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Pre-Medical Division

Academic Session: 2023-24

COURSE PLANNER

Class: XII+ | Course: SAFAL (MR)

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GMCs: Govt. Medical Colleges | **PMCs:** Pvt. Medical Colleges | **DENTAL:** Govt./Pvt. Dental Colleges
AYUSH: Ayurveda, Yoga & Naturopathy, Unani, Siddha & Homoeopathy Colleges | **GVCs/PVCs:** Govt./Pvt. Veterinary Colleges

Class	Course Name	Phase / Batch Code	Course Starts (Date/Day)	Course Ends (Date/Day)	Target Institutions	Target Examination	Target Year
XII+	SAFAL	01MR	05.06.2023 (Monday)	17.02.2024 (Friday)	AIIMS/ Medical Colleges	NEET (UG)	2024

COURSE INTRODUCTION

Eligibility	For Class XII Passed (2022-23) Students	Course Type	Yearlong Classroom Contact Programme (YCCP)
Primary Target Examination	NEET (UG)	Coaching Mode	Physical Classroom (Offline)
Other Target Examinations(s)	IISER-AT, NEST, BITSAT CUET, Board	Medium of Insturctions	English & Hindi
Primary Target College (s)	AIIMS/ Central & State Govt. Medical Colleges (GMCs)	Language of Content (Study Material)	English & Hindi
Other Target College (s)	Pvt. Medical Colleges (PMCs)/ Dental/ AYUSH/Veterinary Colleges	Testing & Assessment Mode	Paper-Based Testing (PBT)

COURSE CONTENT

S. No.	Content	Purpose	Units	No. of Pages	No. of Questions	Remarks
1.	Lecture Notes	Conceptual Learning	552	2760**	2760**	Self-Made (Classroom)
2.	Daily Practice Problems (DPPs)	Practice & Revision	320	640	3200	Subject-wise Booklets
3.	Topic-Wise Sheets/ Modules	Practice & Perfection	100	4926	20682	Topic-wise Sheets
4.	Periodic Tests & Text Solutions	Assessment & Benchmarking	12	480*	2400	As per Test Schedule
Grand Total			**984**	**8806**	**29042**	

COURSE SYNOPSIS

Course Duration	37 Weeks	Total Lectures	552 L	Classroom Hours (Total)	828 Hrs
Academic Weeks	35 Weeks	Subject-wise Lectures (P,C,B each)	P:184 L C:184 L B:184 L	Classroom Hours (Subject-wise)	P: 276 Hrs C: 276 Hrs B: 276 Hrs
Vacation Weeks	02 Weeks	Lectures Per Week (Total)	15 L	No. of Periodic Tests	12
Subjects	Physics, Chemistry & Biology	Lectures Per Week (Subject-wise)	P: 5 L C: 5 L B: 5 L	Total Testing Hours	40 Hrs
Syllabus	NEET (UG) (As Per NTA)	Lecture Duration	1.5 Hr. (90 Min)	Total Academic Hours	868 Hrs

COURSE PEDAGOGY

Sr#.	Pedagogical Steps/Tools	Learning Advantage / Utility / Benefits
1.	Physical Classroom	• Effective & Efficient Learning Ambience
2.	Instructor / Faculty	• Subject-Matter Experts (Teachers)
3.	Interactive Classes	• Live-learning & Interaction (Teacher-Student) • Peer-learning (Student-Student) • Doubt Discussion
4.	Lecture Notes	• Hand-written Lecture Notes • Self-Made by Student in the Classroom • Theory, Illustrations, Examples (Solved & Unsolved) • Based on Lecture Content by the Teaching Faculty
5.	Daily Practice Problems (DPPs)	• Homework Tool • For Regular Revision • Discussed in Classroom • Problems from Previous Topics
6.	Sheets/ Modules	• Topic-wise Theory for Conceptual Understanding • Exercises for Homework, Self-Practice & Perfection
7.	Doubt Classes	• One-on-One Doubt Discussion/ Resolution (Teacher-Student) for Individual Needs
8.	Special Classes	• Clinic Classes, Extra Classes etc. for Special Needs
9.	Periodic Assessment Tests (PATs)	• Part Tests (PTs), Cumulative Tests (CTs) for Regular Assessment & Benchmarking of Learning Outcomes
10.	Revision Plan	• Structured Revision • Full Syllabus Mock Tests

* Assuming there are 5 Pages of Lecture Notes Per Lecture | ** Assuming there are 5 Questions / Examples Per Lecture | #Assuming approx 50 Pages Per Test (Test Paper & Solution Booklet)

Disclaimer: Information provided is subjected to change.

