



COURSE START : 03/03/2024			
SYLLABUS END : 25/11/2024			
TARGET : XII JEE MAINS			
PHYSICS [P]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
1	Mathematical Tools	7	03.03.2024
2	Geometrical optics	20	17.03.2024
3	Buffer	7	21.04.2024
4	Electrostatics	18	28.04.2024
5	Gravitation	3	27.05.2024
6	Current Electricity	9	30.05.2024
7	Capicitance	8	12.06.2024
8	EMF	11	24.06.2024
9	EMI	10	14.07.2024
10	Alternating Current	4	28.07.2024
11	Mordern Physics - I	8	01.08.2024
12	Nuclear Physics	6	13.08.2024
13	Wave Optics	5	21.08.2024
14	Electromagnetic Waves	1	28.08.2024
15	Semiconductors	4	29.08.2024
16	Principle of Communication	3	04.09.2024

COURSE START : 03/03/2024			
SYLLABUS END : 25/11/2024			
TARGET : XII JEE MAINS			
CHEMISTRY [C]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
PHYSICAL/ INORGANIC			
1	Mole Concept	5	03.03.2024
2	Gaseous State	2	18.03.2024
3	Solid State	6	25.03.2024
4	Solution & Colligative Properties	7	15.04.2024
5	Quantum Mechanical Model of Atom	4	12.05.2024
6	Periodic Table & Properties	2	22.05.2024
7	BIN	1	28.05.2024
8	Chemical Bonding	8	29.05.2024
9	Coordination Compound	7	18.06.2024
10	Chemical Kinetics & Radioactivity	6	03-07-2024
11	Surface Chemistry	3	17.07.2024
12	Chemical Equilibrium	4	24.07.2024
13	Electrochemistry	6	05.08.2024
14	Metallurgy	3	19.08.2024
15	Ionic Equilibrium	6	26.08.2024
16	p-Block Elements (N & O Gases)	3	09.09.2024
17	p-Block Elements (H & N Gases)	2	16.09.2024
18	Real Gases	4	18.09.2024
19	Thermodynamics & Thermochem.	7	10.10.2024
20	Equivalent Analysis	4	28.10.2024
21	p-Block Elements (B & C Family)	3	05.11.2024
22	Qualitative Analysis	3	12.11.2024
23	s-Block Elements	1	19.11.2024

COURSE START : 03/03/2024			
SYLLABUS END : 25/11/2024			
TARGET : XII JEE MAINS			
MATHEMATICS [M]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
1	Fundamental of Mathematics	14	03.03.2024
2	Quadratic Equation	6	27.03.2024
3	Relation, Function & ITF	15	08.04.2024
4	Limits, Continuity & Derivability	12	05.05.2024
5	Method of Differentiation	3	23.05.2024
6	Straight Line + SOT	4	28.05.2024
7	Circle	5	03.05.2024
8	Application of Derivatives	11	10.05.2024
9	Indefinite Integration	5	25.05.2024
10	Definite Integration & Its App.	11	01.06.2024
11	Sequence & Series	5	16.06.2024
12	Statistics	2	23.06.2024

17	Rectilinear Motion	3	09.09.2024
18	Projectile Motion	2	12.09.2024
19	Relative Motion	3	16.09.2024
20	NLM & Friction	8	19.09.2024
21	Work, Power & Energy	5	14.10.2024
22	Circular Motion	4	22.10.2024
23	Centre of Mass	6	29.10.2024
24	Rigid Body Dynamics	8	10.11.2024
25	Simple Harmonic Motion	6	21.11.2024
26	Elasticity	1	28.11.2024
27	Viscosity	1	29.11.2024
28	String Waves	5	01.12.2024
29	Sound Waves	5	06.12.2024
30	Fluids	4	12.12.2024
31	Calorimetry & Thermal Expansion	3	17.12.2024
32	KTG & Thermodynamics	4	20.12.2024
33	Heat Transfer	2	25.12.2024
34	Surface Tension	2	27.12.2024
<b>Total No. of Lectures</b>		<b>196</b>	

