

COURSE PLANNER

CLASS-XI | VIKAAS (00JA)

Medium: Eng./Hin. Academic Session: 2019-20

Course Start: 21.11.2018

(Batch will get merged with 01JA on 30th Jun 2019)

Course End: 22.02.2020

Target: JEE (Main+Advanced) 2021

SUBJECT WISE SYLLABUS PLAN

PHYSICS [P]				CHEMISTRY [C]			MATHEMATICS [M]				
S. No.	Topic Name/Sequence	No of Lectures	Starting Date	S. No.	Topic Name/Sequence	No of Lectures	Starting Date	S. No.	Topic Name/Sequence	No of Lectures	Starting Date
1	Mathematical Tool	11	21.11.18	PHYSICAL/ INORGANIC			1	Fundamentals of Mathematics-I	15	21.11.18	
2	Rectilinear Motion	6	17.12.18	1	Introduction to Chemistry	4	15.04.19	2	Quadratic Equation	14	24.12.18
3	Projectile Motion	7	31.12.18	2	Atomic Structure	23	23.04.19	3	Trigonometry	17	10.04.19
4	Relative Motion	8	02.04.19	3	Mole Concept	12	01.07.19	4	Sequence & Series	14	30.05.19
5	NLM	11	22.04.19	4	Gaseous State-I	8	01.08.19	5	Fundamentals of Mathematics-II	9	01.07.19
6	NCERT Discussion	6	29.05.19	5	Chemical Equilibrium	8	20.08.19	6	Binomial Theorem	8	16.07.19
7	Friction	7	12.06.19	6	Gaseous State-II	4	09.09.19	7	Permutation & Combination	12	30.07.19
8	WPE	9	01.07.19	7	s-block	5	17.09.19	8	Straight Line	15	20.08.19
9	Circular Motion	7	22.07.19	8	Thermodynamics & Thermochemistry	15	30.09.19	9	Mathematical Reasoning	3	18.09.19
10	Center of Mass	10	06.08.19	9	p-block (13-14 group)	5	13.11.19	10	Mathematical Induction	2	25.09.19
11	RBD	13	27.08.19	10	Ionic Equilibrium (Elementary)	7	26.11.19	11	Circle	11	30.09.19
12	Simple Harmony Motion	7	30.09.19	11	Ionic Equilibrium (Advanced)	6	11.12.19	12	Solution of Triangle	6	04.11.19
13	Fluid Mechanics	4	14.10.19	ORGANIC			13	Statistics	3	19.12.19	
14	Elasticity & Viscosity	3	04.11.19	1	IUPAC Nomenclature	11	21.11.18				
15	String Waves	7	11.11.19	2	Structural Isomerism	4	12.12.18				
16	Unit & Dimension	1	21.11.19	3	Structural Identification	3	24.12.18				
17	Sound Waves	6	25.11.19	4	ABC-I, II & III	12	31.12.18				
18	KTG & Thermodynamics	7	05.12.19	5	Periodic Table	7	01.07.19				
19	Calorimetry & Thermal Expansion	3	18.12.19	6	BIN	3	16.07.19				
20	Error & Experiment	1	24.12.19	7	Chemical Bonding-I	6	23.07.19				
21	Miscellaneous	12		8	Chemical Bonding-II	6	07.08.19				
				9	Chemical Bonding-III	5	26.08.19				
				10	Chemical Bonding-IV & V	7	04.09.19				
				11	ABC-IV	3	23.09.19				
				12	GOC-I	9	30.09.19				
				13	GOC-II	14	05.11.19				
Total No. of Lectures		146		Total No. of Lectures		187		Total No. of Lectures		146	

DPP DISTRIBUTION SCHEDULE

S.No.	DATE	WEEK	PHYSICS	CHEMISTRY	MATHEMATICS
1.	21.11.18	W-1	Module-A	Module-A	Module-A
2.	01.07.19	W-14	Module-B	Module-B	Module-B
3.	30.09.19	W-27	Module-C	Module-C	Module-C