WEEKLY LECTURE PLANNER

TL: Total Lectures (Week) | **CL:** Cumulative Lectures | **P:** Physics | **C:** Chemistry (**P/I:** Physical/Inorganic | **O:** Organic) | **B:** Biology (**ZO:** Zoology | **BO:** Botany)

Week No.	Week Duration		No. of Lecture(s)					TL	CL
	From	To	P	C		B			
				P/I	O	ZO	BO		
W-1	05-Jun	10-Jun	6	4	1	1	4	16	16
W-2	12-Jun	17-Jun	6	4	2	1	4	17	33
W-3	19-Jun	24-Jun	3	2	2	2	2	11	44
W-4	26-Jun	01-Jul	2	1	2	2	1	8	52
W-5	03-Jul	08-Jul	3	1	1	2	1	8	60
W-6	10-Jul	15-Jul	3	2	1	2	1	9	69
W-7	17-Jul	22-Jul	4	4	2	3	1	14	83
W-8	24-Jul	29-Jul	5	3	3	2	2	15	98
W-9	31-Jul	05-Aug	5	3	2	3	2	15	113
W-10	07-Aug	12-Aug	5	3	2	2	3	15	128
W-11	14-Aug	19-Aug	5	3	2	2	3	15	143
W-12	21-Aug	26-Aug	5	3	2	3	2	15	158
W-13	28-Aug	02-Sep	5	3	2	3	2	15	173
W-14	04-Sep	09-Sep	6	3	3	3	3	18	191
W-15	11-Sep	16-Sep	5	3	2	3	3	16	207
W-16	18-Sep	23-Sep	6	3	3	3	3	18	225
W-17	25-Sep	30-Sep	5	3	2	3	3	16	241
W-18	02-Oct	07-Oct	5	3	2	3	2	15	256
W-19	09-Oct	14-Oct	6	3	2	3	2	16	272
W-20	16-Oct	21-Oct	6	3	2	3	3	17	289
W-21	23-Oct	28-Oct	5	3	2	3	2	15	304
W-22	30-Oct	04-Nov	6	4	2	3	3	18	322
W-23	06-Nov	11-Nov	3	2	1	2	1	9	331
W-24	13-Nov	18-Nov	0	0	0	0	0	0	331
W-25	20-Nov	25-Nov	5	3	2	2	3	15	346
W-26	27-Nov	02-Dec	6	3	2	3	3	17	363
W-27	04-Dec	09-Dec	6	3	3	3	3	18	381
W-28	11-Dec	16-Dec	5	2	3	2	3	15	396
W-29	18-Dec	23-Dec	6	3	3	3	3	18	414
W-30	25-Dec	30-Dec	6	3	3	3	3	18	432
W-31	01-Jan	06-Jan	5	3	2	2	3	15	447
W-32	08-Jan	13-Jan	6	3	3	3	3	18	465
W-33	15-Jan	20-Jan	6	3	3	3	3	18	483
W-34	22-Jan	27-Jan	5	3	2	2	3	15	498
W-35	29-Jan	03-Feb	6	3	3	3	3	18	516
W-36	05-Feb	10-Feb	6	3	3	3	3	18	534
W-37	12-Feb	17-Feb	6	3	3	3	3	18	552
Total			**184**	**104**		**80**		**552**	
						92	**92**		

Total Lectures: 552 (P: 184 | C: 184 | B: 184) | Total Classroom Hours: 828 Hrs (P: 276 Hrs. | C: 276 Hrs. | B: 276 Hrs.)

STUDY MATERIAL PLANNER (SHEETS / MODULES)

PHYSICS [P]

T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date
	Packet No. 1			
1	Mathematical Tools	7	195	05-Jun-23
2	Rectilinear Motion	5	180	13-Jun-23
3	Unit & Dimension	2	159	19-Jun-23
4	Measurement Error & Experiment	2	97	21-Jun-23
5	Projectile Motion	3	134	27-Jun-23
	Packet No. 2			
6	Relative Motion	3	61	05-Jul-23
7	Newtons laws of motion	7	172	12-Jul-23
8	Friction	3	92	26-Jul-23
9	Work, Power & Energy	6	189	31-Jul-23
10	Circular Motion	6	159	08-Aug-23
11	Electrostatics	10	344	17-Aug-23
12	Gravitation	4	252	31-Aug-23
13	Current electricity	7	362	05-Sep-23
14	Heat Transfer	4	162	13-Sep-23
15	Capacitance	7	213	19-Sep-23
	Packet No. 3			
16	EMF	10	336	27-Sep-23
17	EMI	8	194	11-Oct-23
18	Alternating current	4	165	20-Oct-23
19	Electromagnetic Wave	1	172	25-Oct-23
20	Modern Physics	6	370	26-Oct-23
21	Nuclear Physics	6	234	03-Nov-23
22	Solid & Semiconductor	6	309	21-Nov-23
	Packet No. 4			
23	Centre of mass	7	275	29-Nov-23
24	Rigid Body Dynamics	8	295	07-Dec-23
25	KTG & Thermodynamics	7	334	18-Dec-23
26	Calorimetry & Thermal expansion	5	124	26-Dec-23
27	Simple Harmonic Motion	6	256	01-Jan-24
28	Wave on a String	6	154	09-Jan-24
29	Sound wave	6	182	16-Jan-24
30	Fluid Mechanics	3	132	23-Jan-24
31	Elasticity & Viscosity	2	103	26-Jan-24
32	Surface Tension	2	63	30-Jan-24
33	Geometrical Optics	10	373	01-Feb-24
34	Wave Optics	5	157	13-Feb-24
34	**Total**	**184**	**6999**	**NA**

