

# India's Most Planned Institute



## JEE (Main + Advanced) Division

Academic Session: 2023-24

# COURSE PLANNER

Class: XII | Course: VIJETA (JP)

#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	VIJETA	01JP	30.01.2023 (Monday)	02.12.2023 (Saturday)	IITs	JEE (Main + Advanced)	2024

### COURSE INTRODUCTION

Eligibility	Students Moving from Class XI (2022-23) to Class XII (2023-24)	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, IIITs, GFTIs, Govt./ Pvt. Engineering Colleges, Higher Education Institutions (HEIs)	Testing & Assessment Mode	Paper-Based testing (PBT) & Computer Based Testing (CBT)

### COURSE CONTENT

S#	Content	Purpose	Units	No. of Pages	No. of Questions	Remarks
1.	Lecture Notes	Conceptual Learning	512	2560*	2560**	Self-Made in Classroom
2.	Daily Practice Problems (DPPs)	Practice & Revision	240	720	3480	Subject-wise Booklets
3.	Topic-Wise Sheets/ Modules	Practice & Perfection	55	3621	14167	Topic-wise Sheets
4.	Periodic Tests & Text Solutions	Assessment & Benchmarking	17	921#	1557	As per Test Schedule
<b>Total</b>			<b>824</b>	<b>7822</b>	<b>21764</b>	

### COURSE SYNOPSIS

Course Duration	43 Weeks	Total Lectures	512 L	Classroom Hours (Total)	768 Hrs
Academic Weeks	41 Weeks	Subject-wise Lectures (P,C,M each)	P: 155 L C: 202 L M: 155 L	Classroom Hours (Subject Wise)	P: 232.5 Hrs C: 303 Hrs M: 232.5 Hrs
Vacation Weeks	02 Weeks	Lecture Per Week (Total)	13 L	No. of Tests	17
Subjects	Physics, Chemistry & Maths	Lectures Per Week (Subject-wise)	P: 4 L C: 5 L M: 4 L	Total Testing Hours	82.5 Hrs
Syllabus	JEE (Main+ Advanced)	Lecture Duration	1.5 Hr. (90 Min)	Total Academic Hours	851 Hrs

### 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				TL	CL	Week No.	Week Duration		No. of Lecture				TL	CL	Week No.	Week Duration		No. of Lecture				TL	CL
	From	To	P	C	O	M				From	To	P	C	O	M				From	To	P	C	O	M		
W-1	30-01	04-02	4	3	2	4	13	13	W-16	15-05	20-05	4	3	3	4	14	173	W-31	28-08	02-09	4	3	2	4	13	376
W-2	06-02	11-02	4	3	2	4	13	26	W-17	22-05	27-05	4	3	3	4	14	187	W-32	04-09	09-09	4	3	2	4	13	389
W-3	13-02	18-02	4	3	2	4	13	39	W-18	29-05	03-06	4	3	2	4	13	200	W-33	11-09	16-09	4	3	2	4	13	402
W-4	20-02	25-02	3	2	2	3	10	49	W-19	05-06	10-06	4	3	3	4	14	214	W-34	18-09	23-09	4	3	2	4	13	415
W-5	27-02	04-03	4	3	2	4	13	62	W-20	12-06	17-06	4	3	3	4	14	228	W-35	25-09	30-09	4	3	2	4	13	428
W-6	06-03	11-03	3	2	2	3	10	72	W-21	19-06	24-06	4	3	2	4	13	241	W-36	02-10	07-10	4	3	2	4	13	441
W-7	13-03	18-03	3	2	2	3	10	82	W-22	26-06	01-07	4	3	3	4	14	255	W-37	09-10	14-10	4	3	2	4	13	454
W-8	20-03	25-03	0	0	0	0	0	82	W-23	03-07	08-07	4	3	3	4	14	269	W-38	16-10	21-10	4	3	2	4	13	467
W-9	27-03	01-04	0	0	0	0	0	82	W-24	10-07	15-07	4	3	2	4	13	282	W-39	23-10	28-10	4	3	2	4	13	480
W-10	03-04	08-04	3	2	2	3	10	92	W-25	17-07	22-07	4	3	3	4	14	296	W-40	30-10	04-11	4	3	2	4	13	493
W-11	10-04	15-04	4	3	2	4	13	105	W-26	24-07	29-07	4	3	3	4	14	310	W-41	06-11	11-11	3	1	1	3	8	501
W-12	17-04	22-04	4	3	2	4	13	118	W-27	31-07	05-08	4	3	2	4	13	323	W-42	13-11	18-11	0	0	0	0	0	501
W-13	24-04	29-04	4	3	3	4	14	132	W-28	07-08	12-08	4	3	3	4	14	337	W-43	20-11	25-11	4	2	1	4	11	512
W-14	01-05	06-05	4	3	3	4	14	146	W-29	14-08	19-08	4	3	2	4	13	350	W-44	27-11	02-12	0	0	0	0	0	512
W-15	08-05	13-05	4	3	2	4	13	159	W-30	21-08	26-08	4	3	2	4	13	363	<b>Total</b>				<b>155</b>	<b>113</b>	<b>89</b>	<b>155</b>	<b>512</b>

