

COURSE PLANNER

CLASS-XI | SAKSHAM (O3MA)

Medium: Eng./Hin. Academic Session: 2021-22

Course Start: 12.07.2021 | Syllabus End: 26.02.2022

Target: NEET 2023



TOTAL ACADEMIC HOURS

Course Duration: 33 Weeks

Total No. of Lectures: 437 (P: 127 | C: 158 | B: 152)

Duration of one lecture: 1.5 hrs = 90 minutes

Total Duration of Classroom Teaching: 656 hrs

Total Duration of Testing Hours: 42 hrs

Total Academic Hours in SAKSHAM Course: 698 hrs

SUBJECT WISE SYLLABUS PLAN

PHYSICS (P)				CHEMISTRY (C)				BIOLOGY (B)			
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 Tools	12	12-Jul-21	PHYSICAL/ INORGANIC				ZOOLOGY			
2	Rectilinear Motion	7	02-Aug-21	1	Mole Concept	16	12-Jul-21	1	Digestion and Absorption	8	12-Jul-21
3	Projectile Motion	4	12-Aug-21	2	Redox Reactions	6	17-Aug-21	2	Breathing and Exchange of Gases	6	09-Aug-21
4	Relative Motion	4	19-Aug-21	3	Atomic Structure	14	31-Aug-21	3	Body Fluids & Circulation	6	30-Aug-21
5	Unit & Dimension	2	26-Aug-21	4	Gaseous State	9	04-Oct-21	4	Excretory Prod. & their Elimination	4	20-Sep-21
6	Measurement Error & Experiment	3	31-Aug-21	5	Thermodynamics & Thermochem.	11	25-Oct-21	5	Chem. Coordination & Integration	6	04-Oct-21
7	Newtons laws of motion	8	06-Sep-21	6	Chemical Equilibrium	9	29-Nov-21	6	Neural control and coordination	10	25-Oct-21
8	Friction	4	20-Sep-21	7	Ionic Equilibrium	16	20-Dec-21	7	Locomotion and movement	6	06-Dec-21
9	Work, Power & Energy	8	27-Sep-21	8	s-Block	5	25-Jan-22	8	Animal Kingdom - General Account & Non chordates	6	27-Dec-21
10	Circular Motion	8	11-Oct-21	9	Hydrogen	2	07-Feb-22	9	Animal Kingdom-2 Chordates	3	17-Jan-22
11	Centre of mass	7	25-Oct-21	10	p-block Elements	7	09-Feb-22	10	Structural Organisation in Animals	6	25-Jan-22
12	Rigid Body Dynamics	11	15-Nov-21	ORGANIC				BOTANY			
13	Simple Harmonic Motion	7	02-Dec-21	1	IUPAC Nomenclature & Structural Isomerism	13	12-Jul-21	1	Plant physiology -II	20	12-Jul-21
14	KTG & Thermodynamics	10	15-Dec-21	2	Structural Identification & POC	3	24-Aug-21	2	Cell Biology	15	06-Sep-21
15	Calorimetry & Thermal expansion	5	03-Jan-22	3	General Organic Chemistry	16	06-Sep-21	3	Biological Classification	6	11-Oct-21
16	String wave	7	11-Jan-22	4	Hydrocarbon	9	11-Nov-21	4	Plant Kingdom	7	25-Oct-21
17	Sound wave	8	24-Jan-22	5	Periodic Table	4	13-Dec-21	5	Plant Morphology	8	17-Nov-21
18	Fluid Mechanics	4	07-Feb-22	6	Chemical Bonding	18	27-Dec-21	6	Plant Anatomy	9	07-Dec-21
19	Elasticity & Viscosity	4	14-Feb-22					7	Plant Physiology-I	16	28-Dec-21
20	Surface Tension	4	21-Feb-22					8	Living world	4	02-Feb-22
Total No. of Lectures		127	Total No. of Lectures		158	Total No. of Lectures		152			

