

Target Institutions: IITs | NITs | IIITs | GFTIs | PECs | HEIs

India's Most Planned Institute



JEE (Main + Advanced) Division

Academic Session: 2023-24

COURSE PLANNER

Class: XII+ | Course: VIJAY (JR)

#PlanningSafaltaKi

IITs: Indian Institutes of Technology | NITs: National Institutes of Technology | IIITs: Indian Institutes of Information Technology
GFTIs: Govt.-Funded Technical Institutes | GECs: Govt. Engineering Colleges | PECs: Private Engineering Colleges
HEIs: Higher Education Institutions



Class	Course Name	Phase / Batch Code	Course Starts (Date/Day)	Course Ends (Date/Day)	Target Institutions	Target Examination	Target Year
XII+	VIJAY	01JR	05.06.2023 (Monday)	24.02.2024 (Saturday)	IITs	JEE (Main + Advanced)	2024

COURSE INTRODUCTION

Eligibility	For Class XII Passed (2022-23) Students	Course Type	Yearlong Classroom Contact Programme (YCCP)
Primary Target Examination	JEE (Advanced)	Coaching Mode	Physical Classroom (Offline)
Other Target Examinations(s)	JEE (Main), Board (Class-XII), Olympiads, BITSAT etc.	Medium of Instructions	English & Hindi
Primary Target College (s)	Indian Institutes of Technology (IITs)	Language of Content (Study Material)	English & Hindi
Other Target College (s)	NITs, IITs, GFTIs, Govt./ Pvt. Engineering Colleges, Higher Education Institutions (HEIs)	Testing & Assessment Mode	Paper-Based testing (PBT) & Computer Based Testing (CBT)

COURSE SYNOPSIS

Course Duration	38 Weeks	Total Lectures	594	Classroom Hours (Total)	891 Hrs
Academic Weeks	36 Weeks	Subject-wise Lectures (P,C,M each)	P:198 C:198 M:198	Classroom Hours (Subject Wise)	P: 297 C:297 M:297
Vacation Weeks	02 Weeks	Lecture Per Week (Total)	17	No. of Tests	13
Subjects	Physics, Chemistry & Maths	Lectures Per Week (Subject-wise)	P: 5 C: 6 M: 6	Total Testing Hours	57 Hrs
Syllabus	JEE (Main+ Advanced)	Lecture Duration	1.5 Hr. (90 Min)	Total Academic Hours	948 Hrs

COURSE CONTENT

S#	Content	Purpose	Quantity	No. of Pages	No. of Questions	Remarks
1.	Lecture Notes	Conceptual Learning	594	2970	2970	Self-Made in Classroom
2.	Daily Practice Problems (DPPs)	Practice & Revision	238	714	3448	Subject-wise Booklets
3.	Topic-Wise Sheets/ Modules	Practice & Perfection	92	5793	22332	Topic-wise Sheets
4.	Periodic Tests & Text Solutions	Assessment & Benchmarking	13	777	1278	As per Test Schedule
Total			937	10254	30028	

COURSE PEDAGOGY

S#	Pedagogical Steps/Tools	Learning Advantage / Utility / Benefits
1.	Physical Classroom	• Effective & Efficient Learning Ambiance
2.	Instructor / Faculty	• Subject-Matter Experts (Teachers)
3.	Interactive Classes	• Live-learning & Interaction (Teacher-Student) • Peer-learning (Student-Student) • Doubt Discussion
4.	Lecture Notes	• Hand-written Lecture Notes • Self-Made by Student in the Classroom • Theory, Illustrations, Examples (Solved & Unsolved) • Based on Lecture Content by the Teaching Faculty
5.	Daily Practice Problems (DPPs)	• Homework Tool • For Regular Revision • Discussed in Classroom • Problems from Previous Topics
6.	Sheets/ Modules	• Topic-wise Theory for Conceptual Understanding • Exercises for Homework, Self-Practice & Perfection
7.	Doubt Classes	• One-on-One Doubt Discussion/ Resolution (Teacher-Student) for Individual Needs
8.	Special Classes	• Clinic Classes, Extra Classes etc. for Special Needs
9.	Periodic Assessment Tests (PATs)	• Part Tests (PTs), Cumulative Tests (CTs) for Regular Assessment & Benchmarking of Learning Outcomes
10.	Revision Plan	• Structured Revision • Full Syllabus Mock Tests