**Total Lectures: 512 (P: 155 | C: 202 | B: 155) | Total Classroom Hours: 768 Hrs (P: 232.5 Hrs. | C: 303 Hrs. | B: 232.5 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	
<b>Packet No. 1</b>					PHYSICAL / INORGANIC					<b>Packet No. 1</b>					
1	Geometrical Optics	25	403	30-Jan-23	1	Solution & Colligative Properties	10	339	30-Jan-23	1	Relation, Functions & Inverse Trigonometry Function (ITF)	25	350	30-Jan-23	
2	Electrostatics	25	407	03-Apr-23	2	Coordination Compound	14	456	21-Feb-23	2	Probability	10	256	03-Apr-23	
<b>Packet No. 2</b>					<b>Packet No. 2</b>					<b>Packet No. 2</b>					
3	Gravitation	5	160	17-May-23	3	Solid State	11	287	18-Apr-23	3	Limits, Continuity & Derivability	13	370	20-Apr-23	
4	Current Electricity	12	385	25-May-23	4	Electrochemistry	15	411	15-May-23	4	Method of Differentiation	4	50	15-May-23	
5	Heat Transfer	5	123	15-Jun-23	5	Metallurgy	7	289	19-Jun-23	5	Application of Derivatives	16	344	22-May-23	
6	Capacitance	12	239	26-Jun-23	6	Qualitative Analysis (Anion)	7	207	03-Jul-23	6	Matrices & Determinants	12	318	19-Jun-23	
<b>Packet No. 3</b>					<b>Packet No. 3</b>					<b>Packet No. 3</b>					
7	Electro Magnetic Field (EMF)	14	378	17-Jul-23	7	p-Block (Nitrogen & Oxygen)	9	378	18-Jul-23	7	Indefinite Integration	12	203	11-Jul-23	
8	Electro Magnetic Induction (EMI)	13	281	09-Aug-23	8	Equivalent Concept & Titrations	7	223	08-Aug-23	8	Definite Integration & its App.	16	388	31-Jul-23	
<b>Packet No. 4</b>					ORGANIC					<b>Packet No. 4</b>					
9	Alternating Current	5	169	31-Aug-23	9	Halogens & Noble Gas	6	284	23-Aug-23	9	Differential Equation	8	223	28-Aug-23	
10	Modern Physics-I	11	336	11-Sep-23	10	Chemical Kinetics	10	401	06-Sep-23	10	Linear Programming	2	10	11-Sep-23	
11	Nuclear Physics	7	185	28-Sep-23	11	Surface Chemistry	5	287	02-Oct-23	11	Binary Operation	1	10	13-Sep-23	
12	Electromagnetic Waves	2	82	11-Oct-23	12	Qualitative Analysis (Cation)	5	286	11-Oct-23	<b>Packet No. 4</b>					
13	Wave Optics	8	137	16-Oct-23	13	d & f - Block Element	7	313	25-Oct-23	12	Vectors & 3-D Geometry	21	485	14-Sep-23	
14	Semiconductor	6	246	30-Oct-23	<b>Packet No. 1</b>					13	Complex Number	15	283	23-Oct-23	
15	Principles of Communication (POC)	3	76	08-Nov-23	1	General Organic Chemistry (GOC)-II	6	200	30-Jan-23	<b>Packet No. 1</b>					
16	Measurement Error & Experiments	2	97	22-Nov-23	2	Stereoisomerism	13	283	20-Feb-23	<b>Packet No. 1</b>					
<b>Total</b>					<b>Total</b>					<b>Total</b>					
<b>16</b>		<b>Total</b>	<b>155</b>	<b>3704</b>	<b>NA</b>	<b>26</b>	<b>Total</b>	<b>202</b>	<b>7173</b>	<b>NA</b>	<b>13</b>	<b>Total</b>	<b>155</b>	<b>3290</b>	<b>NA</b>

