

Academic Session: 2017-18

COURSE PLANNER

For Students of

CLASS-XI | ADHAAR (EB01)

Target: JEE (Main) 2019

Medium: English | Hindi

COURSE CONCEPT

A Course which offers ample time of 2 years to become an expert in the curriculum of JEE (Main). The course progresses with basic fundamental study; covering upon the syllabus of boards alongwith the preparation for JEE (Main). The course helps in development of concepts, rigorous practice for board exams, as well as competitive exams, enhancement of analytical thinking and increasing the confidence level of aspirant.

Course Commencement: 29.05.2017 | Course Ends: 14.02.2018

RESONANCE TEACHING METHODOLOGY

Preparation for JEE (Main)

Classroom Teaching

Daily Practice Problems (DPPs)

Study Material (Sheets/Modules)

MPT - Main Pattern Part Test

MCT - Main Pattern Cumulative Test

Doubt Classes

*The support for Fourth subject (English), Fifth subject & Practical is provided by the institute to students on Optional & Nominal Chargeable basis.

Preparation for Board Examination

Classroom Teaching & NCERT Book Discussion

Resonance Board Worksheets (RBWs)

Study Material (Sheets/Modules)

Board (BPTs) Pattern Tests

Doubt Classes

Support for Fourth Subject (English)*

Support for Fifth Subject*

Support for Practical (Physics & Chemistry)

TOTAL ACADEMIC HOURS

- ◆ **Course Duration:** 38 Weeks
- ◆ **Total Number of Lectures: 437** (P: 143 | C: 151 | M: 143)
- ◆ **Duration of one lecture:** 1.5 hrs = 90 minutes
- ◆ **Total Duration of Classroom Teaching:** 656 hrs
- ◆ **Total Duration of Testing Hours (MCTs/MPTs/BPTs/MT/AIOT):** 42 hrs
- ◆ **Total Academic Hours in ADHAAR Course: 698 hrs**

TEACHING/ LEARNING TOOLS

- ◆ **Daily Practice Problems (DPPs):** A handout having problems for home assignment, practice and classroom discussion covering current and previous topics. Most of the DPPs contains upto 10 problems or more.
- ◆ **Board Worksheet:** Questions on board pattern with blank spaces (to write their answers) are provided to students in the form of worksheets. Students after completing the worksheet; have to submit it for evaluation. It ensures written practice of students for board examinations.
- ◆ **Study Material (Sheets/Modules):** Topic wise study material having key concepts, problems for practice in various Exercise Levels and questions asked in previous years (JEE (Main)/ JEE (Advanced) along with school exam material is provided.
- ◆ **Periodic Tests:** Periodic Tests are conducted having part syllabus (Part Tests - PTs) with many problems of seen nature and Tests comprising of the syllabus taught till date (Cumulative Tests - CTs) with unseen problems. Both PTs and CTs are conducted on the pattern of JEE (Main) in offline and online mode. Board Practice Tests (BPTs) are also conducted.

Disclaimer:

- ◆ The Institute reserves the right to increase/decrease the number of lectures allotted to any topic and also make changes in the sequence of the topics of each subject depending upon the course requirements.
- ◆ This Course Planner in all respects is applicable only at Kota (Rajasthan). At other Resonance Study Centres, Students/Parents may find some 'minor' variations to accommodate City specific features/factors.
- ◆ The Topic Start Date mentioned here might vary for batches starting on different dates of the particular course. However the coverage of the content in any topic shall remain the same, it is done by altering the frequency of proposed/planned lectures in a particular week.
- ◆ The information given in this Course Planner is proposed for Academic Session 2017-18. The institute reserves the right to make changes in it in the interest of students.

Holidays/ Vacations (Total: 12-Days): 1. Independence Day: 15th August, 2017 : One Day 2. Deepawali Holidays: From 16th October, 2017 (Monday) to 25th October, 2017 (Wednesday): 10 Days 3. Republic Day: 26th January, 2018: One Day (Applicable only at Kota SC and at other SC's Deepawali vacation will be informed to students as per respective SC holiday calendar)