* Assuming there are 5 Pages of Lecture Notes Per Lecture | ** Assuming there are 5 Questions / Examples Per Lecture | #Assuming approx 50 Pages Per Test (Test Paper & Solution Booklet)

WEEKLY LECTURE PLANNER

TL: Total Lectures (Week) | CL: Cumulative Lectures | P: Physics | C: Chemistry (P/I: Physical/Inorganic | O: Organic) | M: Mathematics

Week No.	Week Duration		No. of Lecture(s)			TL	CL	Week No.	Week Duration		No. of Lecture(s)			TL	CL	Week No.	Week Duration		No. of Lecture(s)			TL	CL			
	From	To	P	C	M				From	To	P	C	M				From	To	P	C	M					
W-1	05-06	10-06	4	2	2	4	12	12	W-14	04-09	09-09	6	4	2	6	18	216	W-27	04-12	09-12	6	3	3	6	18	411
W-2	12-06	17-06	4	2	2	4	12	24	W-15	11-09	16-09	6	4	2	6	18	234	W-28	11-12	16-12	5	3	2	5	15	426
W-3	19-06	24-06	4	2	2	4	12	36	W-16	18-09	23-09	5	3	2	5	15	249	W-29	18-12	23-12	6	3	3	6	18	444
W-4	26-06	01-07	5	3	2	5	15	51	W-17	25-09	30-09	6	4	2	6	18	267	W-30	25-12	30-12	6	3	3	6	18	462
W-5	03-07	08-07	6	4	2	6	18	69	W-18	02-10	07-10	6	4	2	6	18	285	W-31	01-01	06-01	5	3	2	5	15	477
W-6	10-07	15-07	6	4	2	6	18	87	W-19	09-10	14-10	5	3	2	5	15	300	W-32	08-01	13-01	6	3	3	6	18	495
W-7	17-07	22-07	5	3	2	5	15	102	W-20	16-10	21-10	6	4	2	6	18	318	W-33	15-01	20-01	6	3	3	6	18	513
W-8	24-07	29-07	6	4	2	6	18	120	W-21	23-10	28-10	6	4	2	6	18	336	W-34	22-01	27-01	5	3	2	5	15	528
W-9	31-07	05-08	6	4	2	6	18	138	W-22	30-10	04-11	5	3	2	5	15	351	W-35	29-01	03-02	6	3	3	6	18	546
W-10	07-08	12-08	5	3	2	5	15	153	W-23	06-11	11-11	3	2	1	3	9	360	W-36	05-02	10-02	6	3	3	6	18	564
W-11	14-08	19-08	5	3	2	5	15	168	W-24	13-11	18-11	0	0	0	0	0	360	W-37	12-02	17-02	5	3	2	5	15	579
W-12	21-08	26-08	6	4	2	6	18	186	W-25	20-11	25-11	5	3	2	5	15	375	W-38	19-02	24-02	5	3	2	5	15	594
W-13	28-08	02-09	4	2	2	4	12	198	W-26	27-11	02-12	6	3	3	6	18	393	Total			198	117	81	198	594	

Total Lectures: 594 (P: 198 | C: 198 | M: 198) | Total Classroom Hours: 891 Hrs (P: 297 Hrs. | C: 297 Hrs. | M: 297 Hrs.)

STUDY MATERIAL PLANNER (SHEETS / MODULES)

