

COURSE PLANNER

CLASS-XI | SAMARTH (01MB)

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

Course Start: 13.09.2021 | Syllabus End: 05.03.2022

Target: NEET 2023



TOTAL ACADEMIC HOURS

Course Duration: 25 Weeks

Total No. of Lectures: 378 (P: 124 | C: 114 | B: 140)

Duration of one lecture: 1.5 hrs = 90 minutes

Total Duration of Classroom Teaching: 567 hrs

Total Duration of Testing Hours: 36 hrs

Total Academic Hours in SAMARTH Course: 603 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	13-Sep-21	PHYSICAL/ INORGANIC				ZOOLOGY			
2	Rectilinear Motion	7	04-Oct-21	1	Mole Concept	15	13-Sep-21	1	Digestion and Absorption	8	13-Sep-21
3	Projectile Motion	4	14-Oct-21	2	Redox Reactions	6	18-Oct-21	2	Breathing and Exchange of Gases	6	05-Oct-21
4	Relative Motion	4	21-Oct-21	3	Atomic Structure	10	11-Nov-21	3	Body Fluids & Circulation	6	19-Oct-21
5	Unit & Dimension	2	26-Oct-21	4	Gaseous State	5	01-Dec-21	4	Excretory Products & their Elimination	4	13-Nov-21
6	Measurement Error & Experiment	3	28-Oct-21	5	Thermodynamics & Thermochem.	10	14-Dec-21	5	Chemical Coordination & Integration	6	22-Nov-21
7	Newtons laws of motion	7	11-Nov-21	6	Chemical Equilibrium	6	05-Jan-22	6	Neural control and coordination	10	06-Dec-21
8	Friction	4	19-Nov-21	7	Ionic Equilibrium	9	19-Jan-22	7	Structural Organisation in Animals	6	28-Dec-21
9	Work, Power & Energy	8	24-Nov-21	8	s-Block	3	09-Feb-22	8	Locomotion and movement	6	11-Jan-22
10	Circular Motion	8	03-Dec-21	9	Hydrogen	1	16-Feb-22	9	Animal Kingdom - General Account & Non chordates	6	25-Jan-22
11	Centre of mass	7	13-Dec-21	10	p-block Elements (Baron & Carbon Family)	3	21-Feb-22	10	Animal Kingdom-2 Chordates	5	08-Feb-22
12	Rigid Body Dynamics	11	21-Dec-21	ORGANIC				BOTANY			
13	Simple Harmonic Motion	7	03-Jan-22	1	IUPAC Nomenclature & Structural Isomerism	12	13-Sep-21	1	Plant physiology -II	20	13-Sep-21
14	KTG & Thermodynamics	10	11-Jan-22	2	Structural Identification & POC	2	25-Oct-21	2	Cell Biology	14	27-Oct-21
15	Calorimetry & Thermal expansion	4	22-Jan-22	3	General Organic Chemistry	12	11-Nov-21	3	Biological Classification	4	08-Dec-21
16	String wave	7	28-Jan-22	4	Hydrocarbon	4	20-Dec-21	4	Plant Kingdom	7	20-Dec-21
17	Sound wave	8	05-Feb-22	5	Periodic Table	4	03-Jan-22	5	Plant Morphology	6	04-Jan-22
18	Fluid Mechanics	4	15-Feb-22	6	Chemical Bonding	12	17-Jan-22	6	Plant Anatomy	9	18-Jan-22
19	Elasticity & Viscosity	4	19-Feb-22					7	Plant Physiology-I	9	08-Feb-22
20	Surface Tension	3	24-Feb-22					8	Living world	2	23-Feb-22
Total No. of Lectures		124	Total No. of Lectures		114	Total No. of Lectures		140			