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	First Display Communication to parent with Centre Rank	Display & Communication of Final Result with All Resonance Rank (ARR)	Uploading of Result on Resonance Website	Periodic Test Syllabus			Testing Hours	
							Physics		Mathematics		
							Physical/ Inorganic	Chemistry			Organic
1	MPT-1	JEE (Main)	25-06-17 (Sunday)	29-06-17 (Thursday)	04-07-17 (Tuesday)	06-07-17 (Thursday)	Mathematical Tools complete	Introduction To Chemistry	IUPAC-Nomenclature of Alkane & Cyclo alkane with complex alkyl radical	Set Relation and Function, FOM-I (upto Idea of intervals)	3
2	MCT-1	JEE (Main)	09-07-17 (Sunday)	13-07-17 (Thursday)	18-07-17 (Tuesday)	20-07-17 (Thursday)	Mathematical Tools, Rectilinear Motion	Introduction to Chemistry & Atomic Structure (upto Electronic wave radiation, Quantum theory of Light)	IUPAC-Nomenclature of chain terminating Functional groups (Aldehyde & Carboxylic acids, (Amides, Oyl halide & Nitriles)	Sets, Relation and Function, Fundamental of Mathematics-I	3
3	MPT-2	JEE (Main)	13-08-17 (Sunday)	17-08-17 (Thursday)	22-08-17 (Tuesday)	24-08-17 (Thursday)	Rectilinear Motion, Projectile Motion, Relative Motion, NLM upto constrained motion	Introduction to Chemistry & Atomic Structure (upto Electronic configuration)	IUPAC Nomenclature complete and Structural isomers, All basic concepts of Organic chemistry (ABC-1)	FOM-I, Quadratic Equation, Sequence & series (upto Harmonic Mean)	3
4	MCT-2	JEE (Main)	03-09-17 (Sunday)	07-09-17 (Thursday)	12-09-17 (Tuesday)	14-09-17 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction	Introduction to Chemistry & Atomic Structure, Gaseous State-1 (up to Dalton's law and its applications)	IUPAC Nomenclature complete and Structural isomers, All basic concepts of Organic chemistry (ABC-1), Structural Identification & Periodic Table	Set, Relation and Function, FOM-I, Quadratic Equation, Sequence & series, FOM-II (upto graph related to modulus)	3
5	MCT-3 + BPT-1	JEE (Main) + Board	24-09-17 (Sunday)	28-09-17 (Thursday)	03-10-17 (Tuesday)	05-10-17 (Thursday)	Rectilinear motion, Projectile, Relative, NLM, Friction, Unit and dimension, WPE	Introduction to Chemistry, Atomic Structure, Gaseous state-1	ABC-I & Structural Identification, Periodic table, BIN & Chemical Bonding (upto Co-valent Bond formation s & p bond)	Set, Relation and Function, FOM-I, Quadratic Equation, Sequence Series, FOM-II, Trigonometry BPT: Set Relation and Function, Quadratic Equation, Sequence series, Trigonometry.	6
6	MPT-3	JEE (Main)	29-10-17 (Sunday)	02-10-17 (Thursday)	07-10-17 (Tuesday)	09-10-17 (Thursday)	NLM, Friction, WPE, Circular motion, Centre of mass complete	Atomic Structure, Gaseous State-1 & Mole Concept (Complete)	Periodic Table, BIN & Chemical Bonding (upto Hybridisation)	FOM-II, Trigonometry, SOT, Binomial Theorem	3
7	MCT-4	JEE (Main)	03-12-17 (Sunday)	07-12-17 (Thursday)	12-12-17 (Tuesday)	14-12-17 (Thursday)	Rectilinear motion, Projectile, Relative, NLM, Friction, Unit and dimension, WPE, Circular motion, Centre of mass, RBD complete	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State-1, Chemical Equilibrium, Gaseous State-2 (up to Introduction of Real gas)	Periodic table, BIN & Chemical Bonding, ABC-II	Set Relation and Function, FOM-I, FOM-II, Quadratic Equation, Sequence and Series, Trigonometry, SOT, Binomial Theorem, Statistics, Straight Line	3
8	MPT-4	JEE (Main)	24-12-17 (Sunday)	28-12-17 (Thursday)	02-01-18 (Tuesday)	04-01-18 (Thursday)	RBD, SHM, Fluid, Surface tension	Gaseous State-2, Chemical Equilibrium & Thermodynamics (Up to Calculation of Work - isothermal, isochoric & isobaric)	ABC-II, GOC-I (upto Hyperconjugation)	Statistics, Principle of Mathematical Induction, Straight Line, Circle.	3
9	MCT-5 + BPT-2	JEE (Main) + Board	07-01-18 (Saturday)	11-01-18 (Thursday)	16-01-18 (Tuesday)	18-01-18 (Thursday)	Rectilinear motion, Projectile motion, Relative, motion, NLM, Friction, WPE, Circular, COM, RBD, SHM, String wave	Introduction to Chemistry, Atomic Structure, Gaseous state-1, Mole Concept, Chemical Equilibrium, Gaseous State-2 & Thermodynamics (upto Second Law and Entropy Calculation)	GOC-I, ABC-III and GOC-I, ABC-III	Set Relation and Function, FOM-I, and FOM-II, Quadratic Equation, Sequence & Series, Trigonometry, SOT, Binomial Theorem, Statistics, Principle of Mathematical Induction, Straight Line, Circle, P & C (upto Fundamental principle of counting, Permutation and arrangements of objects BPT: SOT, Binomial Theorem, Statistics, PMI, Straight Line, Circle.	6
10	MPT-5	JEE (Main)	04-02-18 (Sunday)	08-02-18 (Thursday)	13-02-18 (Tuesday)	15-02-18 (Thursday)	Elasticity and viscosity, String wave, sound wave, KTG and thermodynamics upto calculation of work	Chemical Equilibrium, Thermodynamics & Ionic Equilibrium (Up to Salt hydrolysis (WA + WB))	GOC-I, ABC-III & s-block elements p-block elements (upto carbon family)	Permutation & Combination, Reasoning, Conic Section	3
11	MIT	JEE (Main)	17-02-18 (Saturday)	22-02-18 (Thursday)	27-02-18 (Tuesday)	01-03-18 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
12	AJOT	JEE (Main)	04-03-18 (Sunday)	08-03-18 (Thursday)	13-03-18 (Tuesday)	15-03-18 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
Total Testing Hours										42	