**Total No. of Sheets / Module: 55 (P: 16 | C: 26 | B: 13)**

**Total No. of Questions: 14167 (P: 3704 | C: 7173 | B: 3290)**

**Note:** A Lecture of 90 Minutes usually Comprises of 15 Minutes of DPP Discussion, 30 Minutes of Sheet Discussion & 45 Minutes of Theory Class.

**Note:** All information provided here is 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 (P)	155	40	40	80	800	20	480	12	1280
2	Chemistry (C)	Physical/ Inorganic (P/I)	40	40	80	800	20	480	12	1280
		Organic (O)								
3	Mathematics (M)	155	40	40	80	600	15	320	8	920
<b>Total</b>		<b>512</b>	<b>120</b>	<b>120</b>	<b>240</b>	<b>2200</b>	<b>55</b>	<b>1280</b>	<b>32</b>	<b>3480</b>

## 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	A1	A1,A2	6	16	Week-16	A27,A28	A15	B4	B5,B6	6	31	Week-31	B20,B21	B12	B19	C11,C12	6
2	Week-2	A3,A4,A5	A2	A2	A3,A4	7	17	Week-17	A29,A30,A31	A16	B5	B7,B8	7	32	Week-32	B22,B23,B24	B13	B20	C13,C14	7
3	Week-3	A6,A7	A3	A3	A5,A6	6	18	Week-18	A32	A17	B6	B9,B10	5	33	Week-33	B25	B14	B21	C15,C16	5
4	Week-4	A8	A4	A4	A7	4	19	Week-19	A33,A34,A35	A18	B7	B11,B12,B13	8	34	Week-34	B26,B27	B15	B22	C17,C18	6
5	Week-5	A9,A10	A5	A5	A8,A9	6	20	Week-20	A36,A37,A38	A19	B8	B14,B15,B16	8	35	Week-35	B28,B29,B30	B16	B23	C19,C20	7
6	Week-6	A11,A12,A13	A6	A6	A10,A11	7	21	Week-21	A39,A40	B1,B2	B9	B17,B18	7	36	Week-36	B31	B17	B24	C21,C22	5
7	Week-7	A14	A7	A7	A12	4	22	Week-22	B1,B2	B3	B10	B19,B20	6	37	Week-37	B32,B33	B18	B25	C23,C24	6
8	Week-8	0	0	0	0	0	23	Week-23	B3,B4,B5	B4	B11	B21,B22	7	38	Week-38	B34,B35	B19	B26	C25,C26,C27	7
9	Week-9	0	0	0	0	0	24	Week-24	B6	B5	B12	B23,B24	5	39	Week-39	B36	B20	B27	C28,C29	5
10	Week-10	A15,A16	A8	A8	A13,A14	6	25	Week-25	B7,B8,B9	B6	B13	B25	6	40	Week-40	B37,B38	B21	B28	C30,C31	6
11	Week-11	A17,A18,A19	A9	A9	A15,A16	7	26	Week-26	B10,B11,B12	B7	B14	C1,C2	7	41	Week-41	B39	B22	0	C32,C33	4
12	Week-12	A20	A10,A11	A10	A17,A18	6	27	Week-27	B13	B8	B15	C3,C4	5	42	Week-42	0	0	0	0	0
13	Week-13	A21,A22	A12	B1	A19,A20	6	28	Week-28	B14,B15	B9	B16	C5,C6	6	43	Week-43	B40	B23	0	C34,C35	4
14	Week-14	A23,A24,A25	A13	B2	B1,B2	7	29	Week-29	B16,B17,B18	B10	B17	C7,C8	7	44	Week-44	0	0	0	0	0
15	Week-15	A26	A14	B3	B3,B4	5	30	Week-30	B19	B11	B18	C9,C10	5	<b>Total</b>	<b>80</b>	<b>42</b>	<b>38</b>	<b>80</b>	<b>240</b>	
<b>Total No. of DPPs: 240</b>		<b>(P: 80   C: 80   M: 80)</b>		<b>Total No. of Questions: 3480</b>		<b>(P: 1280   C: 1280   B: 920)</b>														

