

Academic Session: 2017-18

COURSE PLANNER

For Students of

CLASS-XI | SAKSHAM (MA)

Target: AIIMS/NEET 2019

Medium: English | Hindi

COURSE CONCEPT

A Course which offers ample time of 2 years to become an expert in the curriculum of AIIMS/NEET. The course progresses with basic fundamental study; covering upon the syllabus of boards alongwith the preparation for AIIMS/NEET. 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: 01.05.2017 | Course Ends: 07.01.2018

RESONANCE TEACHING METHODOLOGY

Preparation for AIIMS/NEET

Classroom Teaching

Daily Practice Problems (DPPs)

Study Material (Sheets/Modules)

Periodic Tests - AIIMS/ NEET Pattern

Doubt Classes

Preparation for Board Examination

Classroom Teaching & NCERT Book Discussion

Study Material (Sheets/Modules)

Doubt Classes

TOTAL ACADEMIC HOURS

- ◆ **Course Duration: 36 Weeks**
- ◆ **Total Number of Lectures: 509** (P:144 | C:165 | B:200)
- ◆ **Duration of one lecture: 1.5 hrs = 90 minutes**
- ◆ **Total Duration of Classroom Teaching: 764 hrs**
- ◆ **Total Duration of Testing Hours: 50.5 hrs**
- ◆ **Total Academic Hours in SAKSHAM Course: 814 hrs**

TEACHING/LEARNING TOOLS

- ◆ **Daily Practice Problems (DPPs):** A handout having problems for home assignment, practice and classroom discussion covering current and previous topics. A DPP for AIIMS/NEET contains approximate 8-10 problems.
- ◆ **Study Material (Sheets/Modules):** Topic wise study material having key concepts, problems for practice in various Exercise Levels and questions asked in previous years (AIIMS/NEET/Board).
- ◆ **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 AIIMS/NEET.

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.