24	d & f-Block Elements	1	20.11.2024
<b>ORGANIC</b>			
1	IUPAC Nomenclature	6	03.03.2024
2	Structural Isomerism	2	25.03.2024
3	Structural Identification & POC	3	03.05.2024
4	GOC - I	7	16.05.2024
5	GOC - II	6	07.06.2024
6	Mains Stereoisomerism	5	29.06.2024
7	ORM - I	6	20.07.2024
8	ORM - II	6	10-08-2024
9	Reduction, Oxidation & Hydrolysis	1	31.08.2024
10	ORM - III	7	01.09.2024
11	ORM - IV	5	28.09.2024
12	Aromatic Compound	5	13.10.2024
13	Carbonyl Compounds	5	12.11.2024
14	Carboxylic Acid & Acid Derivatives	1	30.11.2024
15	Carbonyl Comp. & Carboxylic Acid & Acid Derivatives	1	01.12.2024
16	Biomolecules & Polymers	4	07.12.2024
17	Chemistry in Everyday Life, Physical properties & POC - II	2	22.12.2024
18	Biomolecules & Polymers	4	07.01.2025
19	Chemistry in Everyday Life, Physical properties & POC - II	2	20.01.2025
<b>Total No. of Lectures</b>		<b>176</b>	

13	Differential Equation	5	27.06.2024
14	Matrices & Determinant	9	04.07.2024
15	Vector & 3 - D	14	15.07.2024
16	Mathematical Reason	2	04.08.2024
17	Linear Programming	2	15.08.2024
16	Binary Operation	1	17.08.2024
19	Binomial Thoerem	5	18.08.2024
20	Permutation & Combination	9	25.08.2024
21	Probability	8	20.09.2024
22	Complex Number	9	30.09.2024
23	Conic Section	13	14.10.2024
<b>Total No. of Lectures</b>		<b>170</b>	

S.r.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)	07/04/2024 (Sunday)	Mathematical tools and Geometrical optics (Upto Plane mirror)	Mole Concept & Gaseous State	IUPAC Nomenclature	FOM	3
2	CT-1	JEE (Main)	05/05/2024 (Sunday)	Mathematical tools and Geometrical optics Complete	Mole Concept, Gaseous State, Solid State	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, GOC-I (upto Resonance)	FOM, Quadratic Equation, Relation Function ITF (up to Inverse Properties)	3
3	PT-2	JEE (Main)	26/05/2024 (Sunday)	Geometrical Optical, Electrostatics (Upto electric potential)	Solid State & Solution & Colligative Properties	Structural Isomerism, Structural Identification & POC, GOC-I	Quadratic Equation, Relation, Function & ITF, Limits, Continuity & Derivability (up to Limits)	3
4	CT-2	JEE (Main)	16/06/2024 (Sunday)	Geometrical optics, Electrostatics, Gravitation	Mole Concept, Gaseous State, Solid State, Solution & Colligative Properties, Quantum Mechanical model of atom (QMM), Periodic Table & Properties, BIN	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, GOC-I & II	FOM, Quadratic Equation, Relation Function ITF, LCD, MOD, Straight line, SOT	3
5	PT-3	JEE (Main)	30/06/2024 (Sunday)	Electrostatics, Gravitation, Current Electricity	Quantum Mechanical model of atom (QMM), Periodic Table & Properties, BIN & Chemical Bonding	GOC-II & Stereoisomerism	Relation, Function & ITF, Limits, Continuity & Derivability, MOD, Straight Line, SOT, Circle	3

