

COURSE PLANNER

CLASS-XII+ | SAMPOORN (00MD/ 01MD)

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

Course Start: 05.04.2021 | Syllabus End: 20.02.2022

Target: NEET 2022



TOTAL ACADEMIC HOURS

Course Duration: 33 Weeks

Total No. of Lectures: 726 (P: 217 | C: 257 | B: 252)

Duration of one lecture: 1.5 hrs = 90 minutes

Total Duration of Classroom Teaching: 1089 hrs

Total Duration of Testing Hours: 57 hrs

Total Academic Hours in SAMPOORN Course: 1146 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	10	05-Apr-21	PHYSICAL/ INORGANIC				ZOOLOGY			
2	Rectilinear Motion	10	19-Apr-21	1	Mole Concept	11	05-Apr-21	1	Reproduction in organisms	3	05-Apr-21
3	Projectile Motion	4	03-May-21	2	Atomic Structure	12	28-Apr-21	2	Human reprod. & Reprod. health	15	13-Apr-21
4	Relative motion	6	07-May-21	3	Gaseous State	7	26-May-21	3	Human health and disease	11	31-May-21
5	Newtons laws of motion	10	17-May-21	4	Periodic table	4	14-Jun-21	4	Origin and evolution	9	23-Jun-21
6	Friction	5	31-May-21	5	Chemical Bonding	12	21-Jun-21	5	Biotechnology	6	14-Jul-21
7	Geometrical Optics	15	07-Jun-21	6	p-Block (B & C Family)	4	12-Jul-21	6	Strategies for enhancem. of Food prod.	3	28-Jul-21
8	Work, Power & Energy	7	28-Jun-21	7	Solution & Colligative properties	6	19-Jul-21	7	Microbes in human welfare	4	04-Aug-21
9	Circular Motion	7	07-Jul-21	8	N & O Family	5	28-Jul-21	8	Structural Organisation in Animals	6	16-Aug-21
10	Centre of mass	8	16-Jul-21	9	Electrochemistry	10	05-Aug-21	9	Digestion and Absorption	8	30-Aug-21
11	Rigid Body Dynamics	10	28-Jul-21	10	Halogens & Noble gas	4	24-Aug-21	10	Breathing and Exchange of Gases	6	15-Sep-21
12	Simple Harmonic motion	7	11-Aug-21	11	Coordination compounds	11	31-Aug-21	11	Body Fluids & Circulation	6	29-Sep-21
13	Electrostatics	15	20-Aug-21	12	d-Block elements	6	20-Sep-21	12	Excretory Products & their Elimination	6	18-Oct-21
14	Gravitation	5	10-Sep-21	13	Chemical Kinetics	10	29-Sep-21	13	Chemical Coordination Integration	6	26-Oct-21
15	Current electricity	8	17-Sep-21	14	Metallurgy	8	18-Oct-21	14	Neural control and coordination	9	23-Nov-21
16	Capacitance	8	29-Sep-21	15	Redox Reaction (Equivalent Concept)	6	11-Nov-21	15	Locomotion and movement	6	14-Dec-21
17	EMF	12	11-Oct-21	16	s-Block elements	6	22-Nov-21	16	Animal Kingdom-Gen. Ac. & Non chordates	6	28-Dec-21
18	EMI	8	27-Oct-21	17	Solid State	7	01-Dec-21	17	Animal Kingdom-1	2	10-Jan-22
19	Alternating current	5	18-Nov-21	18	Surface chemistry	7	14-Dec-21	18	Animal Kingdom-2 Chordates	5	18-Jan-22
20	Modern Physics	7	25-Nov-21	19	Chemical Equilibrium	8	27-Dec-21	19	Biomolecules	6	07-Feb-22
21	Nuclear Physics	6	06-Dec-21	20	Ionic Equilibrium	11	10-Jan-22	BOTANY			
22	Semiconductor	5	14-Dec-21	21	Thermodynamics & Thermochemistry	13	27-Jan-22	1	Reproduction in Flowering plants	12	05-Apr-21
23	Electromagnetic Wave	1	21-Dec-21	ORGANIC				2	Application Biology	3	03-May-21
24	KTG & Thermodynamics	8	22-Dec-21	1	IUPAC Nomenclature	8	05-Apr-21	3	Genetics	27	10-May-21
25	Calorimetry & Thermal expansion	4	03-Jan-22	2	Structural Isomerism	4	03-May-21	4	Ecology	21	12-Jul-21
26	Heat Transfer	4	07-Jan-22	3	Stereoisomers	12	17-May-21	5	Cell Biology	13	30-Aug-21
27	String wave	6	13-Jan-22	4	GOC (Electronic effect)	4	28-Jun-21	6	Plant Physiology II	21	28-Sep-21
28	Sound Wave	7	21-Jan-22	5	Application of electronic effects	9	12-Jul-21	7	Plant morphology	10	23-Nov-21
29	Unit & Dimension	1	01-Feb-22	6	Reaction Mechanism of Alkyl / Aryl halide	4	10-Aug-21	8	Plant anatomy	7	15-Dec-21
30	Error & Measurement	1	02-Feb-22	7	Reaction Mechanism of Alcohol ether	7	24-Aug-21	9	Biological Classification	4	03-Jan-22
31	Fluid Mechanics	3	03-Feb-22	8	Hydrocarbon (Alkane/ Alkene/Alkyne)	8	20-Sep-21	10	Plant Kingdom	4	10-Jan-22
32	Elasticity	1	08-Feb-22	9	Grignard reagent	4	18-Oct-21	11	Living world	1	17-Jan-22
33	Surface Tension	1	09-Feb-22	10	Aromatic Hydrocarbon (Benzene)	5	11-Nov-21	12	Plant physiology-I	6	18-Jan-22
34	Viscosity	2	10-Feb-22	11	Aromatic Comp. (Phenol, Aniline, Nitrobenzene)	8	29-Nov-21				
				12	Carbonyl Comp. & Carboxylic acid and derivatives	10	27-Dec-21				
				13	Biomolecules & Polymer	6	31-Jan-22				
Total No. of Lectures				Total No. of Lectures				Total No. of Lectures			
217				257				252			

