



COURSE PLANNER

CLASS-XII | VISHWAAS (09JF)

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

Course Start: 27.05.2019 | Syllabus End: 28.12.2019[#]

Target: JEE (Main+Advanced) 2020

TOTAL ACADEMIC HOURS

- ♦ Course Duration: 32 Weeks
- ♦ Total Number of Lectures: 510 (P: 170 | C: 170 | M: 170)
- ♦ Duration of one lecture: 1.5 hrs = 90 minutes
- ♦ Total Duration of Classroom Teaching: 765 hrs
- ♦ Total Duration of Testing Hours (ACTs/APTs/MCTs/MT/AIOT): 99 hrs
- ♦ Total Academic Hours in VISHWAAS Course: 864 hrs

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	6	27.05.19	PHYSICAL/ INORGANIC				1	Fundamental of Mathematics	12	27.05.19
2	Geometrical Optics	18	03.06.19	1	Mole Concept & Gaseous State	6	27.05.19	2	Quadratic Equation	5	10.06.19
3	Electrostatics	18	24.06.19	2	Solid State	6	05.06.19	3	Relation, Function & ITF	13	15.06.19
4	Gravitation	3	15.07.19	3	Solution & Colligative Properties	8	17.06.19	4	Limit Continuity & Derivability	12	01.07.19
5	Current Electricity	10	18.07.19	4	Atomic Structure & Quantum No.	3	01.07.19	5	MOD	3	15.07.19
6	Capacitance	7	30.07.19	5	Periodic Table & Properties	2	04.07.19	6	Straight Line + SOT	10	18.07.19
7	EMF	10	07.08.19	6	BIN	1	09.07.19	7	Circle	5	30.07.19
8	EMI	9	20.08.19	7	Periodic Table, Properties & BIN	1	10.07.19	8	Application of Derivatives	13	05.08.19
9	Alternative Current	3	30.08.19	8	Chemical Bonding	8	15.06.19	9	Mathematical Reasoning	3	21.08.19
10	Modern Physics-1	5	03.09.19	9	Coordination Compound	8	29.07.19	10	Indefinite Integration	7	24.08.19
11	Nuclear Physics	5	09.09.19	10	Chemical Kinetics & Radioactivity	7	12.08.19	11	Definite Integration & Its Application	11	02.09.19
12	Wave Optics	5	14.09.19	11	Surface Chemistry	2	26.08.19	12	Matrices & Determinants	10	14.09.19
13	EMW	1	20.09.19	12	Chemical Equilibrium	4	28.08.19	13	Vector & 3D	13	26.09.19
14	Semiconductor	3	21.09.19	13	Electrochemistry	9	04.09.19	14	Sequence & Series	5	16.10.19
15	POC	2	25.09.19	14	Metallurgy	2	19.09.19	15	Statistics	2	22.10.19
16	Rectilinear Motion	3	27.09.19	15	Ionic Equilibrium	5	24.09.19	16	Linear Programming	1	04.11.19
17	Projectile Motion	2	01.10.19	16	p-block elements (N & O gases)	4	09.10.19	17	Binary Operation	1	05.11.19
18	Relative Motion	2	08.10.19	17	p-block elements (H & N gases)	2	21.10.19	18	Differential Equation	6	06.11.19
19	NLM & Friction	5	10.10.19	18	Real Gases	3	04.11.19	19	Binomial Theorem	5	13.11.19
20	WPE	4	16.10.19	19	Thermodynamics & Thermochemistry	7	11.11.19	20	Permutation & Combination	8	19.11.19
21	Circular Motion	4	21.10.19	20	Equivalent Concept	2	26.11.19	21	Probability	6	28.11.19
22	Center of Mass	6	05.11.19	21	p-block (B & C family)	3	02.12.19	22	Complex No.	8	05.12.19
23	RBD	7	12.11.19	22	Qualitative Analysis	4	09.12.19	23	Conic Section	11	14.12.19
24	SHM	5	20.11.19	23	s-block element	2	17.12.19				
25	String Waves	5	26.11.19	24	d & f block element	2	23.12.19				
26	Sound Waves	5	02.12.19	ORGANIC							
27	Fluid	4	07.12.19	1	IUPAC Nomenclature	5	27.05.19				
28	Calorimetry & Thermal Expansion	3	12.12.19	2	Structural Isomerism	1	10.06.19				
29	KTG & Thermodynamics	5	16.12.19	3	Structural Identification & POC	2	11.06.19				
30	Heat Transfer	2	21.12.19	4	GOC-I & II	12	18.06.19				
31	Elasticity & Viscosity	1	24.12.19	5	Stereoisomerism (Mains)	4	29.07.19				
32	Surface Tension	2	25.12.19	6	ORM-I & II	12	12.08.19				
	Total No. of Lectures	170		7	Reduction, Oxidation & Hydrolysis	1	23.09.19				
				8	ORM-III & IV	10	24.09.19				
				9	Aromatic Compound	5	04.11.19				
				10	Carbonyl Compound	5	13.11.19				
				11	Carboxylic Acid & Acid Derivatives	1	27.11.19				
				12	Biomolecules & Polymers	5	02.12.19				
				13	Organic Reaction Involving Stereochem.	2	11.12.19				
				14	Chemistry in Everyday Life	1	17.12.19				
				15	Physical Properties & POC-II	3	18.12.19				
					Total No. of Lectures	170					
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IMPORTANT: Revision Plan (JEE-Advanced) will get distributed in second week of March 2020