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. Test Type and No.	Periodic Test Date	Test Pattern	Periodic Test	First Display (Notice Board & Communication to parent with Centre Rank)	Display & Communication of Final Result with All Resonance Rank (ARR)	Uploading of Result on Resonance Website	Physics	Periodic Test Syllabus			Testing Hours	
								Chemistry		Biology		
								Physical/ Inorganic	Organic	Botany		Zoology
1	21-05-17 (Sunday)	NEET	NEET	25-05-17 (Thursday)	30-05-17 (Tuesday)	01-06-17 (Thursday)	Mathematical tools (Before Vectors)	Atomic Structure upto Shape of Orbitals Node	Properties of elements in periodic table	Cell Biology-upto Mitochondria	Bases of Classification, Protozoa, porifera, Chnidaha	3
2	11-06-17 (Sunday)	NEET	NEET	15-06-17 (Thursday)	20-06-17 (Tuesday)	22-06-17 (Thursday)	Mathematical tools, Rectilinear motion	Atomic Structure & Chemical bonding	Periodic Table, IUPAC Nomenclature of Organic Compounds(Except Aromatic Compounds)	Cell Biology (Complete)	Protozoa, Non Chordates	3
3	25-06-17 (Sunday)	AIIMS	AIIMS	29-06-17 (Thursday)	04-07-17 (Tuesday)	06-07-17 (Thursday)	Vectors, Rectilinear Motion, Projectile motion, relative motion	Atomic Structure & Chemical Bonding upto VSEPR	IUPAC Nomenclature, BIN	Cell Biology (Complete) + Living World + Plant Diversity (Biological Classification upto Kingdom Monera)	Animal Kingdom: Platyhelminthes to Mammalia	3.5
4	09-07-17 (Sunday)	NEET	NEET	13-07-17 (Thursday)	18-07-17 (Tuesday)	20-07-17 (Thursday)	Mathematical tool, Projectile Motion, NLM	Atomic Structure & Chemical Bonding	Nomenclature of functional groups, Isomerism, properties of elements in Periodic table, Electronic effect	Plant Diversity (Biological Classification Complete)	Animal Kingdom, Biomolecules upto Nucleic acid	3
5	30-07-17 (Sunday)	NEET	NEET	03-08-17 (Thursday)	08-08-17 (Tuesday)	10-08-17 (Thursday)	Relative motion, NLM, FRICTION, Work power energy	Mole concept, Chemical bonding (after hybridisation)	Electronic effect, aromaticity	Plant Diversity (Plant Kingdom)	Biomolecules, Digestion and Absorption	3
6	20-08-17 (Sunday)	AIIMS	AIIMS	24-08-17 (Thursday)	29-08-17 (Tuesday)	31-08-17 (Thursday)	Rectilinear motion, Projectile, Relative motion, NLM, FRICTION, Work power energy, Circular Motion	Atomic Structure & Chemical Bonding, Mole concept, Gaseous State upto ideal gas laws	Periodic Table, IUPAC Nomenclature, BIN, Electronic effect, aromaticity, acidic strength	Plant Diversity (Plant Kingdom) + Plant Morphology (upto Inflorescence)	Animal Kingdom, Biomolecules, Digestion, Breathing, Body Fluids and Circulation upto Blood clotting	3.5
7	10-09-17 (Sunday)	NEET	NEET	14-09-17 (Thursday)	19-09-17 (Tuesday)	21-09-17 (Thursday)	NLM, FRICTION, Work power energy, Circular Motion, Center of mass	Gaseous State, Mole concept	Acidic Strength, Basic strength, Tautomerism, POC, structural identification	Plant Morphology (Complete) + Plant Anatomy (upto Xylem)	Breathing and Exchange of Gases, Body fluids and circulation, Excretion	3
8	01-10-17 (Sunday)	NEET	NEET	05-10-17 (Thursday)	10-10-17 (Tuesday)	12-10-17 (Thursday)	Rectilinear motion, Projectile, Relative motion, NLM, FRICTION, Work power energy, Circular Motion, center of mass, Rigid body dynamics	Atomic Structure & Chemical Bonding, Mole concept, Gaseous State, Thermodynamics upto IInd law)	Periodic Table, IUPAC Nomenclature, BIN, Electronic effect, aromaticity, acidic strength, Basic strength, Tautomerism, POC, structural identification, hydrocarbon (alkane, alkene, alkyne)	Plant Morphology + Plant Anatomy (Complete)	XI syllabus upto Locomotion and Movement, Except Structural organization	3
9	29-10-17 (Sunday)	AIIMS	AIIMS	02-11-17 (Thursday)	07-11-17 (Tuesday)	09-11-17 (Thu.)	FRICTION, Work power energy, circular Motion, Center of Mass, Rigid Body, SHM, KTG	Chemical bonding, Chemical Equilibrium, Thermodynamics	POC, structural identification, Hydrocarbon (Aliphatic & aromatic)	Plant Anatomy + Plant physiology-I (Photosynthesis)	Locomotion and Movement, Neural Control and Coordination	3.5
10	19-11-17 (Sunday)	NEET	NEET	23-11-17 (Thursday)	28-11-17 (Tuesday)	30-11-17 (Thu.)	Rectilinear motion, projectile, relative motion, NLM FRICTION, Work power energy, circular Motion, Center of Mass, Rigid body, SHM, KTG & Thermodynamics, calorimetry & thermal Exp	Atomic Structure & Chemical Bonding, Mole concept, Gaseous State, Thermodynamics Chemical equilibrium	Periodic Table, IUPAC Nomenclature, BIN, Electronic effect, aromaticity, acidic strength, Basic strength, Tautomerism, POC (alkane, alkene, alkyne), hydrocarbon (aromatic), boron family, carbon family,	Cell Biology + Plant Physiology-II (Photosynthesis + Respiration)	XI syllabus, Except Structural organization	3
11	17-12-17 (Sunday)	NEET	NEET	21-12-17 (Thursday)	26-12-17 (Tuesday)	28-12-17 (Thu.)	Circular Motion, Centre of Mass, Rigid body, SHM, KTG & Thermodynamics, calorimetry & thermal Exp, Spring Waves, sound	Ionic Equilibrium, Chemical Equilibrium	P-Block Compounds(Boron & Carbon Family), Environmental chemistry & Geometrical isomerism & calculation of chiral carbon	Plant Physiology-II (Respiration, Plant Growth & development), Plant Physiology-I (Transport in plant - upto Mechanism of Absorption of water by plants)	Chemical coordination and integration, Structural organization in animals	3
12	07-01-18 (Sunday)	AIIMS	AIIMS	11-01-18 (Thursday)	16-01-18 (Tuesday)	18-01-18 (Thu.)	Rectilinear, Projectile, Relative Motion, NLM, FRICTION, WPE, Circular Motion, COM, RBD, SHM, KTG & Thermodynamics, calorimetry & thermal Exp, string Waves, sound waves, fluid, Elasticity and Viscosity	Full Syllabus	Periodic Table, IUPAC Nomenclature, BIN, Electronic effect, aromaticity, acidic strength, Basic strength, Tautomerism, POC, structural identification, hydrocarbon (alkane, alkene, alkyne), hydrocarbon (aromatic), boron family, carbon family, Environmental chemistry & Geometrical isomerism & calculation of chiral carbon and RS naming	Plant Physiology-II (Growth & Development) + Plant Physiology-I (Transport in plants, Mineral nutrition)	Full syllabus	3.5
13	28-01-18 (Sunday)	NEET	NEET	01-02-18 (Thursday)	06-02-18 (Tuesday)	08-02-18 (Thu.)	SHM, KTG & Thermodynamics, Calorimetry & thermal Exp, string Waves, sound waves, fluid, Elasticity and Viscosity, surface tension	Full Syllabus	Full Syllabus	Plant Physiology-I & II (complete)	Full syllabus	3
14	04-02-18 (Sunday)	NEET	NEET	08-02-18 (Thursday)	13-02-18 (Tuesday)	15-02-18 (Thu.)	NLM FRICTION, WPE, Circular Motion, COM, RBD, SHM, KTG & Thermodynamics, Calorimetry & thermal Exp, string Waves, Sound waves, fluid, Elasticity & Viscosity, Surface tension, Unit & Dimension	Full Syllabus	Full Syllabus	Plant diversity (Biological classification + Plant kingdom)	Full syllabus	3
15	11-02-18 (Sunday)	NEET	NEET	15-02-18 (Thursday)	20-02-18 (Tuesday)	22-02-18 (Thu.)	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	3
16	18-02-18 (Sunday)	AIIMS	AIIMS	22-02-18 (Thursday)	27-02-18 (Tuesday)	01-03-18 (Thu.)	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	3.5