DPP Distribution Schedule

Date	Week	Module	Date	Week	Module
Monday, 5 April, 2021	W-1	A	Monday, 6 September, 2021	W-23	B

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
					Physics	Chemistry	Zoology	Botany			
					Physical/ Inorganic	Organic	Zoology	Botany			
1	PT-1	NEET	23-05-2021 (Sunday)	02-05-2021 (Wednesday)	Mathematical tools, Rectilinear Motion, Projectile & Relative Motion, NLM, Friction.	Mole Concept, Atomic Structure (upto Quantum number)	IUPAC Nomenclature and Structural Isomerism.	Reprod. in organisms, Reprod. in human- Male & female reproductive tract & gametogenesis	Application Biology, Plant breeding	3	
2	CT-1	NEET	06-06-2021 (Sunday)	16-05-2021 (Wednesday)	Mathematical tools, Rectilinear, Projectile & Relative motion, NLM, Friction, Nuclear physics	Mole concept & Atomic structure.	IUPAC Nomenclature & Structural Isomerism, Structural identification (till ozonolysis).	Genetics - principles of inheritance upto polygenic inheritance	Genetics - principles of inheritance	3	
3	PT-2	NEET	20-06-2021 (Sunday)	30-05-2021 (Wednesday)	Semiconductor, Nuclear-physics	Gaseous state and Periodic table.	Structural isomerism, Structural identification & POC.	Human reproduction and reproductive health, Human health and disease	Genetics - principles of inheritance	3	
4	CT-2	NEET	04-07-2021 (Sunday)	14-07-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, NLM, Friction, GO, WPE	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding (upto Bond order)	IUPAC Nomenclature & Structural isomerism, Stereoisomers	Human health and disease	Genetics - principles of inheritance Complete	3	
5	PT-3	NEET	18-07-2021 (Sunday)	28-07-2021 (Wednesday)	NLM, Friction, GO	Chemical Bonding	Stereoisomers, GOC (upto electron density)	Reproduction in organism and human, reproductive health, Human health and disease, origin and evolution	Molecular basis of inheritance upto transcription	3	
6	CT-3	NEET	01-08-2021 (Sunday)	11-08-2021 (Wednesday)	Mathematical Tools, Rectilinear motion, Projectile Motion, NLM, Friction, GO, WPE, Circular Motion	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 14 groups), Solution & Colligative prop. (upto introduction to colligative properties)	IUPAC Nomenclature, Structural isomerism, Stereoisomers, GOC (upto Acidic Strength)	Origin and evolution, biotechnology- 1 & 2	Molecular basis of inheritance complete Ecology organism population	3	
7	PT-4	NEET	29-08-2021 (Sunday)	08-09-2021 (Wednesday)	Centre of mass, RBD	p-block elements (13 & 16 groups), Solution & Colligative properties, Electrochemistry	GOC, Reaction Mechanism of Alkyl / Aryl halide (upto Elimination Reaction of alkylhalide by E1)	Full Syllabus 12th	Ecology-Organism and population, Ecosystem and Environmental issues.	3	
8	CT-4	NEET	12-09-2021 (Sunday)	22-09-2021 (Wednesday)	Math. Tools, Rectilinear motion, Projectile Motion, NLM, Friction, GO, WPE, Circular Motion, COM, RBD, SHM, Electrostatics	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative prop., Electrochemistry, Coordination Compounds (upto Ambidentate Ligand & Naming of legend)	IUPAC Nomenclature, Structural isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether	Ecology complete+ cell the unit of life up to cell membrane	Ecology complete+ cell the unit of life up to cell membrane	3	