PHYSICS [P]					CHEMISTRY [C]					MATHEMATICS [M]				
T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date	T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date	T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date
Packet No.1					PHYSICAL/ INORGANIC					Packet No.1				
1	Rectilinear Motion	5		05-Jun-23	1	Mole Concept	6	370	05-Jun-23	1	Fundamentals of Mathematics	15	266	05-Jun-23
2	Projectile Motion	3	206	13-Jun-23	2	Quantum Mechanical model of atom	3	427	26-Jun-23	2	Quadratic Equation	7	224	29-Jun-23
3	Relative Motion	8		19-Jun-23	Packet No.2					Packet No.2				
4	Geometrical Optics	20	341	30-Jun-23	3	Periodic Table	3	156	03-Jul-23	3	Relation, Functions & ITF	14	350	08-Jul-23
Packet No.2					4	Gaseous State	3	80	06-Jul-23	4	Limits, Continuity & Derivability	13	370	26-Jul-23
5	NLM	6	141	26-Jul-23	5	Chemical Bonding	12	665	12-Jul-23	5	Sequence & Series	7	259	10-Aug-23
6	Friction	3	98	02-Aug-23	6	Chemical Equilibrium	6	311	03-Aug-23	6	Straight Line	10	246	21-Aug-23
7	Work, Power & Energy	6	185	05-Aug-23	7	Ionic Equilibrium	10	477	17-Aug-23	7	Circle	9	246	04-Sep-23
8	Electrostatics	19	336	14-Aug-23	8	Coordination compound	8	427	07-Sep-23	8	Method of Differentiation	3	50	14-Sep-23
9	Gravitation	4	147	08-Sep-23	9	Electrochemistry	7	371	25-Sep-23	9	Application of Derivatives	12	344	18-Sep-23
10	Current Electricity	7	344	13-Sep-23	Packet No.3					Packet No.3				
11	Capacitance	8	208	21-Sep-23	10	Metallurgy	3	265	05-Oct-23	10	Mathematical Reasoning	3	157	03-Oct-23
Packet No.3					11	p-Block(N & O)	4	326	11-Oct-23	11	Matrices & Determinant	9	318	06-Oct-23
12	Circular Motion	4	138	02-Oct-23	12	Chemical Kinetics	7	371	19-Oct-23	12	Indefinite Integration	8	203	18-Oct-23
13	Centre of Mass	9	238	06-Oct-23	13	p-Block(H & N)	3	244	01-Nov-23	13	Definite Integration & Its App.	12	388	27-Oct-23
14	Rigid Body Dynamics	14	304	18-Oct-23	14	Solution & Colligative Properties	7	308	20-Nov-23	14	Differential Equation	7	223	22-Nov-23
15	Simple Harmonic Motion	6	170	03-Nov-23	Packet No.4					Packet No.4				
16	String Waves	7	153	22-Nov-23	15	Surface chemistry	4	261	05-Dec-23	15	Statistics	3	117	01-Dec-23
Packet No.4					16	Solid State	6	263	13-Dec-23	16	Vector & 3-D	15	485	05-Dec-23
17	Sound Waves	6	194	01-Dec-23	17	s-Block elements	2	297	27-Dec-23	17	Binomial Theorem	6	226	23-Dec-23
18	Wave Optics	4	127	08-Dec-23	18	Thermodynamics & Thermochem.	8	560	02-Jan-24	18	Conic Section	14	505	30-Dec-23
19	EMF	8	327	13-Dec-23	19	p-Block (B&C Family)	3	269	22-Jan-24	19	Complex Number	8	283	17-Jan-24
20	EMI	8	228	23-Dec-23	20	Qualitative Analysis	8	440	29-Jan-24	20	Permutation & Combination	11	262	26-Jan-24
21	Alternating Current	3	150	02-Jan-24	21	Equivalent concept & titrations	2	206	06-Feb-24	21	Probability	9	256	09-Feb-24
22	Modern Physics-I	7	336	05-Jan-24	22	d & f Block	2	282	12-Feb-24	22	Solution of Triangle	3	132	21-Feb-24
23	Nuclear Physics	4	173	15-Jan-24	ORGANIC									
24	Fluids Mechanics	4	128	19-Jan-24	Packet No.1					Packet No.1				
25	Surface Tension	2	101	24-Jan-24	1	IUPAC Nomenclature	4	208	05-Jun-23					
26	Elasticity & Viscosity	2	104	26-Jan-24	2	Structural Isomerism	5	215	19-Jun-23	Packet No.2				
27	KTG & Thermodynamics	7	336	30-Jan-24	3	Structural Identification POC	5	215	19-Jun-23					
28	Calorimetry & Thermal Expansion	3	104	07-Feb-24	4	GOC-I	7	225	04-Jul-23	Packet No.3				
29	Heat Transfer	4	110	10-Feb-24	5	GOC-II	5	184	26-Jul-23					
30	Electromagnetic Waves	1	82	15-Feb-24	6	Stereoisomerism	9	254	14-Aug-23	Packet No.4				
31	Semiconductor	4	246	16-Feb-24	7	Haloalkanes and Haloarenes	5	200	12-Sep-23					
32	POC	2	76	22-Feb-24	8	Alcohols and Ethers	4	200	02-Oct-23	Packet No.1				
					9	Hydrocarbon (Alkane, alkene, Alkyne)	7	200	16-Oct-23					
					10	Redox reaction	3	200	20-Nov-23	Packet No.2				
					11	Aromatic Hydrocarbon (Benzene)	3	200	28-Nov-23					
					12	Aromatic Compounds (Phenol, Amines)	6	296	05-Dec-23	Packet No.3				
					13	Aldehydes, Ketones and Carboxylic Acids	14	200	20-Dec-23					
					14	Biomolecules Polymer	6	335	29-Jan-24	Packet No.4				
					15	Chemistry in Everyday Life	2	146	12-Feb-24					
					15	Environmental Chemistry	1	152	14-Feb-24					
32	Total	198	5831	NA	37	Total	198	10591	NA	22	Total	198	5910	NA