DPP DISTRIBUTION SCHEDULE

S.No.	Date	Week	Module
1	Monday, 13 September, 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	26-09-2021 (Sunday)	06-10-2021 (Wednesday)	Mathematical Tools (Up to Integration)	Mole Concept (upto Avg. molar mass, units of P.T.V and interconversion, $PV=nRT$ & Question based on it, STP)	IUPAC Nomenclature (upto Bonding in organic compounds (Sigma and pi bonds), Structural representation of Organic Compounds, Some important definitions)	Digestion and Absorption (structure and glands)	Respiration complete	3
2	CT-1	NEET	10-10-2021 (Sunday)	20-10-2021 (Wednesday)	Mathematical Tools	Mole Concept (upto Units of concentration measurement and their interconversion)	IUPAC Nomenclature (upto Nomenclature of Organic Compounds with non chain Terminating functional group. (Ketone, Sulphonic acid, Alcohol))	Digestion and Absorption Complete	Respiration + Photosynthesis upto light reaction	3
3	PT-2	NEET	24-10-2021 (Sunday)	03-11-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion	Mole Concept	IUPAC Nomenclature	Breathing and Exchange of Gases Complete	Photosynthesis Complete	3
4	CT-2	NEET	14-11-2021 (Sunday)	24-11-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Unit & Dimension, Measurement & Error	Mole Concept, Redox Reaction	Structural Isomerism Structural Identification & POC	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system (upto) structure of heart	Plant Physiology - II Complete	3
5	PT-3	NEET	28-11-2021 (Sunday)	08-12-2021 (Wednesday)	Projectile Motion, Relative Motion, Unit & Dimension, Measurement error, NLM, Friction	Redox Reaction, Atomic Structure (upto Photoelectric Effect & Blackbody radiation.)	Structural Identification & POC: General Organic Chemistry (upto Resonance & Mesomeric Effect and its application)	Circulatory system (ECG Cardiac cycle, Disorders of circulatory system) Excretory system Complete	Cell the unit of life - upto Mitochondria	3
6	CT-3	NEET	12-12-2021 (Sunday)	22-12-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Unit & Dimension, Measurement error, NLM, Friction, WPE, Circular Motion, (Up to Horizontal plane)	Mole Concept, Redox Reaction, Atomic Structure	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Organic Chemistry (upto Acidic Strength (Acidity of Carboxylic Acids, benzoic acids ortho effect))	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system, Excretory system, chemical coordination & integration	Plant physiology-II + Cell unit of life Upto centriole	3
7	PT-4	NEET	26-12-2021 (Sunday)	05-01-2022 (Wednesday)	WPE, Circular Motion, Centre of mass	Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry (upto Introduction of First Law & Heat & Internal Energy)	General Organic Chemistry	Neural control and coordination	Cell Biology Complete	3
8	CT-4	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	Mole Concept, Redox Reaction, Atomic Structure, Gaseous State, Thermodynamics & Thermochemistry (upto Entropy, Entropy Calculation)	IUPAC Nomenclature & Structural Isomerism, Structural Identification & POC, General Organic Chemistry, Hydrocarbon	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system, Excretory system, Chemical Coordination & Integration , Neural control and Coordination	Cell Biology + Biological Classification Complete + Plant Kingdom upto Bryophyta	3
9	PT-5	NEET	23-01-2022 (Sunday)	02-02-2022 (Wednesday)	RBD , SHM, KTG & Thermodynamics (Upto Free expansion, Specific heats)	Thermodynamics & Thermochemistry, Chemical Equilibrium (upto Reaction Quotient & Characteristics of equilibrium constant)	Hydrocarbon, Periodic Table	Structural Organisation in Animals, Locomotion and movement(upto axial skeleton)	Plant Kingdom + Plant Morphology upto Stem	3
10	CT-5	NEET	06-02-2022 (Sunday)	26-02-2022 (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, Fluid mech., Superposition, Reflection)	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 Chemistry, Hydrocarbon, Periodic Table, Chemical Bonding (upto Finding bond order in oxanions and their acids, VBT, overlapping of orbital, VSEPR)	Digestion and Absorption, Breathing and Exchange of Gases, Circulatory system, Excretory system, Chemical Coordination & Integration, Neural Control coordination, Locomotion and movement, Structural Organisation in Animals,	Plant Kingdom + Plant Morphology	3
11	PT-6	NEET	20-02-2022 (Sunday)	02-03-2022 (Wednesday)	KTG & Thermodynamics, Calorimetry & Thermal expansion, String wave, Sound wave	Chemical Equilibrium, Ionic Equilibrium	Periodic Table, Chemical Bonding (upto Feajan Rule & Metallic Bonding)	Animal Kingdom - 1 & 2	Plant Anatomy complete + Transport in plant upto water potential	3
12	CT-6	NEET	06-03-2022 (Sunday)	09-03-2022 (Wednesday)	Mathem. Tools, Rectilinear Motion, Projectile Motion, Relative Motion, Unit & Dimension, Measurement error, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, KTG & Thermodynamics, Calorimetry & Thermal expansion, String & Sound wave, Fluid mech., Elasticity & Viscosity, Surface tension.	Full Syllabus	Full Syllabus	Animal Kingdom - 1 & 2, Biomolecules	Plant Morphology + Plant Anatomy + Transport in plant complete + Mineral nutrition upto macroelements	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

36