

COURSE START : 03/03/2024			
SYLLABUS END : 25/11/2024			
TARGET : XII NEET			
PHYSICS [P]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
1	Mathematical Tools	10	03.03.2024
2	Rectilinear Motion	10	17.03.2024
3	Projectile Motion	4	31.03.2024
4	Relative Motion	6	04.04.2024
5	Newtons Laws of Motion	10	14.04.2024
6	Friction	5	28.04.2024
7	Geometrical optics	15	05.05.2024
8	Work, Power & Energy	7	26.05.2024
9	Circular Motion	7	04.06.2024
10	Centre of Mass	8	13.06.2024
11	Rigid Body Dynamics	10	25.06.2024
12	Simple Harmonic Motion	7	09.07.2024
13	Electrostatics	15	18.07.2024
14	Gravitation	5	09.08.2024
15	Current Electricity	8	15.08.2024
16	Capacitance	8	27.08.2024
17	EMF	12	08.09.2024
18	EMI	8	24.09.2024
19	Alternating Current	5	16.10.2024
20	Modern Physics	7	23.10.2024
21	Nuclear Physics	6	03.11.2024

COURSE START : 03/03/2024			
SYLLABUS END : 25/11/2024			
TARGET : XII NEET			
CHEMISTRY [C]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
PHYSICAL/ INORGANIC			
1	Mole Concept	11	03.03.2024
2	Atomic Structure	12	26.03.2024
3	Gaseous State	7	24.04.2024
4	Periodic table	4	13.05.2024
5	Chemical Bonding	12	20.05.2024
6	p-Block (B & C Family)	4	10.06.2024
7	Solution & Colligative Properties	6	17.06.2024
8	N & O Family	5	03.07.2024
9	Electrochemistry	10	14.07.2024
10	Halogen & Noble Gas	4	02.08.2024
11	Coordination Compounds	11	09.08.2024
12	d-Block Elements	6	29.08.2024
13	Chemical Kinetics	10	06/09/24
14	Metallurgy	8	25.09.2024
15	Redox Reaction (Equivalent Concept)	6	19.10.2024
16	s-Block Elements	6	30.10.2024
17	Solid State	7	08.11.2024
18	Surface Chemistry	7	21.11.2024
19	Chemical Equilibrium	8	04.12.2024
20	Ionic Equilibrium	11	18.12.2024

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SYLLABUS END : 25/11/2024			
TARGET : XII NEET			
MATHEMATICS [M]			
Sr. No.	Topic Name/Sequence	No. of Lectures	Starting Date
ZOOLOGY			
1	Reproduction in Organisms	3	03.03.2024
2	Human Reprod. & Reprod. Health	15	11.03.2024
3	Human Health and Disease	11	27.04.2024
4	Origin and Evolution	9	23.05.2024
5	Biotechnology	6	13.06.2024
6	Strategies for enhancem. Of Food Prod.	3	27.06.2024
7	Microbes in Human Welfare	4	04.07.2024
8	Structural Organisation in Animals	6	16.07.2024
9	Digestion and Absorption	8	29.07.2024
10	Breathing and Exchange of gases	6	14.08.2024
11	Body Fluids and Circulation	6	28.08.2024
12	Excretory Products & their Elimination	6	16.09.2024
13	Chemical Coordination Integration	6	24.09.2024
14	Neural control & Coordination	9	22.10.2024
15	Locomotion & Movement	6	12.11.2024
16	Animal Kingdom-Gen. Ac. & Non Chordates	6	26.11.2024
17	Animal Kingdom-1	2	08.12.2024

22	Semiconductor	5	11.11.2024
23	Electromagnetic Wave	1	18.11.2024
24	KTG & Thermodynamics	8	19.11.2024
25	Calorimetry & Thermal Expansion	4	01.12.2024
26	Heat Transfer	4	05.12.2024
27	String Wave	6	11.12.2024
28	Sound Wave	7	19.12.2024
29	Unit & Dimension	1	30.12.2024
30	Error & Measurement	1	31.12.2024
31	Fluid Mechanics	3	01.01.2025
32	Elasticity	1	06.01.2025
33	Surface Tension	1	07.01.2025
34	Viscosity	2	08.01.2025
Total No. of Lectures		217	