Total No. of Sheets / Module: 91 (P: 32 | C: 37 | M: 22)

Total No. of Questions: 22332 (P: 5831 | C: 10591 | M: 5910)

Note: A Lecture of 90 minutes usually comprise of 15 minutes of DPP discussion, 30 minutes of Sheet discussion & 45 minutes of Theory Class.

Note: All information provided are tentative and may change.

STUDY MATERIAL (DPPs) PLANNER

S. No.	Subject	Total Lectures	Pattern of DPPs		Total DPPs	Total Questions in DPPs				Total Qs.
			JEE (Main)	JEE (Adv.)		JEE (Main) Pattern	Avg. Qs. Per DPP	JEE (Adv.) Pattern	Avg. Qs. Per DPP	
1	Physics	198	40	40	80	800	20	480	12	1280
2	Chemistry	Physical/ Inorganic	39	39	78	780	20	468	12	1248
		Organic								
3	Mathematics	198	40	40	80	600	15	320	8	920
Total		594	119	119	238	2180	55	1268	32	3448

DISCUSSION PLANNER (DPPs)

S. No.	Week No.	DPP No.				No. of DPPs	S. No.	Week No.	DPP No.				No. of DPPs	S. No.	Week No.	DPP No.				No. of DPPs
		P	C		M				P	C		M				P	C		M	
			P/I	O						P/I	O						P/I	O		
1	Week-1	A1,A2	A1	O	A1,A2	5	14	Week-14	B9,B10,B11	B6,B7	B4	B9,B10,B11	9	27	Week-27	C9C,C10,C11	C5,C6	C3	C9,C10,C11	9
2	Week-2	A3,A4	A2	A1	A3,A4	6	15	Week-15	B12,B13,B14	B8,B9	B5	B12,B13,B14	9	28	Week-28	C12,C13	C7	C4	C12,C13	6
3	Week-3	A5,A6	A3	A2	A5,A6	6	16	Week-16	B15,B16	B10	B6	B15,B16	6	29	Week-29	C14,C15	C8	C5	C14,C15	6
4	Week-4	A7,A8	A4	A3	A7,A8	6	17	Week-17	B17,B18,B19	B11,B12	B7	B17,B18,B19	9	30	Week-30	C16,C17,C18	C9,C10	C6	C16,C17,C18	9
5	Week-5	A9,A10	A5	A4	A9,A10	6	18	Week-18	B20,B21	B13	B8	B20,B21	6	31	Week-31	C19,C20	C11	C7	C19,C20	6
6	Week-6	A11,A12	A6	A5	A11,A12	6	19	Week-19	B22,B23	B14	B9	B22,B23	6	32	Week-32	C21,C22,C23	C12,C13	C8	C21,C22,C23	9
7	Week-7	A13,A14	A7	A6	A13,A14	6	20	Week-20	B24,B25	B15	B10	B24,B25	6	33	Week-33	C24,C25	C14	C9	C24,C25	6
8	Week-8	A15,A16	A8	A7	A15,A16	6	21	Week-21	C1,C2	C1	O	C1,C2	5	34	Week-34	C26,C27	C15,C16	O	C26,C27	6
9	Week-9	A17,A18	A9	A8	A17,A18	6	22	Week-22	C3,C4	C2	O	C3,C4	5	35	Week-35	C28,C29	C17,C18	C10	C28,C29	7
10	Week-10	A19,A20	A10,A11	A9	A19,A20	7	23	Week-23	O	O	O	O	0	36	Week-36	C30,C31	C19,C20	C11	C30,C31	7
11	Week-11	B1,B2,B3	B1,B2	B1	B1,B2,B3	9	24	Week-24	O	O	O	O	0	37	Week-37	C32,C33	C21,C22	O	C32,C33	6
12	Week-12	B4,B5,B6	B3,B4	B2	B4,B5,B6	9	25	Week-25	C5,C6	C3	C1	C5,C6	6	38	Week-38	C34,C35	O	O	C34,C35	4
13	Week-13	B7,B8	B5	B3	B7,B8	6	26	Week-26	C7,C8	C4	C2	C7,C8	6	Total		80	48	30	80	238