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

Total Testing Hours

50.5

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
		PHYSICS	CHEMISTRY		BIOLOGY					PHYSICS	CHEMISTRY		BIOLOGY					PHYSICS	CHEMISTRY		BIOLOGY		
			P/I	O	BOT	ZOO					P/I	O	BOT	ZOO					P/I	O	BOT	ZOO	
1	W-1	1,2,3	1,2	1,2	1,2,3	1,2	12	14	W-14	40,41,42	27,28	27,28	40,41,42	27,28	12	27	W-27	Diwali Vacations					
2	W-2	4,5,6	3,4	3,4	4,5,6	3,4	12	15	W-15	43,44,45	29,30	29,30	43,44,45	29,30	12	28	W-28	76,77,78	0	0	76,77,78	0	6
3	W-3	7,8,9	5,6	5,6	7,8,9	5,6	12	16	W-16	46,47,48	31	31,32	46,47,48	31	10	29	W-29	79,80,81	52,53	48,49	79,80,81	52,53	12
4	W-4	10,11,12	7,8	7,8	10,11,12	7,8	12	17	W-17	49,50,51	32,33	33,34	49,50,51	32,33	12	30	W-30	82,83,84	54,55	50,51	82,83,84	54,55	12
5	W-5	13,14,15	9,10	9,10	13,14,15	9,10	12	18	W-18	52,53,54	34,35	35,36	52,53,54	34,35	12	31	W-31	85,86,87	56,57	52,53	85,86,87	56,57	12
6	W-6	16,17,18	11,12	11,12	16,17,18	11,12	12	19	W-19	55,56,57	36,37	0	55,56,57	36,37	10	32	W-32	88,89,90	58,59	54,55	88,89,90	58,59	12
7	W-7	19,20,21	13,14	13,14	19,20,21	13,14	12	20	W-20	58,59,60	38,39	37,38	58,59,60	38,39	12	33	W-33	91,92,93	60,61	56,57	91,92,93	60,61	12
8	W-8	22,23,24	15,16	15,16	22,23,24	15,16	12	21	W-21	61,62,63	40,41	39,40	61,62,63	40,41	12	34	W-34	94,95,96	62,63	58,59	94,95,96	0	10
9	W-9	25,26,27	17,18	17,18	25,26,27	17,18	12	22	W-22	64,65,66	42,43	41,42	64,65,66	42,43	12	35	W-35	97,98,99	64,65	60,61	97,98,99	0	10
10	W-10	28,29,30	19,20	19,20	28,29,30	19,20	12	23	W-23	67,68,69	44,45	43,44	67,68,69	44,45	12	36	W-36	100,101	66,67	62,63	100,101	0	8
11	W-11	31,32,33	21,22	21,22	31,32,33	21,22	12	24	W-24	70,71,72	46,47	45,46	70,71,72	46,47	12	37	W-37	0	68,69	64,65	0	0	4
12	W-12	34,35,36	23,24	23,24	34,35,36	23,24	12	25	W-25	73,74,75	48,49	0	73,74,75	48,49	10	38	W-38	0	70,71	66,67	0	0	4
13	W-13	37,38,39	25,26	25,26	37,38,39	25,26	12	26	W-26	0	50,51	47	0	50,51	5	Total Number of DPPs		101	71	67	101	61	401

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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