

COURSE PLANNER

CLASS-XI | SAKSHAM (01MA / 02MA)

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

Course Start: 05.04.2021 | Syllabus End: 09.01.2022

Target: NEET 2023



TOTAL ACADEMIC HOURS

Course Duration: 40 Weeks

Total No. of Lectures: 544 (P: 162 | C: 202 | B: 180)

Duration of one lecture: 1.5 hrs = 90 minutes

Total Duration of Classroom Teaching: 816 hrs

Total Duration of Testing Hours: 45 hrs

Total Academic Hours in SAKSHAM Course: 861 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	05-Apr-21	PHYSICAL/ INORGANIC				ZOOLOGY			
2	Rectilinear Motion	16	19-Apr-21	1	Mole Concept	23	05-Apr-21	1	Structural Organisation in Animals	6	05-Apr-21
3	Unit & Dimension	2	23-Apr-21	2	Redox Reactions	13	26-May-21	2	Digestion and Absorption	8	26-Apr-21
4	Measurement Error & Experiment	2	26-Apr-21	3	Atomic Structure	18	28-Jun-21	3	Breathing and Exchange of Gases	6	24-May-21
5	Projectile Motion	4	17-May-21	4	Gaseous State	9	09-Aug-21	4	Body Fluids & Circulation	6	14-Jun-21
6	Relative Motion	4	24-May-21	5	Thermodynamics & Thermochemistry	18	30-Aug-21	5	Excretory Products & their Elimination	4	05-Jul-21
7	Newtons laws of motion	16	31-May-21	6	Chemical Equilibrium	9	11-Oct-21	6	Chemical Coordination & Integration	6	19-Jul-21
8	Friction	4	28-Jun-21	7	Ionic Equilibrium	16	11-Nov-21	7	Neural control and coordination	12	09-Aug-21
9	Work, Power & Energy	8	05-Jul-21	8	s-Block	5	20-Dec-21	8	Locomotion and movement	6	20-Sep-21
10	Circular Motion	8	19-Jul-21	9	Hydrogen	3	29-Dec-21	9	Animal Kingdom - General Account & Non chordates	6	11-Oct-21
11	Centre of mass	12	02-Aug-21	10	p-block Elements	7	05-Jan-22	10	Animal Kingdom-1	1	11-Nov-21
12	Rigid Body Dynamics	16	23-Aug-21	ORGANIC				11	Animal Kingdom-2 Chordates	6	15-Nov-21
13	KTG & Thermodynamics	12	20-Sep-21	1	IUPAC Nomenclature	4	05-Apr-21	12	Biomolecules	6	06-Dec-21
14	Calorimetry & Thermal expansion	8	11-Oct-21	2	IUPAC Nomenclature & Structural Isomerism	12	19-Apr-21	BOTANY			
15	Simple Harmonic Motion	8	25-Oct-21	3	Structural Identification & POC	5	31-May-21	1	Plant physiology -II	21	05-Apr-21
16	String wave	10	17-Nov-21	4	General Organic Chemistry	18	15-Jun-21	2	Cell Biology	19	31-May-21
17	Sound wave	8	06-Dec-21	5	Hydrocarbon	14	17-Aug-21	3	Biological Classification	10	13-Jul-21
18	Fluid Mechanics	4	20-Dec-21	6	Periodic Table	7	05-Oct-21	4	Plant Kingdom	8	04-Aug-21
19	Elasticity & Viscosity	4	27-Dec-21	7	Chemical Bonding	21	11-Nov-21	5	Plant Morphology	11	24-Aug-21
20	Surface Tension	4	03-Jan-22					6	Plant Anatomy	11	21-Sep-21
								7	Plant Physiology-I	21	18-Oct-21
								8	Living World	6	20-Dec-21
Total No. of Lectures		162		Total No. of Lectures		202		Total No. of Lectures		180	