6	CT-3	JEE (Main)	14/07/2024 (Sunday)	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF (Upto Circular path)	Mole Concept, Gaseous State, Solid Solid State, Solution & Colligative Properties, Quantum Mechanical model of atom (QMM), Periodic Table & Properties, BIN, Chemical Bonding, Coordination Compounds (upto Tetrahedral and Square planer splitting)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, GOC-I & II, Stereoisomerism, ORM-I (upto SN2Th reaction of acid (SOCl <sub>2</sub> , ROH, NH <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> & Estrification))	FOM, Quadratic Equation, Relation, Function & ITF, Limits, Continuity & Derivability, MOD, Straight Line, SOT, Circle, AOD	3
7	PT-4	JEE (Main)	04/08/2024 (Sunday)	Capacitance, EMF, EMI (Upto Self inductance)	Coordination Compounds, Chemical Kinetics & Radioactivity, Surface Chemistry (upto Surface Chemistry)	ORM-I & ORM-II (upto Free radical addition reaction)	Circle, AOD, Indefinite Integration, Definite Integration and its Application, Sequence and Series	3
8	CT-4	JEE (Main)	25/08/2024 (Sunday)	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF, EMI, AC, Modern Physics	Mole Concept, Gaseous State, Solid Solid State, Solution & Colligative Properties, Quantum Mechanical model of atom (QMM), Periodic Table & Properties, BIN, Chemical Bonding, Coordination Compounds, Chemical Kinetics & Radioactivity, Surface Chemistry, Chemical Equilibrium, Electrochemistry (upto Electrolysis basics, Faraday's Laws)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, GOC-I & II, Stereoisomerism, ORM-I & II, Reduction, Oxidation & Hydrolysis, ORM-III (upto Substitution reaction of alkyl halide)	FOM, Quadratic Equation, Relation Function ITF, Limits, Continuity & Derivability, MOD, Straight Line, SOT, Circle, AOD, Indefinite Integration, Definite Integration and its Application, Sequence and Series, Statistics, Differential Equation	3

9	PT-5	JEE (Main)	15/09/2024 (Sunday)	EMI, AC, Modern Physics, Nuclear Physics, Wave Optics, EMW, Semiconductor	Surface Chemistry, Chemical Equilibrium, Electrochemistry, Metallurgy, Ionic Equilibrium (upto Weak acids & bases: pH calculations & Buffers)	ORM-II, Reduction, Oxidation & Hydrolysis, ORM-IV (upto Elimination reaction E2)	Sequence and Series, Statistics, Differential Equation, Matrices & Determinant, Vector & 3-D	3
10	CT-5	JEE (Main)	06/10/2024 (Sunday)	Geometrical optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF, EMI, AC, Modern Physics, Nuclear Physics, Wave Optics, EMW, Semiconductor, POC, Rectilinear Motion, Projectile Motion, Relative Motion	Mole Concept, Gaseous State, Solid State, Solution & Colligative Properties, Quantum Mechanical model of atom (QMM), Periodic Table & Properties, BIN, Chemical Bonding, Coordination Compounds, Chemical Kinetics & Radioactivity, Surface Chemistry, Chemical Equilibrium, Electrochemistry, Metallurgy, Ionic Equilibrium, p-block elements (15 to 18 groups)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, GOC-I & II, Stereoisomerism, ORM-I & II, Reduction, Oxidation & Hydrolysis, ORM-III & IV, Aromatic Compounds (upto Preparation reaction of aniline and amines)	FOM, Quadratic Equation, Relation, Function & ITF, Limits, Continuity & Derivability, MOD, Straight Line, SOT, Circle, AOD, Indefinite Integration, Definite Integration and its Application, Sequence and Series, Differential Equation, Matrices & Determinant, Vector and 3D, Mathematical Reasoning, Binomial Theorem	3
11	PT-6	JEE (Main)	03/11/2024 (Sunday)	Semiconductor, POC, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE	Ionic Equilibrium, p-block elements (15 to 18 groups), Real Gases, Thermodynamic & Thermochemistry (upto 2nd law of TD & Entropy calculations)	ORM-IV, Aromatic Compounds, Carbonyl Compounds (upto Cannizzaro reaction)	Vector & 3D, Mathematical Reasoning, Binomial Theorem, Permutation & Combination	3
12	MMT-XI	JEE (Main)	01/12/2024 (Sunday)	XII syllabus	XII syllabus	XII syllabus	XII syllabus	3
13	MMT	JEE (Main)	08/12/2024 (Sunday)	XII syllabus	XII syllabus	XII syllabus	XII syllabus	3
14	MMT	JEE (Main)	15/12/2024 (Sunday)	XI & XII Syllabus	XI & XII Syllabus	XI & XII Syllabus	XI & XII Syllabus	3

15	MT	JEE (Main)	12/01/2025 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
16	MT	JEE (Main)	19/01/2025 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
17	AIOT (Main)	JEE (Main)	26/02/2025 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
<b>Note: 1. Students are advised to refer their notice board for test timings.</b>							<b>TOTAL TESTING HOURS</b>	<b>51</b>