DPP DISTRIBUTION & DISCUSSION SCHEDULE

S.No.	DATE	P/C/M
1	27 May to 01 Sep 19	Module-A
2	02 Sep to 28 Dec 19	Module-B

RESONANCE BOARD WORKSHEET (RBW) SCHEDULE

S.No.	PHYSICS	OC	PC	MATHS
1	17.06.2019	18.11.2019	24.06.2019	24.06.2019
2	08.07.2019	02.12.2019	22.07.2019	05.08.2019
3	12.08.2019	-	12.08.2019	14.10.2019
4	02.09.2019	-	02.09.2019	-
5	23.02.2019	-	30.09.2019	-
6	18.11.2019	-	-	-

COUNSELING SESSIONS SCHEDULE*

WEEK
17 - 22 June 2019
22 - 27 July 2019
14 - 19 October 2019

RESONANCE EDUVENTURES LTD.

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	Uploading of Result on Resonance Website	Periodic Test Syllabus			Testing Hours	
					Physics	Physical/ Inorganic	Chemistry		Organic
1	APT-1	JEE (Adv.)	16-06-19 (Sunday)	27-06-19 (Thursday)	Machematical Tools, Geometrical Optics upto prism.	Mole Concept & Gaseous State, Solid State (upto BCC and FCC structure)	IUPAC Nomenclature, Structural Isomerism	FOM, Quadratic Equation	6
2	MCT-1 + BPT-1	JEE(Main) + Board	07-07-19 (Sunday)	18-07-19 (Thursday)	Geometrical Optics, Electrostatics upto potential energy.	Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties	IUPAC Nomenclature, Structural Identification & POC, GOC-I (upto stability of RS)	FOM, Set, Quadratic Equation, Relation, Function & IIF, Continuity BPT; Relation, Function & IIF	6
3	ACT-1	JEE (Adv.)	21-07-19 (Sunday)	01-08-19 (Thursday)	Geometrical Optics, Electrostatics, Gravitation, Current Electricity upto resistance	Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties, Atomic Structure, Quantum Number, Periodic Table, BIN	Structural Isomerism, Structural Identification & POC, GOC-I & GOC-II (upto Carbocation)	FOM, Quadratic Equation, Function & IIF, Limits, Continuity & Derivability, MOD	6
4	MCT-2 + BPT-2	JEE (Adv.)	11-08-19 (Sunday)	22-08-19 (Thursday)	Geometrical Optics, Electrostatics, Gravitation, Current Electricity	Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties, Atomic Structure, Quantum Number, Periodic Table, BIN, Chemical Bonding, Coordination Compounds (upto CFT)	IUPAC Nomenclature, Structural Identification & POC, GOC-I & GOC-II (upto stability of RS)	FOM, Set, Quadratic Equation, Relation, Function & IIF, Continuity & Derivability, MOD, Straight Line + SOT, Circle	6
5	APT-2	JEE (Adv.)	15-09-19 (Sunday)	26-09-19 (Thursday)	Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF, EMI & AC, Modern Physics & Nuclear Physics.	Solution & Colligative Prop., Atomic Structure, Quantum No., Periodic Table, BIN, Chemical Bonding, Coordination Compounds, Chem. Kinetics & Radioactivity, Surface Chemistry, Chem. Equ.	Structural Isomerism, Structural Identification & POC, GOC-I, GOC-II, Mains Stereoisomerism & ORN-I	Function & IIF, Limits, Continuity & Derivability, MOD, Straight Line + SOT, Circle, ADD, Indefinite Integration	6
6	ACT-2	JEE (Adv.)	13-10-19 (Sunday)	24-10-19 (Thursday)	Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF, EMI & AC, Modern Physics, Nuclear Physics, Wave Optics, Electromagnetic Waves, Semiconductors, Rectilinear Motion, Projectile Motion, Relative Motion, NUM, Friction	Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties, Atomic Structure, Quantum Number, Periodic table, & Radioactivity, Chemical Equilibrium, Electrochemistry, Metallurgy, Ionic Equilibrium (upto Acid base theory, Dissociation of water, pH scale)	GOC-I, GOC-II, Mains Stereoisomerism, ORN-I, ORN-II, Reduction, Oxidation & Hydrolysis, ORN-III (upto SN1 reactions)	FOM, Quadratic Equation, Function & IIF, Limits, Continuity & Derivability, MOD, Straight Line + SOT, Circle, ADD, Indefinite Integration, Matrices & Determinant	6