9	PT-5	NEET	26-09-2021 (Sunday)	06-10-2021 (Wednesday)	Electrostatics, Gravitation	p-block elements (17 & 18 groups), Coordination Compounds	Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether	Structural Organisation in Animals	Cell biology-cell The unit of life	3	
10	CT-5	NEET	10-10-2021 (Sunday)	20-10-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, NLM, Friction, GO, WPE, Circular Motion, RBD, SHM, Electrostatics, Gravitation, CE, Capacitance, EMF, EMI upto Circuit problem with mechanics, Time varying magnetic field)	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative prop., Electrochem., Coordination Comp., d-block elem., Chem Kinetics (upto 1st order reaction)	IUPAC Nomenclature, Struct. isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Ether Hydrocarbon (Alkene/Alkyne)	Breathing and Exchange of Gases	Ecology + Cell biology + plant physiology II RESPIRATION	3	
11	PT-6	NEET	24-10-2021 (Sunday)	03-11-2021 (Wednesday)	Capacitance, EMF	d-Block elements & Chemical Kinetics	Hydrocarbon (Alkene/Alkyne)	Digestive system, respiratory system, Circulatory system	Plant Physiology-II Respiration + Photosynthesis upto light Reaction	3	
12	CT-6	NEET	14-11-2021 (Sunday)	24-11-2021 (Wednesday)	Mathem. Tools, Rectilinear & Projectile Motion, NLM, Friction, GO, WPE, Circular Motion, RBD, SHM, Electrostatics, Gravitation, CE, Capacitance, EMF, EMI upto Circuit problem with mechanics, Time varying magnetic field)	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative prop., Electrochem., Coordination Compounds, d-block elements, Chemical Kinetics, Metallurgy	IUPAC Nomenclature, Structural isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether, Hydrocarbon (Alkene/Alkyne), Grignard reagent	Cell biology Complete+ Plant Physiology-II Respiration + Photosynthesis	Cell biology Complete+ Plant Physiology-II Respiration + Photosynthesis	3	
13	PT-7	NEET	28-11-2021 (Sunday)	08-12-2021 (Wednesday)	EMI, AC	Metallurgy, Redox Reaction (Equivalent Concept)	Grignard reagent, Aromatic Hydrocarbon (Benzene)	Digestive system, respiratory system, Circulatory system Excretory Products & their Elimination	Plant Physiology II Complete	3	
14	CT-7	NEET	12-12-2021 (Sunday)	22-12-2021 (Wednesday)	Mathematical Tools, Rectilinear & Projectile Motion, NLM, Friction, GO, WPE, Circular Motion, COM, RBD, SHM, Electrostatics, Gravitation, Current electricity, Capacitance, EMF, EMI, AC, MP, Nuclear Physics	Mole Concept, Atomic Structure, Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative properties, Electrochemistry, Coordination Compounds, d-block elements, chemical Kinetics, Metallurgy, Redox reaction, s-block elements	IUPAC Nomenclature, Struct. isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether Hydrocarbon (Alkene/Alkyne), Grignard reagent, Aromatic Hydrocarbon (Benzene), Aromatic comp. (Phenol, Aniline, Nitrobenzene) (upto Special name reaction of Phenol (Fries rearrangement, kolbe-schmidt reaction, claisen reaction, Reimer-tiemann reaction, phenolphthalein indicator etc.))	Plant Physiology II Complete + Plant Morphology upto Corolla	Plant Physiology II Complete + Plant Morphology upto Corolla	3	