## 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	O			Physical/ Inorganic (P/I)	Organic (OC)	
1	First	On Commencement of Class	1, 2	1, 2	1, 2	1, 2	DPP Booklet 01: A1 TO A40	DPP Booklet 01: A1 TO A19	DPP Booklet 01: A1 TO A10	DPP Booklet 01: A1 TO A20
2	Second	First Week of April 2023	3 - 6	3 - 6	3 - 6	3 - 6	DPP Booklet 02: B1 TO B40	DPP Booklet 02: B1 TO B23	DPP Booklet 02: B1 TO B28	DPP Booklet 02: B1 TO B25
3	Third	First Week of July 2023	7 - 11	7 - 11	7 - 9	7 - 11	NA	NA	NA	DPP Booklet 03: C1 TO C35
4	Fourth	First Week of September 2023	12 - 16	12, 13	10 - 13	12, 13	NA	NA	NA	NA

## REVISION PLANNER

S#	Particular	For JEE (Main): Session-1	For JEE (Main): Session-2	For JEE (Advanced)
1	Start/ End	10.12.2023 / 10.01.2024	11.03.2024 / 30.03.2024	15.04.2024 / 31.05.2024
2	Duration	4-5 Weeks	NA	6-7 Weeks
3	No. of DPPs	24	NA	27
4	DPPs Discussion Hrs.	36	NA	40
5	No. of Qs. in DPPs	1800	NA	2430
6	No. of Tests	7	15 JEE (Main) Pattern Test	10
7	Testing Hrs.	21	45	60
8	No. of Qs in Tests	630	1350	1080
9	Total No. of Qs	2430	NA	3510
10	Total Academic Hrs.	57	NA	100

**Note:** 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#	Holiday Schedule		No. of Days	Occasion / Reason
	Start Date / Day	End Date / Day		
1	07 <sup>th</sup> March 2023 (Tuesday)	07 <sup>th</sup> March 2023 (Tuesday)	1	Holi
2	16 <sup>th</sup> March 2023 (Thursday)	02 <sup>nd</sup> April 2023 (Sunday)	15	School Exam (Class XI)
3	15 <sup>th</sup> August 2023 (Tuesday)	15 <sup>th</sup> August 2023 (Tuesday)	1	Independence Day
4	30 <sup>th</sup> August 2023 (Wednesday)	30 <sup>th</sup> August 2023 (Wednesday)	1	Raksha Bandhan
5	09 <sup>th</sup> November 2023 (Thursday)	18 <sup>th</sup> November 2023 (Saturday)	9	Deepawali
<b>Total Holidays</b>			<b>27</b>	