7	MCT-3 + BPT-3	JEE(Main) + Board	17-11-19 (Sunday)	28-11-19 (Thursday)	EMI & AC, Modern Physics, Nuclear Physics, Wave Optics, Electromagnetic Waves, Semiconductors, Rectilinear Motion, Projectile Motion, Relative Motion, NUM, Friction and WPE, and WPE, Centre of Mass.	Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties, Atomic Structure, Quantum Number, Periodic table, BIN, Chemical Bonding, Coordination Compounds, Chemical Kinetics & Radioactivity, Chemical Equilibrium, Electrochemistry, Metallurgy, Ionic Equilibrium, p-Block (15 to 16) & Real Gases	ORN-I, ORN-II, Reduction, Oxidation & Hydrolysis, Carbonyl Compounds, Carboxylic Acid, Acid Derivatives & Biomolecules	FOM, Set, Quadratic Equation, Relation, Function & IIF, Limits, Continuity & Derivability, MOD, Straight Line + SOT, Circle, ADD, Mathematical Reasoning, Indefinite Integration, Definite Integration, Matrices & Determinant, Vector & 3-D, Sequence & Series, Statistics, Differential Equation BPT, Relation, Function & IIF, Continuity & Derivability, MOD, ADD, Indefinite Integration, Definite Integration, Matrices & Determinant, Vector & 3-D, IIP, Binary Operation, Differential Equation	6
8	APT-3	JEE (Adv.)	15-12-19 (Thursday)	02-01-20 (Thursday)	EMI & AC, Modern Physics, Nuclear Physics, Wave Optics, Electromagnetic Waves, Semiconductors, Rectilinear Motion, Projectile Motion, Relative Motion, NUM, Friction and WPE, Circular Motion, Centre of Mass, RBD, SHM & Waves.	Electrochemistry, Metallurgy, Ionic Equilibrium, p-block Elements (15 to 18 groups), Real Gases & Thermodynamics & thermochemistry, Equivalent concept, p-block Elements (B & C Family)	ORN-II, Reduction, Oxidation & Hydrolysis, Carbonyl Compounds, Carboxylic Acid, Acid Derivatives & Biomolecules	Matrices & Determinant, Vector & 3-D, Binomial Theorem, P & C, Probability, Complex Number	6
9	AMT-1	JEE (Adv.)	28-12-19 (Saturday)	02-01-20 (Thursday)	XII Syllabus	XII Syllabus	XII Syllabus	XII Syllabus	6
10	AJOT-1	JEE (MAIN)	28-12-19 (Sunday)	09-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
11	BPT-MT	BPT (Meds)	30-12-19 (Monday)	09-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
12	BPT-MT	BPT (Phys/ Chem.)	01-01-20 (Wednesday)	10-01-20 (Friday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
13	MVT-1	JEE (MAIN)	02-01-20 (Thursday)	10-02-20 (Friday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
14	AJOT-2	AJOT (MAIN)	16-02-20 (Sunday)	20-02-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
15	JPT-1	JEE (MAIN)	15-03-20 (Sunday)	19-03-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
16	JPT-2	JEE (MAIN)	22-03-20 (Sunday)	26-03-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
17	JPT-3	JEE (MAIN)	28-03-20 (Sunday)	02-04-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
18	JPT-1	JEE (ADV.)	26-04-20 (Sunday)	30-04-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
19	AJOT	JEE (ADV.)	03-05-20 (Sunday)	07-05-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6
20	JPT-2	JEE (ADV.)	10-05-20 (Sunday)	14-05-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	6

Date of Reshuffling of Batches: 14.07.2019

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/ CIs (except BPTs).

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

TOTAL TESTING HOURS

99