DPP DISTRIBUTION SCHEDULE

S.No.	Date	Week	Module
1	Monday, 12 July, 2021	W-1	A

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	Physics		Chemistry		Biology		Testing Hours
					Mathematical Tools	Mechanical Tools	Physical/ Inorganic	Organic	Zoology	Botany	
1	Class Test	NEET	01-08-2021 (Sunday)	11-08-2021 (Wednesday)	Mathematical Tools	Mathematical Tools	Mole Concept	IUPAC Nomenclature	Digestion and Absorption	Photosynthesis in higher plants-upto light reaction	3
2	PT-1	NEET	29-08-2021 (Sunday)	08-09-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion (Upto River Problem, wind problem)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion (Upto River Problem, wind problem)	Mole Concept, Redox Reaction (Upto Redox Titrations)	IUPAC Nomenclature & Structural Isomerism	Digestion and Absorption, Breathing and Exchange of Gases	Photosynthesis + Respiration	3
3	CT-1	NEET	12-09-2021 (Sunday)	22-09-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error	Mole Concept, Redox Reaction, Atomic Structure (upto Spectrum, Spectral Series)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system (up to structure of heart)	Plant, physiology-II (Complete)	3
4	PT-2	NEET	26-09-2021 (Sunday)	06-10-2021 (Wednesday)	Relative Motion, Unit & dimension, Measurement & Error, NLM	Relative Motion, Unit & dimension, Measurement & Error, NLM	Redox Reaction, Atomic Structure (upto Spectrum, Spectral Series)	Structural Identification & POC, General Organic Chemistry (upto Formation of Resonating structure and their stability)	Circulatory system, Excretory system (up to Nephron)	Cell the unit of life - upto Mitochondria	3
5	CT-2	NEET	10-10-2021 (Sunday)	20-10-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile & Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE (Upto Work energy theorem Problems)	Mathematical Tools, Rectilinear motion, Projectile & Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE (Upto Work energy theorem Problems)	Mole Concept, Redox Reaction, Atomic Structure	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Organic Chemistry (upto Bond Fission, Reaction intermediates carbocation) and their stability)	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system, Excretory system	Plant physiology-II + Cell unit of life (Complete)	3
6	PT-3	NEET	24-10-2021 (Sunday)	03-11-2021 (Wednesday)	Newtons laws of motion, Friction, WPE, Circular motion (Upto Vertical Plane)	Newtons laws of motion, Friction, WPE, Circular motion (Upto Vertical Plane)	Atomic Structure, Gaseous State (upto Maxwell's distribution of gas velocities)	POC & General Organic Chemistry (upto Acidic Strength (Acidity of Carboxylic Acids, benzoic acids ortho effect))	Chemical Coordination & Integration	Cell division + Biological classification (upto Monera)	3
7	CT-3	NEET	14-11-2021 (Sunday)	24-11-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, COM (Upto Motion of COM, Linear momentum conservation, Spring-block problem)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, COM (Upto Motion of COM, Linear momentum conservation, Spring-block problem)	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry (upto Calculation of Work - Isothermal, Isochoric & Isoobaric)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Organic Chemistry	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system, Excretory system, Chemical Coordination & Integration, Nervous system (up to spinal cord)	Cell biology (Complete) + Biological classification (Complete)	3
8	PT-4	NEET	28-11-2021 (Sunday)	08-12-2021 (Wednesday)	Circular Motion, Centre of mass, RBD (Upto Angular momentum and its conservation)	Circular Motion, Centre of mass, RBD (Upto Angular momentum and its conservation)	Gaseous State, Thermodynamics & Thermochemistry (upto Third law of thermodynamics & DG (Gibbes energy))	General Organic Chemistry	Nervous System	Plant Kingdom	3
9	CT-4	NEET	12-12-2021 (Sunday)	12-12-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry, Chemical Equilibrium (upto Equilibrium Constants (Kp & Kc), Questions based on them & their interrelation)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Org. Chem., Hydrocarbon (upto Preparat. of Alkynes)	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system, Excretory system, Chemical Coordination & Integration, Nervous system	Biological Classification + Plant Kingdom + Plant Morphology (Upto Gymnosium)	3
10	PT-5	NEET	26-12-2021 (Sunday)	05-01-2022 (Wednesday)	RBD, Simple harmonic motion	RBD, Simple harmonic motion	Thermodynamics & Thermochemistry, Chemical Equilibrium	Hydrocarbon, Periodic Table (upto Lanthanoid contraction & Ionization Energies)	Locomotion & Movement	Plant Morphology + Plant Anatomy (upto Anatomy or root)	3
11	CT-5	NEET	09-01-2022 (Sunday)	19-01-2022 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, SHM, KTG & Thermodynamics	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, SHM, KTG & Thermodynamics	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry, Chemical Equilibrium, Ionic Equilibrium (upto Salt hydrolysis (WA + SB, SA + WB, WA + WB))	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Organic Chem., Hydrocarbon, Periodic table, Chemical Bonding (upto VSEPR, Hybridization, s & p bond, Formal charge.)	Complete Human Physiology, Animal Kingdom (up to Aschelminthes)	Plant Morphology + Plant Anatomy + Transport in plant (upto Plasmolysis)	3
12	PT-6	NEET	23-01-2022 (Sunday)	02-02-2022 (Wednesday)	KTG & Thermodynamics, Calorimetry & thermal expansion, String wave (Upto standing wave)	KTG & Thermodynamics, Calorimetry & thermal expansion, String wave (Upto standing wave)	Chemical Equilibrium, Ionic Equilibrium (upto Solubility & Solubility product)	Periodic Table, Chemical Bonding (upto VSEPR, overlapping of orbital)	Animal kingdom 1 & 2	Plant Anatomy + Transport in plants	3
13	CT-6	NEET	06-02-2022 (Sunday)	16-02-2022 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, SHM, KTG & Thermodynamics, Calorimetry & thermal expansion, String wave, Sound wave (Upto Organ pipes)	Mathematical Tools, Rectilinear motion, Projectile Motion, Relative Motion, Unit & dimension, Measurement & Error, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, SHM, KTG & Thermodynamics, Calorimetry & thermal expansion, String wave, Sound wave (Upto Organ pipes)	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry, Chemical Equilibrium, Ionic Equilibrium	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Organic Chemistry, Hydrocarbon, Periodic Table, Chemical Bonding (upto Bond length / Bond-Strength)	Animal kingdom 1 & 2, movement and locomotion, Structural Organisation in Animals	Plant Physiology-II + Cell biology + Plant physiology-I - Transport in plants, Mineral nutrition (upto Micronutrients)	3
14	PT-7	NEET	20-02-2022 (Sunday)	23-02-2022 (Wednesday)	String wave, Sound wave, Fluid mechanics, Elasticity & Viscosity	String wave, Sound wave, Fluid mechanics, Elasticity & Viscosity	Ionic Equilibrium, s-block Elements, Hydrogen	Chemical Bonding (upto Fajan Rule & Metallic Bonding)	Structural Organisation in Animals, Biomolecules	Mineral nutrition + Living world	3

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.

TOTAL TESTING HOURS

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