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PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. Test No.	S. Test Type and No.	Test Pattern	Periodic Test Date	Mode	Uploading of Result on Resonance Website	Periodic Test Syllabus			Testing Hours	
						Physics		Mathematics		
						Chemistry	Organic			
1	APT-1	JEE (Adv.)	30-12-18 (Sunday)		03-01-19 (Thursday)	Mathematical Tools, Rectilinear motion (Upto Motion with uniform acceleration Graphs)	Physical/ Inorganic	IUPAC Nomenclature & Structural Isomerism Complete	Fundamentals of Mathematics-I	6
2	ACT-1	JEE (Adv.)	13-01-19 (Sunday)		17-01-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion		IUPAC Nomenclature, Structural Isomerism, Structural Identification	Fundamentals of Mathematics-I, Quadratic Equation (Upto Theory of equation & transformation of roots)	6
3	APT-2	JEE (Adv.)	21-04-19 (Sunday)		25-04-19 (Thursday)	Rectilinear Motion, Projectile Motion		Structural Isomerism, Structural Identification, ABC-1, 2 & 3	Fundamentals of Mathematics-I, Quadratic Equation	6
4	MCT-1 + BPT-1	JEE (Main) + Board	26-05-19 (Sunday)		30-05-19 (Thursday)	Mathematical Tools, Rectilinear motion, Projectile motion, Relative motion (Section-A)	Introduction to Chemistry & Atomic Structure (upto Photoelectric Effect)	IUPAC Nomenclature, Structural Isomerism	Fundamentals of Mathematics-I, Quadratic Equation	3
5	ACT-2	JEE (Adv.)	16-06-19 (Sunday)		20-06-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM (Up to Section C)	Introduction to Chemistry & Atomic Structure (upto Quantum Nos.)	IUPAC Nomenclature, Structural Isomerism & Structural Identification	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry (Upto Using sum, diff. and product of trigonometric ratios)	6
6	APT-2	JEE (Adv.)	07-07-19 (Sunday)		11-07-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction	Atomic Structure + Mole Concept (upto minimum molecular mass determination)	Structural Isomerism, Structural Identification & ABC-1, 2, 3	Quadratic Equation, Trigonometry, Sequence & Series	6
7	MCT-2 + BPT-2	JEE (Main) + Board	28-07-19 (Sunday)		01-08-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction, WPE	Introduction to Chemistry, Atomic Structure, Mole Concept (upto Balancing of Redox Reactions)	Structural Identification, ABC-1, 2, 3 & Periodic table Complete	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series, Fundamentals of Mathematics-II	3
8	ACT-2	JEE (Adv.)	25-08-19 (Sunday)		29-08-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction, WPE, Circular Motion	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous state-1 (Upto Graham's law)	Periodic table & BN	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series, Fundamentals of Mathematics-II, Binomial Theorem, Permutation & Combination (Upto except: multinomial and rearrangement)	6
9	APT-3	JEE (Adv.)	22-09-19 (Sunday)		26-09-19 (Thursday)	Friction, WPE, Circular Motion, Centre of mass, RBD (Upto Section D)	Mole Concept, Gaseous state-1, Chemical Equilibrium & Gaseous state-2 (upto vial equation)	Chemical Bonding-1, 2, 3 & 4	Sequence & Series, Fundamentals of Mathematics-I, Binomial Theorem, Permutation & Combination, Straight Line (Upto Family of lines)	6
10	ACT-3	JEE (Adv.)	10-11-19 (Sunday)		14-11-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, SHM, Fluid, Surface Tension	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous state-1, Chemical Equilibrium, Gaseous state-2, s-block elements & Thermodynamics (upto II)	Chemical Bonding Complete & GOC-I (Up to Hyperconjugation)	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series, Fundamentals of Mathematics-II, Binomial Theorem, Permutation & Combination, Straight Line, Circle	6
11	APT-4	JEE (Adv.)	01-12-19 (Sunday)		05-12-19 (Thursday)	RBD, SHM, Fluid, Surface Tension, Elasticity & Viscosity, Spring wave, Unit & Dimension	Gaseous state-2, s-block elements, Thermodynamics & Thermochemistry, p-block elements (Group 13 & 14)	GOC-I & Reaction intermediated	Straight Line, Circle, Solution of Triangle, Conic Section (Upto Elementary concepts of Parabola)	6
12	MT	JEE (Main)	27-12-19 (Friday)		02-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
13	MT	JEE (Adv.)	30-12-19 (Monday)		03-01-20 (Friday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
14	AJOT	JEE (Main)	09-02-20 (Sunday)		13-02-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
15	APT-1	JEE (Adv.)	23-02-20 (Sunday)		27-02-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
TOTAL TESTING HOURS										78

Date of Reshuffling of Batches: 01-07-2019, 29-09-2019

Note: 1. Students are advised to refer their notice board for test timings | 2. Their will be no classes on the preceding Saturday before every Pts/ Cts (except BPTs).

3. Student can submit their request to Result Section for re-evaluation in two working days after first display of result.