Total No. of DPPs: 238 (P:80 | C:78 | M:80) | Total No. of Questions: 3448 (P:1280 | C:1248 | M:920)

STUDY MATERIAL DISTRIBUTION PLANNER

S#	Packet	Distribution Week	Sheets/ Modules (T#)				DPP Booklets			
			PHY (P)	CHEM (C)		MATHS (M)	PHYSICS (P)	CHEMISTRY (C)		MATHEMATICS (M)
				P/I	OC			Physical/ Inorganic (P/I)	Organic (OC)	
1	First	On Course Commencement	1-4	1,2	1,2	1,2	DPP Booklet 01: A1 TO A20	DPP Booklet 01: A1 TO A11	DPP Booklet 01: A1 TO 09	DPP Booklet 01: A1 TO A20
2	Second	First Week of July 2023	5-11	3-9	3-6	3-9	DPP Booklet 02: B1 TO B25	DPP Booklet 02: B1 TO B15	DPP Booklet 02: B1 TO B10	DPP Booklet 02: B1 TO B25
3	Third	Third Week of September 2023	12-16	10-14	7-10	10-14	DPP Booklet 02: C1 TO B35	DPP Booklet 02: C1 TO C22	DPP Booklet 02: C1 TO C11	DPP Booklet 03: C1 TO C35
4	Fourth	Third Week of November 2023	17-32	15-22	11-15	15-22	NA	NA	NA	NA

REVISION PLANNER

S. No.	Particular	For JEE (Main): Session-2	For JEE (Advanced)
1	Start/ End	11.03.2024/ 30.03.2024	15.04.2024 / 31.05.2024
2	Duration	NA	6-7 Weeks
3	No. of DPPs	NA	27
4	DPPs Discussion Hrs.	NA	40
5	No. of Qs. in DPPs	NA	2430
6	No. of Tests	15 JEE (Main) Pattern Test	10
7	Testing Hrs.	45	60
8	No. of Qs in Tests	1350	1080
9	Total No. of Qs	NA	3510
10	Total Academic Hrs.	NA	100

*This is tentative Revision Plan. The detailed day-wise structured Revision Planner shall be provided to the students few weeks before the Commencement Date.

HOLIDAY PLANNER

S. No.	Holiday Schedule		No. of Days	Occasion / Reason
	Start Date / Day	End Date / Day		
1	15 th August 2023 (Tuesday)	15 th August 2023 (Tuesday)	1	Independence Day
2	30 th August 2023 (Wednesday)	30 th August 2023 (Wednesday)	1	Raksha Bandhan
3	09 th November 2023 (Thursday)	18 th November 2023 (Saturday)	10	Deepawali Holidays
4	26 th January 2024 (Friday)	26 th January 2024 (Friday)	1	Republic Day
Total			13	

Note: All information provided are tentative and may change.

