



## COURSE PLANNER

### Course Concept:

This course is for Class-XII passed students to prepare them for NEET (UG) 2021 attempt. The syllabus for NEET will be covered well before the exam and so that the student is well prepared with adequate time for revision and tests. The course will be conducted in two "Tracks" so that syllabus is completed well in time with periodic testing and doubt clearance classes.

### TOTAL ACADEMIC HOURS

Course Duration: 28 Weeks

Total Number of Lectures: 672 (P: 224 | C: 224 | B: 224)

Duration of one lecture: 1.25 hrs. = 75 minutes

Total Duration of Classroom Teaching: 840 hrs.

## SUBJECT WISE SYLLABUS PLAN

PHYSICS [P]			CHEMISTRY [C]			BIOLOGY (B)		
TRACK - 1			PHYSICAL/ INORGANIC					
S. No	Topic Name/Sequence	No. of Teaching Hours	S. No	Topic Name/Sequence	No. of Teaching Hours	S. No	Topic Name/Sequence	No. of Teaching Hours
1	KTG and Thermodynamics	13	1	Solution & colligative properties	10	1	The Living World	2
2	Calorimetry and Thermal Expansion	6	2	Atomic Structure	6	2	Biological Classification	9
3	Geometrical optics	21	3	Mole Concept	10	3	Plant Kingdom	9
4	Electrostatics	24	4	Periodic Table	5	4	Morphology of Flowering Plants	8
5	Gravitation	5	5	Real gas	7	5	Anatomy of Flowering Plants	6
6	Current Electricity	12	6	Chemical bonding	17	6	Cell : The Unit of Life	8
7	Capacitance	10	7	Chemical Equilibrium	8	7	Cell Cycle and Cell Division	5
8	Center of Mass	14	8	Coordination Chemistry	11	8	Transport in Plants	7
9	RBD	20	9	Electrochemistry	12	9	Mineral Nutrition	7
10	Magnetic field and Magnetic effect of current	12	10	Metallurgy	7	10	Photosynthesis in Higher Plants	7
11	EMI	10	11	Chemical Kinetics	12	11	Respiration in Plants	7
12	AC	6	12	Nitrogen & Oxygen	5	12	Plant Growth and Development	7
13	String Waves	6	13	Solid State	8	13	Sexual Reproduction in Flowering Plants	8
14	Sound Waves	9	14	Halogen & Inert gas	4	14	Principles of Inheritance and Variation	13
15	Wave Optics	6	15	Equivalent concept	7	15	Molecular Basis of Inheritance	13
	<b>Total Teaching Hours</b>	<b>174</b>	16	d-Block	4	16	Plant Breeding	3
	<b>TRACK - 2</b>		17	Thermodynamics	16	17	Organisms and Populations	6
1	Kinematics (Rectilinear + Projectile + Relative )	18	18	Qualitative Analysis	10	18	Ecosystem	5
2	NLM	12	19	Ionic Equilibrium	10	19	Biodiversity and Conservation	5
3	Friction	6	20	s-Block	3	20	Environmental Issues	5
4	Work Power & Energy	12	21	Boron & Carbon	3		<b>Total Teaching Hours</b>	<b>140</b>
5	Circular Motion	8		<b>Total Teaching Hours</b>	<b>175</b>		<b>BIOLOGY [Z]</b>	
6	Modern Physics	9	1	IUPAC Nomenclature & Structural Isomerism	7	1	Digestion and Absorption	14
7	Nuclear Physics	7	2	Structural Identification & POC	4	2	Breathing and Exchange of Gases	6
8	SHM	8	3	Stereoisomerism	14	3	Body Fluids and Circulation	10
9	Fluid Mechanics	6	4	GOC - I & II	18	4	Excretory Products and Their Elimination	6
10	Elasticity and Viscosity	3	5	Reaction Mechanism	11	5	Locomotion and Movement	10
11	Surface Tension	3	6	Hydrocarbons	10	6	Neural Control and Coordination	10
12	Heat Transfer	5	7	Grignard Reagent	4	7	Chemical Control and Coordination	7
13	Semiconductor	3	8	Reduction, Oxidation & Hydrolysis	6	8	Biomolecules	12
14	EMW	2	9	Aromatic Compounds	10	9	Structural Organization in Animals	10
15	POC	2	10	Carbonyl Compounds & Acid Derivatives	10	10	Reproduction in Organisms	1
16	Error in measurement	2	11	Biomolecules	6	11	Human Reproduction	14
	<b>Total Teaching Hours</b>	<b>106</b>	12	Polymer	2	12	Reproductive Health	4
			13	Chemistry in everyday life	3	13	Health and Disease	8
				<b>Total Teaching Hours</b>	<b>105</b>	14	Bio Technology	7
						15	Evolution	9
						16	Microbes in Human Welfare	3
						17	Animal Husbandry	1
						18	Animal Kingdom	8
							<b>Total Teaching Hours</b>	<b>140</b>

**Note:** Some changes may be done to the course planner according to the actual exam date and schedule of NEET- (UG) 2021.

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