21	Thermodynamics & Thermochemistry	13	04.01.2025
ORGANIC			
1	IUPAC Nomenclature	8	03.03.2024
2	Structural Isomerism	4	02.04.2024
3	Stereoisomerism	12	16.04.2024
4	GOC (Electronic Effect)	4	28.05.2024
5	Application of Electronic Effects	9	11.06.2024
6	Reaction Mechanism of Alkyl / Aryl Halide	4	10.07.2024
7	Reaction Mechanism of Alcohol Ether	7	24.07.2024
8	Hydrocarbon (Alkane/ Alkene/ Alkyne)	8	20.08.2024
9	Grignard Reagent	4	19.09.2024
10	Aromatic Hydrocarbon (Benzene)	5	11.10.2024
11	Aromatic Comp. (Phenol, Aniline, Nitrobenzene)	8	29.10.2024
12	Carbonyl Comp. Carboxylic acid & Derivatives	10	26.11.2024
13	Biomolecules & Polymer	6	31.12.2024
Total No. of Lectures		257	

18	Animal Kingdom-2 Chordates	5	16.12.2024
19	Biomolecules	6	05.01.2025
BOTANY			
1	Reproduction in Flowering Plants	12	03.03.2024
2	Application Biology	3	31.03.2024
3	Genetics	27	07.04.2024
4	Ecology	21	09.06.2024
5	Cell Biology	13	27.07.2024
6	Plant Physiology-II	21	25.08.2024
7	Plant Morphology	10	20.10.2024
8	Plant Anatomy	7	11.11.2024
9	Biological Classification	4	30.11.2024
10	Plant Kingdom	4	07.12.2024
11	Living World	1	14.12.2024
12	Plant Physiology-I	6	15.12.2024
Total No. of Lectures		252	

SR. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	Physics	CHEMISTRY		BIOLOGY		Testing Hours
					Physical/ Inorganic	Organic	Zoology	Botany	
1	PT-1	NEET	21/04/24 (Sunday)	Mathematical tools, Rectilinear Motion,	Mole Concept, Atomic Structure	IUPAC Nomenclature and Structural Isomerism.	Reprod. in organisms, Reprod. in human- Male	Reproduction in Flowering plants,	3
				Projectile & Relative Motion, NLM, Friction	(upto Quantum number)		& female reproductive tract & gametogenesis	Application Biology, Plant breeding	
2	CT-1	NEET	05/05/2024 (Sunday)	Mathematical Tools, Rectilinear, Projectile &	Mole concept & Atomic structure.	IUPAC Nomenclature & Structural isomerism,	reproductive cycles, Fertilization, Embryonic	Genetics - principles of inheritance upto	3
				Relative motion, NLM, Friction, Nuclear physics		Structural identification (till ozonolysis).	development, Parturition, Reproductive Health	polygenic inheritance	
3	PT-2	NEET	19/05/2024 (Sunday)	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	02/06/2024 (Sunday)	Mathematical Tools, Rectilinear motion,	Mole Concept, Atomic Struct., Gaseous State,	IUPAC Nomenclature & Structural	Human health and disease	Genetics - principles of inheritance Complete	3
				Projectile Motion, NLM, Friction, GO, WPE	Periodic Table, Chem. Bonding (upto Bond order)	isomerism, Stereoisomers			
5	PT-3	NEET	16/06/2024 (Sunday)	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	30/06/2024 (Sunday)	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	28/07/2024 (Sunday)	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	11/08/2024 (Sunday)	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 legand)	IUPAC Nomenclature, Structural isomerism, Stereoisomers, GOC, Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether	Structural Organisation in Animals	Ecology complete+cell the unit of life up to cell membrane	3
9	PT-5	NEET	24/08/2024 (Sunday)	Electrostatics, Gravitation	p-block elements (17 & 18 groups),	Reaction Mechanism of Alkyl / Aryl halide	Structural Organisation in Animals,	Cell biology-cell The unit of life	3
					Coordination Compounds	/ Alcohol / Ether	Digestion and Absorption		
						IUPAC Nomenclature, Struct. isomerism,			
10	CT-5	NEET	07/09/2024 (Sunday)	Mathematical Tools, Rectilinear motion, Projectile Motion, NLM, Friction, GO, WPE, Circular Motion, Centre of mass, RBD, SHM, Electrostatics, Gravitation, CE, Capacitance	Mole Concept, Atomic Struc., 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)	Stereoisomers, GOC, Reaction Mechanism of Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether, Hydrocarbon (Alkane/ Alkene/ Alkyne) (upto Chemical reaction of Alkene/ Alkyne (Hydroboration-oxidation, mercuration-demercuration, Tilden reagent,	Breathing and Exchange of Gases	Ecology +Cell biology +plant physiology II RESPIRATION	3
						1, 2 - 1, 4 addition, carbene addition)			
11	PT-6	NEET	21/09/2024 (Sunday)	Capacitance, EMF	d-Block elements & Chemical Kinetics	Hydrocarbon (Alkane/ Alkene/Alkyne)	Digestive system, respiratory system,	Plant Physiology-II Respiration +	3
							Circulatory system	Photosynthesis upto light Reaction	
12	CT-6	NEET	12-10-2024 (Sunday)	Mathem. Tools, Rectilinear & Projectile Motion,	Mole Concept, Atomic Struc., Gaseous State,	IUPAC Nomenclature, Structural isomerism, Stereoisomers, GOC, Reaction Mechanism of Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether, Hydrocarbon (Alkane/ Alkene/ Alkyne), Grignard reagent	Excretory Products & their Elimination	Cell biology Complete+ Plant Physiology-II Respiration + Photosynthesis	3
				NLM, Friction, GO, WPE, Circular Motion, COM,	Periodic Table, Chem. Bonding, p-block elements (13 & 18 groups), Solution & Colligative prop.,				
				RBD, SHM, Electrostatics, Gravitation, CE,	Electrochem., Cioordination Compounds, d-block				
				Capacitance, EMF, EMI (upto Circuit problem)	elements, chemical Kinetics,				
				with mechanics, Time varying magnetic field)	Metallurgy				