PERIODIC TEST PLANNER

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	First Comm. of Tentative Result to Students / Parents	Communication of Final Result to Students / Parents	Uploading of Result on Resonance Website	Physics		Chemistry		Mathematics	Total No. of Ques.	Testing Hours
							Physical	Inorganic & Organic	Physical	Inorganic & Organic			
1	MPT-1	JEE (Main)	01-07-23 (Saturday)	06-07-23 (Thursday)	08-07-23 (Saturday)	11-07-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion.	Mole Concept	IUPAC Nomenclature, Structural Isomerism, Structural Identification	FOM	90 Qs	3 Hrs.	
2	APT-1	JEE (Adv.)	22-07-23 (Saturday)	27-07-23 (Thursday)	29-07-23 (Saturday)	01-08-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics (Upto Lens Formula)	Mole Concept, Quantum Mechanical Model of Atom (GMM), Periodic Table, Gaseous State	IUPAC Nomenclature, Structural Isomerism, Aromaticity, Definition, Condition, Aromaticity in Carbons, Anilenes, Azulene, Azulene Anti Aromatic Compounds)	FOM, Quadratic Equation, Relation, Function & I/F (Up to Properties)	108 Qs	6 Hrs.	
3	MCT-1	JEE (Main)	12-08-23 (Saturday)	17-08-23 (Thursday)	19-08-23 (Saturday)	22-08-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics, Newtons Laws of Motion, Friction.	Mole Concept, Quantum Mechanical Model of Atom (GMM), Periodic Table, Gases	IUPAC Nomenclature, Structural Isomerism, Structural Identification & POC, GOC-I, GOC-II, Stereoisomerism (Upto Basic Strength)	FOM, Quadratic Equation, Relation, Function & I/F, Limits, Continuity & Derivability	90 Qs	3 Hrs.	
4	ACT-1	JEE (Adv.)	02-09-23 (Saturday)	07-09-23 (Thursday)	09-09-23 (Saturday)	12-09-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Geometrical Optics, Newtons Laws of Motion, Friction, Work Power Energy, Electrostatics (Upto ELOF and Electric Flux)	Mole Concept, Quantum Mechanical Model of Atom (GMM), Periodic Table, Gases State, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium (Upto Solubility & Solubility Product)	IUPAC Nomenclature, Structural Isomerism, Structural Identification & POC, GOC-I, GOC-II, Stereoisomerism (Upto Nomenclature (R/S and D/L), Element of Symmetry (POS))	Relation, Function & I/F, Limits, Continuity & Derivability, Sequence & Series, Straight Line	108 Qs	6 Hrs.	
5	MPT-2	JEE (Main)	23-09-23 (Saturday)	28-09-23 (Thursday)	30-09-23 (Saturday)	03-10-23 (Tuesday)	Geometrical Optics, Newtons Laws of Motion, Friction, Work Power Energy, Electrostatics, Gravitation, Current Electricity (Upto Grouping of Cells)	Quantum Mechanical Model of Atom (GMM), Periodic Table, Gases State, Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium, Coordination Compounds (Upto CFT)	POC, GOC-I, GOC-II, Stereoisomerism	Relation, Function & I/F, Limits, Continuity & Derivability, Sequence & Series, Straight Line, Circle	90 Qs	3 Hrs.	
6	APT-2	JEE (Adv.)	14-10-23 (Saturday)	19-10-23 (Thursday)	21-10-23 (Saturday)	24-10-23 (Tuesday)	Geometrical Optics, Newtons laws of motion, Friction, Work Power Energy, Electrostatics, Gravitation, Current Electricity, Capacitance, Circular Motion.	Chemical Bonding, Chemical Equilibrium, Ionic Equilibrium, Coordination Compounds, Electrochemistry, Metallurgy	GOC-I, GOC-II, Stereoisomerism, Haloalkanes and Haloarenes	Relation, Function & I/F, Limits, Continuity & Derivability, Sequence & Series, Straight Line, Circle	108 Qs	6 Hrs.	
7	MCT-2	JEE (Main)	04-11-23 (Saturday)	09-11-23 (Thursday)	11-11-23 (Saturday)	14-11-23 (Tuesday)	MCT 1 + Work Power Energy, Electrostatics, Gravitation, Current Electricity, Capacitance, Circular Motion, Centre of Mass, Rigid Body Dynamics	MCT 1 + Chemical Equilibrium, Ionic Equilibrium, Coordination Compounds, Electrochemistry, Metallurgy, Chemical Kinetics	MCT-1 + GOC-II, Stereoisomerism, Haloalkanes and Haloarenes, Alcohols and Ethers, Hydrocarbon (Alkene) (Upto Free Radical Substitution of Alkene)	MCT 1 + Sequence & Series, Straight Line, Circle, Method of Differentiation, Application of Derivatives, Indefinite Integration	90 Qs	3 Hrs.	