DPP DISTRIBUTION SCHEDULE

S.No.	Date	Week	Module
1	Monday, 5 April, 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
						Physical/ Inorganic	Organic	Zoology	Botany		
1	PT-1	NEET	13-06-2021 (Sunday)	23-06-2021 (Wednesday)	Unit & Dimension, Error & Significant figures, Instrument, Projectile motion, Trigonometry, Vector	Mole Concept & Redox.	Structural Isomerism, Structure Identification	Digestion & Absorption, Breathing and Exchange of Gases	Photosynthesis complete	3	
2	CT-1	NEET	27-06-2021 (Sunday)	07-07-2021 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear motion, Projectile motion, Relative motion, NLM (upto Pseudo force)	Redox reaction and equivalent concept	60C-I	Structural Organisation in Animals, Digestion & Absorption, Breathing and Exchange of Gases), Body Fluids & Circulation	Respiration in plants	3	
3	PT-2	NEET	11-07-2021 (Sunday)	21-07-2021 (Wednesday)	Newtons laws of motion, Friction	Redox Reaction & Atomic Structure (upto Electronic wave radiation)	Structure Identification & POC, GOC (upto Resonance & Mesomeric Effect, and its application)	Body Fluids & Circulation, Excretory Products & their Elimination	Photosynthesis Respiration in plants, cell unit of life upto cell membrane	3	
4	CT-2	NEET	25-07-2021 (Sunday)	04-08-2021 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear, Projectile & Relative Motion, NLM, Friction, WPE	Mole Concept, Redox Reaction, Atomic Structure (upto Bohr Atomic Model)	IUPAC Nomenclature & Structural Isomerism, Structure Identification & POC, GOC (upto Reaction intermediates)	Structural Organisation in Animals, Digestion & Absorption, Breathing and Exchange of Gases, Body Fluids & Circulation, Excretory Products & their Elimination	Cell-The unit of life	3	
5	PT-3	NEET	08-08-2021 (Sunday)	18-08-2021 (Wednesday)	WPE, Circular Motion	Atomic Structure	GOC (upto Acidic Strength (Ability of Carboxylic Acids, benzoic acids ortho effect))	Chemical Coordination & Integration	Cell unit of life + cell division + Biological classification upto protista	3	
6	CT-3	NEET	29-08-2021 (Sunday)	08-09-2021 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear motion, Projectile motion, Relative motion, NLM, Friction, WPE, Circular Motion, Centre of mass	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State (upto Maxwell's distribution of gas velocities)	IUPAC Nomenclature & Structural Isomerism, Structure Identification & POC, GOC	Digestion & Absorption, Breathing and Exchange of Gases, Body Fluids & Circulation, Excretory Products & their Elimination Chemical & Neural Control and Coordination	Biological classification + plant Kingdom upto Bryophyta	3	
7	PT-4	NEET	12-09-2021 (Sunday)	22-09-2021 (Wednesday)	Centre of mass, RBD	Gaseous State & Thermodynamics & Thermochemistry (upto Introduction of First Law)	GOC, Hydrocarbon (upto Preparation of Alkenes)	Neural Control and Coordination	Plant Kingdom + plant morphology upto corolla.	3	
8	CT-4	NEET	26-09-2021 (Sunday)	06-10-2021 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear, Projectile & Relative motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry (upto Reversible and Irreversible Adiabatic & Comparison)	IUPAC Nomenclature & Structural Isomerism, Structure Identification & POC, GOC, Hydrocarbon (upto Preparation of Alkynes)	Digestion & Absorption, Breathing and Exchange of Gases, Body Fluids & Circulation, Excretory Products & their Elimination, Locomotion and movement	Plant kingdom + Plant morphology complete	3	
9	PT-5	NEET	10-10-2021 (Sunday)	20-10-2021 (Wednesday)	KTG & Thermodynamics	Thermodynamics & Thermochemistry	GOC & Hydrocarbon	Locomotion and movement	Plant anatomy upto dicot stem	3	
10	CT-5	NEET	24-10-2021 (Sunday)	03-11-2021 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear, Projectile & Relative motion, NLM, Friction, WPE, Circular Motion, COM, RBD, KTG & Thermodynamics, Calorimetry & Thermal expansion	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, Structure Identification & POC, GOC, Hydrocarbon, Periodic Table upto Electron Gain Enthalpies)	Structural Organisation in Animals, Digestion & Absorption Animal Kingdom, Breathing and Exchange of Gases, Body Fluids & Circulation, Excretory Products & their Elimination, Chemical & Neural Coordination, Locomotion and movement, Animal Kingdom- upto Aschelminthes	Transport: in plant upto plasmolysis + plant anatomy.	3	
11	PT-6	NEET	14-11-2021 (Sunday)	24-11-2021 (Wednesday)	SHM, Calorimetry and thermal expansion	Chemical Equilibrium	Hydrocarbon & Periodic Table	Animal Kingdom-1	Plant Anatomy, Transport in plant	3	
12	CT-6	NEET	28-11-2021 (Sunday)	08-12-2021 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear motion, Projectile motion, Relative motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, KTG & Thermodynamics, Calorimetry & Thermal expansion, SHM, Wave on a string	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry, Chemical Equilibrium, Ionic Equilibrium (upto pH calculation)	IUPAC Nomenclature & Structural Isomerism, Structure Identification & POC, GOC, Hydrocarbon, Periodic Table, Chemical Bonding (upto Writing the Lewis dot structure)	Human Physiology, Animal Kingdom-1 & 2	Cell biology + Transport: in plants	3	
13	PT-7	NEET	12-12-2021 (Sunday)	22-12-2021 (Wednesday)	Wave on a string, Sound wave	Chemical & Ionic Equilibrium (upto Indicator and Acid-base titration (Buffer titration))	Periodic Table & Chemical Bonding (upto VSEPR)	Biomolecules, Animal kingdom-2	Plant Growth and development + Mineral Nutrition	3	
14	CT-7	NEET	26-12-2021 (Sunday)	05-01-2022 (Wednesday)	Unit and dimension, Trigonometry, function & Logarithm, Differentiation, Integration, Vector, Error Analysis & Significant figures, Rectilinear motion, Projectile motion, Relative motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, KTG & Thermodynamics, Calorimetry & Thermal expansion, SHM, Wave on a string, Sound wave, Fluid mechanics	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry, Chemical Equilibrium, Ionic Equilibrium	IUPAC Nomenclature & Structural Isomerism, Structure Identification & POC, GOC, Hydrocarbon, Periodic Table, Chemical Bonding (upto Bond length / Bond Strength)	Human Physiology, Animal Kingdom-1 & 2, Biomolecules, Structural Organisation in Animals	Photosynthesis, Respiration + Mineral Nutrition	3	
15	PT-8	NEET	09-01-2022 (Sunday)	12-01-2022 (Wednesday)	Fluid mechanics: Elasticity & viscosity, Surface tension	Ionic Equilibrium, s-block elements	Chemical Bonding (upto MOT)	Biomolecules-1 & 2	Biological Classification + 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

45