**Note:** All information provided here is 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 Qs	Testing Hours
							Physics	Chemistry	Organic	Mathematics			
1	APT-1	JEE (Adv.)	25-02-23 (Saturday)	02-03-23 (Thursday)	04-03-23 (Saturday)	07-03-23 (Tuesday)	XII : Geometrical Optics (Up to Refraction at Spherical Surface) XI : KTG and Thermodynamics, Calorimetry and Thermal Expansion	XII : Ionic Equilibrium, s-Block Solution & Colligative Properties	XI : IUPAC Nomenclature, Structural Isomerism XII : GOC-II	XI - FDM-I, FDM-II, Trigonometry XII - Relation, Function (Domain, Range, G.F. Classification of Function, Identical)	108 Qs	6 Hrs.	
2	MCT-1	JEE (Main)	18-03-23 (Saturday)	23-03-23 (Thursday)	25-03-23 (Saturday)	28-03-23 (Tuesday)	XI : KTG and Thermodynamics, Calorimetry and Thermal Expansion, SHM, String Wave and Sound Wave XII : Geometrical Optics, Electrostatics (Up to Electric field due to Spherical, Shell and Solid Sphere)	Thermochemistry, p-block (Boron & Carbon Family Solution & Colligative Properties, Coordination Compounds (Up to Valence Bond Theory))	XI : GOC-II, Structural Identification XI : Stereoisomerism (Up to Enantiomer, Diastereomers, Meso Compound)	XI - FDM-I, FDM-II, Trigonometry, BT, P & C XII - Relation, Function IFF	90 Qs	3 Hrs.	
3	ACT-1	JEE (Adv.)	22-04-23 (Saturday)	27-04-23 (Thursday)	29-04-23 (Saturday)	02-05-23 (Tuesday)	XI : Geometrical Optics, Electrostatics (Up to Electric field due to Spherical, Shell and Solid Sphere) XI : Kinematics, NLM, Friction, WPE Circular Motion, Centre of Mass, RBD	XI : Ionic Equilibrium, Thermodynamic & Thermochemistry, s-Block Elements XII : Solution & Colligative Properties, Coordination Compounds	XI : GOC-II, Stereoisomerism, POC	XI - FDM-I, FDM-II, Trigonometry, BT, P & C XII - Relation, Function IFF, Probability	108 Qs	6 Hrs.	
4	APT-2	JEE (Adv.)	13-05-23 (Saturday)	18-05-23 (Thursday)	20-05-23 (Saturday)	23-05-23 (Tuesday)	XII : Geometrical Optics, Electrostatics (Up to ELOF, Electric Field & Gauss's Law) XI : WPE, Circular Motion, Centre of Mass, RBD	XI : Chemical Bonding, Periodic Table, BIN XII : Coordination Compounds, Solid State (Up to Crystal Defects)	XI : GOC-I (Only I, M, HC Effect) XII : Stereoisomerism, Haloalkanes & Haloarenes (Up to Elimination Reaction of Alkyl Halide by E1)	XI - Quadratic Equation, Sequence and Series XII - Function IFF, Probability, LCD (Limit)	108 Qs	6 Hrs.	
5	MCT-2	JEE (Main)	09-06-23 (Saturday)	08-06-23 (Thursday)	10-06-23 (Saturday)	13-06-23 (Tuesday)	XII : MCT 1 + Electrostatics, Gravitation, XI : Kinematics, NLM, Friction, WPE Circular Motion, Centre of Mass, RBD	XI : Chemical Bonding, Periodic Table, BIN XII : MCT 1 + Coordination Compounds, Solid State, Electrochemistry (Up to Thermodynamic Function of Cell Reaction)	XI : GOC-I (Stability of Intermediate), GOC-II XII : Stereoisomerism, Haloalkanes and Haloarenes, Alcohol & Ether (Up to Elimination Reaction of Alcohol by E1)	XI - Quadratic Equation, Sequence and Series, Straight Line, Mathematical Reasoning XII - MCT1 + Probability, LCD, MOD	90 Qs	3 Hrs.	
