification (upto Ozonolysis)	FOM-I, Quadratic Equation	3
4	PT-3	JEE (Main)	06-08-2023 (Sunday)	Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction	Mole Concept, Gaseous State (upto Connecting vessels problems)	Structural Isomerism & Structural identification & POC-I (upto Qualitative Analysis of Organic Compounds Lassaigne test)	Quadratic Equation, Trigonometry	3
5	CT-2	JEE (Main)	20-08-2023 (Sunday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE (Upto Power)	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State(Ideal + Real)	IUPAC Nomenclature & Structural Isomerism	FOM-I, Quadratic Equation, Trigonometry	3

6	PT-4	JEE (Main)	10-09-2023 (Sunday)	Work Power & Energy, Circular Motion	Gaseous State(Ideal + Real), Chemical Equilibrium (upto Le-Chatelier principle)	Structural identification & POC-I & Periodic Table (upto Electron Gain Enthalpies & Electro negativity)	Sequence and Series, Fundamental -II	3
7	PT-5	JEE (Main)	01-10-2023 (Sunday)	Work Power & Energy, Circular Motion, Centre of mass,	Chemical Equilibrium, Thermodynamic & Thermochemistry (upto Adiabatic Process)	POC-I & Periodic Table & BIN	Sequence and Series Fundamental -II, Binomial Theorem	3
8	CT-3	JEE (Main)	22-10-2023 (Sunday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD (Upto Rolling with slipping, Rolling on a moving object.)	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State(Ideal + Real), Chemical Equilibrium, Thermodynamics & Thermochemistry	IUPAC Nomenclature & Structural Isomerism & Structural identification & POC-I, Periodic Table, BIN, Chemical Bonding-1	FOM-I, Quadratic Equation, Trigonometry, Sequence and Series, FOM-II, Binomial Theorem	3
9	PT-6	JEE (Main)	05-11-2023 (Sunday)	Centre of mass, RBD, SHM (Up to Spring block system, combination of spring)	Thermodynamic & Thermochemistry, s-block Elements (upto Solubility in liq NH ₃ + Chemical Reactions, Important compounds of S-block (NaOH and its reactions))	Periodic Table & BIN, Chemical Bonding (upto Molecular Orbital Theory)	Binomial Theorem, Permutation and Combination, Straight Line (Up to Various forms)	3
10	PT-7	JEE (Main)	26-11-2023 (Sunday)	RBD, SHM, Fluid Mechanics, Surface Tension, Elasticity and Viscosity	Thermodynamic & Thermochemistry, s-block & p-block elements (13 & 14 groups)	BIN & Chemical Bonding	Permutation and Combination, Straight Line, Mathematical Reasoning	3

11	CT-4	JEE (Main)	17-12-2023 (Sunday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of mass. RBD, SHM, Fluid mechanics, Surface Tension, Elasticity & viscosity	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State(Ideal + Real), Chemical Equilibrium, Thermodynamics & Thermochemistry, s-block, p-block elements (13 & 14 groups)	IUPAC Nomenclature & Structural Isomerism & Structural identification & POC-I, Periodic Table, BIN, Chemical Bonding, Environmental Chemistry	FOM-I, Quadratic Equation, Trigonometry, Sequence and Series, FOM-II, Binomial Theorem, Permutation and Combination, Straight Line, Mathematical Reasoning	3
12	PT-8	JEE (Main)	31-12-2024 (Sunday)	Fluid Mechanics, Surface Tension, Elasticity and Viscosity, SHM, String wave, Sound waves	s-block & p-block elements (13 & 14 groups), Ionic Equilibrium (upto pH Calculation)	Chemical Bonding, Environmental Chemistry, GOC-I (upto Resonance effect (Drawing Structure))	Mathematical Reasoning, SOT, Statistics, Circle	3
13	CT-5	JEE (Main)	21-01-2024 (Sunday)	Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, String wave and Sound waves, KTG and Thermodynamics	Full Syllabus	IUPAC Nomenclature & Structural Isomerism & Structural identification & POC-I, Periodic Table, BIN, Chemical Bonding, Environmental Chemistry, GOC-I, GOC-II (upto Basic strength)	FOM-I, Quadratic Equation, Trigonometry, Sequence and Series, FOM-II, Binomial Theorem, Permutation and Combination, Straight Line, Mathematical Reasoning, SOT, Statistics, Circle	3
14	MMT	JEE (Main)	28-01-2024 (Sunday)	Full Syllabus (XI)	Full Syllabus	Full Syllabus	Full Syllabus	3
1. Students are advised to refer their notice board for test timings. 2. Student can submit their request to Result Section for re-evaluation in two working days after first display of result.							TOTAL TESTING HOURS	42