13	PT-7	NEET	26/10/2024 (Sunday)	EMI, AC	Metallurgy, Redox Reaction (Equivalent Concept)	Grignard reagent, Aromatic Hydrocarbon (Benzene) IUPAC Nomenclature, Struct. isomerism,	Digestive system, respiratory system, Circulatory system, Excretory Products & their Elimination,	Plant Physiology II Complete	3
14	CT-7	NEET	09/11/2024 (Sunday)	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	Stereoisomers, GOC, Reaction Mechanism of Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether, Hydrocarbon (Alkane/ 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, Riemer-Tiemen reaction, phenolphthalin indicator etc.))	Neural control and coordination	Plant Physiology II Complete+ Plant Morphology upto Corolla	3
15	PT-8	NEET	23/11/2024 (Sunday)	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	07/12/2024 (Sunday)	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, Chemical Bonding, p-block elements (13 & 18 groups), Solution & Colligative properties, Electrochemistry, Coordination Compounds, d- block elements, chemical Kinetics, Metallurgy, Redox reaction, s-block elements, Solid State, Surface Chemistry, Chemical Equilibrium (upto Degree of Dissociation and Heterogenous Equilibrium)	IUPAC Nomenclature, Struct. isomerism, Stereoisomers, GOC, Reaction Mechanism of Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether, Hydrocarbon (Alkane/ Alkene /Alkyne), Grignard reagent, Arom. Hydrocarbon (Benzene), Aromatic comp. (Phenol, Aniline, Nitrobenzene), Carbonyl Comp. & Carboxylic acid and derivatives (upto Nucleophilic addition reaction of carbonyl comp. (HCN & GR, ROH))	Locomotion and movement + Animal Kingdom (up to Ctenophora)	Plant Anatomy Complete	3

17	PT-9	NEET	21/12/2024 (Sunday)	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	04/01/2025 (Sunday)	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 & Thermody. 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., Electrochem., Coordination Comp., d-block elements, Chem. Kinetics, Metallurgy, Redox reaction, s-block elements, Solid State, Surface Chem., Chem. Equilibrium, Ionic Equilibrium	IUPAC Nomencl., Struct. isomerism, Stereoisomers, GOC, Reaction Mechanism of Reaction Mechanism of Alkyl / Aryl halide / Alcohol / Ether, Hydrocarbon (Alkane/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	18/01/2025 (Sunday)	Sound wave, U & D, Error, Fluid mechanics, Elasticity & Viscosity, Surface Tension	Ionic Equilibrium & Thermodynamics & Thermochemistry	Biomolecules & Polymer	Biomolecules	Full syllabus	3