Date of Rescheduling: 17.03.2017

Note: 1. Students are advised to refer their notice board for test timings

2. There will be no classes on the preceding saturday before every PIs/ CTs (except BPTs).

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

RESONANCE BOARD WORKSHEET (RBW) SCHEDULE

PHYSICS		
Week No.	RBW Dist. Date	RBW No.
W-07	10-07-2017	1
W-15	04-09-2017	2
W-23	30-10-2017	3
W-27	27-11-2017	4
W-30	18-12-2017	5
W-35	22-01-2018	6
TOTAL RBWs		6

CHEMISTRY		
Week No.	RBW Dist. Date	RBW No.
W-09	24-07-2017	1
W-23	30-10-2017	2
W-31	25-12-2017	3
W-36	29-01-2018	4
TOTAL RBWs		4

MATHEMATICS		
Week No.	RBW Dist. Date	RBW No.
W-05	26-06-2017	1
W-13	21-08-2017	2
W-18	25-09-2017	3
W-25	13-11-2017	4
W-30	18-12-2017	5
W-35	22-01-2018	6
TOTAL RBWs		6

Discussion Schedule of Daily Practice Problems (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	0	0	0	0	0	14	Week-14	25,26	13	13	25,26	6	27	Week-27	17,18	9	9	17,18	6
2	Week-2	A1,2	A1	A1	A1,2	6	15	Week-15	27,28	14	14	27,28	6	28	Week-28	19,20	10	10	19,20	6
3	Week-3	3,4	2	2	3,4	6	16	Week-16	29,30	15	15	29,30	6	29	Week-29	21,22	11	11	21,22	6
4	Week-4	5,6	3	3	5,6	6	17	Week-17	B1,2	B1	B1	B1,2	6	30	Week-30	23,24	12	12	23,24	6
5	Week-5	7,8	4	4	7,8	6	18	Week-18	3,4	2	2	3,4	6	31	Week-31	25,26	13	13	25,26	6
6	Week-6	9,10	5	5	9,10	6	19	Week-19	5,6	3	3	5,6	6	32	Week-32	27,28	14	14	27,28	6
7	Week-7	11,12	6	6	11,12	6	20	Week-20	7,8	4	4	7,8	6	33	Week-33	29,30	15	15	29,30	6
8	Week-8	13,14	7	7	13,14	6	21	Week-21	Diwali Vacations				34	Week-34	31,32	16	16	31,32	6	
9	Week-9	15,16	8	8	15,16	6	22	Week-22	0	0	0	0	0	35	Week-35	33,34	17	17	33,34	6
10	Week-10	17,18	9	9	17,18	6	23	Week-23	9,10	5	5	9,10	6	36	Week-36	35,36	18	18	35,36	6
11	Week-11	19,20	10	10	19,20	6	24	Week-24	11,12	6	6	11,12	6	37	Week-37	37,38	19	19	37,38	6
12	Week-12	21,22	11	11	21,22	6	25	Week-25	13,14	7	7	13,14	6	38	Week-38	0	0	0	0	0
13	Week-13	23,24	12	12	23,24	6	26	Week-26	15,16	8	8	15,16	6	Total Number of DPPs				204		

P: Physics | C (P): Chemistry (Physical) | C (I/O): Chemistry (Inorganic/Organic) | M: Mathematics

Resonance Eduventures Ltd.

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STUDY CENTRES (Self Owned): Jaipur: 0141-6060661 | Bhubaneswar, Udaipur, Jodhpur, Agra, Ranchi, Allahabad, Aurangabad, Jabalpur, Raipur, Gwalior, Vadodara, Surat: (STD Code) 6060660
Bhopal: 0755-6060660 | Indore: 0731-4046267 | Lucknow: 0522-3192222 | Nagpur: 0712-3017222 | Patna: 9304002215 | Kolkata, Mumbai, Ahmedabad: (STD Code) 6060660
Delhi: 011-60606601 | Nanded: 02462-250220 | Chandrapur: 07172-606066 | Gandhinagar: 079-60606611 | Nashik: 0253-6090028 | Rajkot: 0281-6002011

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