6	BPT-1	Board	10-06-23 (Saturday)	15-06-23 (Thursday)	17-06-23 (Saturday)	20-06-23 (Tuesday)	Geometrical Optics, Electrostatics, Gravitation, Current Electricity (Up to Relative Potential)	Solution & Colligative Properties, Coordination Compounds, Solid State, Electrochemistry (Up to Cell's, Lead Storage Batteries & Fuel Cell)	Stereoisomerism, Haloalkanes and Haloarenes, Alcohol & Ether	NA	30 Qs	3 Hrs.	
7	ACT-2	JEE (Adv.)	11-06-23 (Sunday)	15-06-23 (Thursday)	17-06-23 (Saturday)	20-06-23 (Tuesday)	XII : ACT 1 + Electrostatics, Gravitation, Current Electricity, XI : ACT 1 + WPE Circular Motion, Centre of Mass, RBD, Fluid Mechanics	NA	NA	Types of Relation, Function IFF, Probability, Continuity and Differentiability, MOD	15 Qs	1.5 Hrs.	
8	APT-3	JEE (Adv.)	15-07-23 (Saturday)	20-07-23 (Thursday)	22-07-23 (Saturday)	25-07-23 (Tuesday)	XII : Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance (Up to Problems on Dielectric) XI : Fluid Mechanics, Elasticity and Viscosity, Surface Tension	XI : Chemical Bonding, Periodic Table, BIN XII : ACT 1 + Solid State, Electrochemistry	XI : BIN XII : Haloalkanes and Haloarenes, Alcohol & Ether (Up to Miscellaneous Oxidation)	XI - Straight Line, Circle, Conic Section (Parabola Only) XII - LCD, MOD, ADD, Matrix and Determinant	108 Qs	6 Hrs.	
9	MCT-3	JEE (Main)	05-08-23 (Saturday)	10-08-23 (Thursday)	12-08-23 (Saturday)	15-08-23 (Tuesday)	XII : MCT 2 + Current Electricity, Heat Transfer, Capacitance, EMF (Up to Circular path, Helical path) XI : MCT 2 + Fluid Mechanics, Elasticity and Viscosity, Surface Tension	XI : p-Block (13 to 15 groups) XII : MCT 2 + Electrochemistry, Metallurgy, Qualitative Analysis (Anion)	XI : GOC-II, PTB XII : ACT 2 + Alcohol & Ether, Hydrocarbon, Redox reaction, Aromatic Compounds (Up to Chemical Reaction of Phenol)	XI - Straight Line, Circle, Conic Section - Mathematical Reasoning, Statistics XII - MCT-2, ADD, Matrix & Determinant, Indefinite Integration	90 Qs	3 Hrs.	
10	BPT-2	Board	12-08-23 (Saturday)	17-08-23 (Thursday)	19-08-23 (Saturday)	22-08-23 (Tuesday)	BPT 1 + Current Electricity, Heat Transfer, Capacitance, EMF	NA	Hydrocarbon, Redox Reaction, Aromatic Compounds (Up to Benzene)	NA	30 Qs	3 Hrs.	
11	ACT-3	JEE (Adv.)	13-06-23 (Sunday)	15-06-23 (Thursday)	17-06-23 (Saturday)	20-06-23 (Tuesday)	XII : ACT 2 + Heat Transfer, Capacitance, EMF, EM (Up to Time Varying Magnetic Field) XI : ACT 2 + Elasticity and Viscosity, Surface Tension	NA	NA	BPT1 + MOD, ADD, Matrix & Determinant, Indefinite Integration	15 Qs	1.5 Hrs.	
12	APT-4	JEE (Adv.)	16-09-23 (Saturday)	21-09-23 (Thursday)	23-09-23 (Saturday)	26-09-23 (Tuesday)	XII : Capacitance, EMF, EM, Alternating Current, XI : Centre of Mass, RBD, Fluid Mechanics, Elasticity and Viscosity, Surface Tension, Units and Dimensions	XI : Chemical Equilibrium, s-Block Elements XII : Qualitative Analysis (Anion), p-Block (15 to 18 Groups), Equivalent Concept & Titrations	XI : GOC-II, CBO-I & II XI : ACT 2 + Hydrocarbon, Redox Reaction, Aromatic Compounds, Carbonyl Compounds (Up to Nucleophilic Addition Reaction of Carbonyl Compounds)	XI - Quadratic Equation, Sequence and Series, BT and PSC XII - Indefinite Integration, Definite Integration and Its Application, Differential Equation	108 Qs	6 Hrs.	