15	PT-8	NEET	26-12-2021 (Sunday)	05-01-2022 (Wednesday)	Modern Physics, Nuclear Physics, Semiconductor, EMW	s-block Elements & Solid State, Surface Chemistry (upto Emulsions, Gels)	Aromatic compound (Phenol, Aniline, Nitrobenzene)	Locomotion and movement, structural organisation of animals	Plant Morphology Complete + Plant Anatomy upto Phloem	3	
16	CT-8	NEET	09-01-2022 (Sunday)	19-01-2021 (Wednesday)	Mathematical Tools, Rectilinear & Projectile Motion, NLM, Friction, GO, WPE, Circular Motion, COM, RBD, SHM, Electrostatics, Gravitation, CE, Capacitance, EMF, EMI, AC, MP, Nuclear Physics, Semiconductor, EMW, KTG & thermodynamics Calorimetry & Thermal expansion	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative properties, Electrochemistry, Coordination Compounds, p-block elements, chemical Kinetics, Metallurgy, Redox reaction, s-block elements, SA, Surface Chemistry, Chemical Equilibrium (upto Degree of Dissociation, Chemical Equilibrium)	IUPAC Nomenclature, Struct. isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether Hydrocarbon (Alkene/Alkyne), Grignard reagent, Aromatic Hydrocarbon (Benzene), Aromatic comp. (Phenol, Aniline, Nitrobenzene), Carbonyl Comp., Carboxylic acid and derivatives (upto Molecular Orbital (MO) and IUPAC Nomenclature)	Locomotion and movement + Animal Kingdom (up to Chordophora)	Plant Anatomy Complete	3	
17	PT-9	NEET	23-01-2022 (Sunday)	02-02-2022 (Wednesday)	KTG & thermodynamics, Calorimetry & Thermal Ex., Heat Transfer, String wave	Surface Chemistry, Chemical Equilibrium, Ionic Equilibrium (upto pH calculation (SA, SB, mixture of SA, mixture of SB, mixture of SA, SB, WA, WB))	Carbonyl Compound & Carboxylic acid and derivatives (upto Preparation of acid and derivatives)	Animal Kingdom- 1 & 2 (up to reptilia)	Biological Classification + Living world + Plant Kingdom	3	
18	CT-9	NEET	06-02-2022 (Sunday)	16-02-2022 (Wednesday)	Mathematical Tools, Rectilinear & Projectile Motion, NLM, Friction, GO, WPE, Circular Motion, COM, RBD, SHM, Electrostatics, Gravitation, CE, Capacitance, EMF, EMI, AC, MP, Nuclear Physics, Semiconductor, EMW, KTG & Thermodynamics, Calorimetry & Thermal ex., Heat, Transfer, String wave, Sound wave, U & D, Measurement error	Mole Concept, Atomic Struct., Gaseous State, Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative prop., Electrochemistry, Coordination Comp., d-block elements, SA, Surface Chemistry, Chemical Equilibrium, Ionic Equilibrium	IUPAC Nomenclature, Struct. isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether Hydrocarbon (Alkene/Alkyne), Grignard reagent, Aromatic Hydrocarbon (Benzene), Aromatic comp. (Phenol, Aniline, Nitrobenzene), Carbonyl Compound & Carboxylic acid and derivatives	Locomotion and movement, Animal Kingdom-1 & 2 (up to reptilia)	Biological Classification + Plant: Kingdom + Plant: Physiology-I	3	
19	PT-10	NEET	20-02-2022 (Sunday)	23-02-2022 (Wednesday)	Sound wave, U BD, Error, Fluid mechanics, Elasticity & Viscosity, Surface tension	Ionic Equilibrium & Thermochemistry	Biomolecules & Polymer	Biomolecules	Full syllabus	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/ CIs (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

57