8	ACT-2	JEE (Adv.)	25-11-23 (Saturday)	30-11-23 (Thursday)	02-11-23 (Saturday)	05-11-23 (Tuesday)	ACT 2 + Electrostatics, Gravitation, Current Electricity, Capacitance, Circular Motion, Centre of Mass, Rigid Body Dynamics, Simple Harmonic Motion (Upto Pendulum)	ACT 1 + Ionic Equilibrium, Coordination Compounds, Electrochemistry, Metallurgy, Chemical Kinetics, p-Block Elements (Halogen & Noble Gases)	ACT-1 + Stereoisomerism, Haloalkanes and Haloarenes, Alcohols and Ethers, Hydrocarbon (Alkene, Alkyne)	ACT 1 + Circle, Method of Differentiation, Application of Derivatives, Indefinite Integration, Definite Integration & Its Application	108 Qs	6 Hrs.	
9	MPT-3	JEE (Main)	16-12-23 (Saturday)	21-12-23 (Thursday)	23-12-23 (Saturday)	26-12-23 (Tuesday)	Current Electricity, Capacitance, Circular Motion, Centres of mass, Rigid Body Dynamics, Simple Harmonic Motion, String wave, Sound Wave, Wave Optics.	Coordination Compounds, Electrochemistry, Metallurgy, Chemical Kinetics, p-Block (15 to 18 groups), Solution & Colligative Properties, Surface Chemistry	Haloalkanes and Haloarenes, Alcohols and Ethers, Hydrocarbon (Alkene, Alkyne), Redox Reaction, Aromatic Compounds (Pheno)	Method of Differentiation, Application of Derivatives, Indefinite Integration & Its Application, Differential Equation, Statistics	90 Qs	3 Hrs.	
10	APT-3	JEE (Adv.)	06-01-24 (Saturday)	11-01-24 (Thursday)	13-01-24 (Saturday)	16-01-24 (Tuesday)	Centre of mass, Rigid Body Dynamics, Simple Harmonic Motion, String wave, Sound Wave, Wave Optics, EMF, EMI	Chemical Kinetics, p-Block (15 to 18 groups), Solution & Colligative Properties, Surface Chemistry, Solid State, s-Block Elements	Alcohols and Ethers, Hydrocarbon (Alkene, Alkyne, Alkyne), Redox Reaction, Aromatic Compounds, Aldehydes, Ketones (Upto Beckmann Rearrangement)	Method of Differentiation, Application of Derivatives, Indefinite Integration & Its Application, Differential Equation, Statistics, Vector & 3-D, Binomial Theorem, Conic Section	108 Qs	6 Hrs.	
11	MCT-3	JEE (Main)	27-01-24 (Saturday)	01-02-24 (Thursday)	03-02-24 (Saturday)	06-02-24 (Tuesday)	MCT 2 + Simple Harmonic Motion, String wave, Sound Wave, Wave Optics, EMF, EMI, Alternating current, Modern Physics, Nuclear Physics, Fluid Mechanics (Upto Buoyancy)	MCT 2 + p-Block (Halogen & Noble Gases), Solution & Colligative Properties, Surface Chemistry, Solid State, s-Block Elements, Thermodynamics & Thermochemistry	MCT 2 + Hydrocarbon (Alkene, Alkyne, Alkyne), Redox Reaction, Aromatic Compounds, Aldehydes, Ketones and Carboxylic Acids (Upto SM2Th Reaction of Acid Derivatives)	MCT 2 + Definite Integration & Its Application, Differential Equation, Statistics, Vector & 3-D, Binomial Theorem, Conic Section, Complex Number	90 Qs	3 Hrs.	
12	MT	JEE (Adv.)	24-02-24 (Saturday)	29-02-24 (Thursday)	02-03-24 (Saturday)	05-03-24 (Tuesday)	Full Syllabus	Full Syllabus	Full Syllabus (XI+XII)	Full Syllabus (XI+XII)	108 Qs	6 Hrs.	
13	MT	JEE (Main)	02-03-24 (Saturday)	07-03-24 (Thursday)	09-03-24 (Saturday)	12-03-24 (Tuesday)	Full Syllabus	Full Syllabus	Full Syllabus (XI+XII)	Full Syllabus (XI+XII)	90 Qs	3 Hrs.	
Total Periodic Assessment Tests (PATs): 13 JEE (Main) Pattern: 07 Tests + Testing Time: 21 Hrs. Qs. 630 JEE (Adv.) Pattern: 06 Tests + Testing Time: 36 Hrs. Qs: 648							Total Qs & Testing Hrs.	1278 Qs	57 Hrs.				

Note: All information provided here is tentative and may change.

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