13	MCT-4	JEE (Main)	07-10-23 (Saturday)	12-10-23 (Thursday)	14-10-23 (Saturday)	17-10-23 (Tuesday)	XII : MCT 3 + EMF, EM, Alternating Current, Modern Physics.   Full Syllabus	XI : Atomic Structure, XII : MCT 3+Qualitative Analysis (Anion & Cation), p-Block (5 to 18 Groups), Equivalent Concept & Titrations, Surface Chemistry, Chemical Kinetics	XI : GOC-II, CBO (Complete) XII : MCT 3 + Aromatic Compounds, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives	XI - Quadratic Equation, Sequence and Series, Mathematical Reasoning, Statistics, BT, PSC XII - ACT 2 + ADD, Matrices & Determinant, Indefinite Integration, Definite Integrations (Excluding Area Under Curve)	90 Qs	3 Hrs.	
14	BPT-3	Board	14-10-23 (Saturday)	19-10-23 (Thursday)	21-10-23 (Saturday)	24-10-23 (Tuesday)	Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance, EMF, EM, Alternating Current, Modern Physics, Nuclear Physics	BPT 2 + Qualitative Analysis (Anion & Cation), p-Block (15 to 18 Groups), Equivalent Concept & Titrations, Surface Chemistry	Aromatic Compounds, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives	NA	30 Qs	3 Hrs.	
15	ACT-4	JEE (Adv.)	11-06-23 (Sunday)	15-06-23 (Thursday)	17-06-23 (Saturday)	20-06-23 (Tuesday)	XII : ACT 3 + EMF, Alternating Current, Modern Physics, Nuclear Physics (Insertion of Thin Sheet) XI : Full Syllabus	NA	NA	BPT2 + Definite Integration and Its Application, Differential Equation, Linear Programming, Binary Operation	15 Qs	1.5 Hrs.	
16	MT	JEE (Main)	28-10-23 (Saturday)	02-11-23 (Thursday)	04-11-23 (Saturday)	07-11-23 (Tuesday)	XII : ACT 3 + EMF, Alternating Current, Modern Physics, Nuclear Physics (Insertion of Thin Sheet) XI : Full Syllabus	XI : Atomic Structure XII : ACT 3 + Equivalent Concept & Titrations, Chemical Kinetics, Surface Chemistry	XI : GOC-II, Environmental Chemistry, Carboxylic Acid & Acid Derivatives, Biomolecules	XI - Full Syllabus (Except Complex number)	108 Qs	6 Hrs.	
17	MT	JEE (Adv.)	02-12-23 (Saturday)	07-12-23 (Thursday)	09-12-23 (Saturday)	12-12-23 (Tuesday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	90 Qs	3 Hrs.	
			16-12-23 (Saturday)	21-12-23 (Thursday)	23-12-23 (Saturday)	26-12-23 (Tuesday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	108 Qs	6 Hrs.	

**Total Periodic Assessment Tests (PATs): 17 | JEE (Main) Pattern: 05 Tests | Testing Time: 15 Hrs. | Qs: 450 | JEE (Adv.) Pattern: 09 Tests | Testing Time: 54 Hrs. | Qs: 972 | Board Pattern: 03 Tests | Testing Time: 13.5 Hrs. | Ques.: 135 | Total Qs & Testing Hrs: 1557 Qs & 82.5 Hrs.**

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

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