CHEMISTRY [C]

T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date
	PHYSICAL / INORGANIC			
	Packet No. 1			
1	Mole Concept	8	205	05-Jun-23
2	Redox Reactions	4	127	19-Jun-23
	Packet No. 2			
3	Atomic Structure	10	268	10-Jul-23
4	Gaseous State	5	158	01-Aug-23
5	Chemical Equilibrium	5	201	14-Aug-23
6	Ionic Equilibrium	8	223	23-Aug-23
7	Solution & Colligative Properties	7	230	12-Sep-23
	Packet No. 3			
8	Electrochemistry	7	210	27-Sep-23
9	Chemical Kinetics	7	215	16-Oct-23
10	Coordination Compounds	7	168	31-Oct-23
11	Solid State	6	200	22-Nov-23
	Packet No. 4			
12	Thermodynamics & Thermochem.	9	229	06-Dec-23
13	Surface Chemistry	3	164	01-Jan-24
14	p-Block (Nitrogen & Oxygen Family)	8	171	08-Jan-24
15	p-block Elementsupto Halogen & Noble Gases)	3	100	24-Jan-24
16	d & f - Block Elements	3	175	31-Jan-24
17	Metallurgy	4	146	07-Feb-24
	OGRANIC			
	Packet No. 1			
1	IUPAC Nomenclature & Structural Isomerism	7	226	05-Jun-23
	Packet No. 2			
2	Stereoisomers	5	269	03-Jul-23
3	Electronic Effect (GOC)	8	300	25-Jul-23
4	Hydrocarbon	4	139	21-Aug-23
5	Periodic Table	3	180	04-Sep-23
6	Chemical Bonding	12	301	11-Sep-23
	Packet No. 3			
7	Reaction Mechanism	10	264	17-Oct-23
	Packet No. 4			
8	Aromatic Compound	7	237	04-Dec-23
9	Carbonyl Compound & Carboxylic acid and derivatives	6	221	19-Dec-23
10	p-block Elements	7	142	02-Jan-24
11	s-Block	3	158	22-Jan-24
12	Hydrogen Compounds	2	116	30-Jan-24
13	Biomolecule & Polymer,Practical Org. Chem.	4	209	05-Feb-24
14	Chemistry in Everyday Life	1	186	13-Feb-24
15	Environmental Chemistry	1	81	14-Feb-24
32	**Total**	**184**	**6219**	**NA**

BIOLOGY [B]

T#	Topic Name/Sequence	No of Lec.	No of Ques.	Topic Start Date
	ZOOLOGY			
	Packet No. 1			
1	Reproduction in organisms	2	92	05-Jun-23
2	Human reproduction & Reproductive health	11	272	19-Jun-23
	Packet No. 2			
3	Biology In Human Welfare (Human health and disease)	7	292	24-Jul-23
4	Origin and evolution	6	215	14-Aug-23
5	Application Biology (Biotechnology)	6	220	29-Aug-23
6	Biology In Human Welfare (Microbes in Human Welfare)	2	127	12-Sep-23
7	Biology in Human Welfare (Strategies for enhancement of food production) Animal Husbandry	4	61	18-Sep-23
	Packet No. 3			
8	Biomolecules	5	182	26-Sep-23
9	Structural Organisation in Animals	4	119	09-Oct-23
10	Locomotion and movement	4	158	17-Oct-23
11	Digestion and Absorption	5	172	25-Oct-23
12	Breathing and Exchange of Gases	4	182	07-Nov-23
	Packet No. 4			
13	Body Fluids & Circulation	5	216	28-Nov-23
14	Excretory Products & their Elimination	4	169	11-Dec-23
15	Chemical Coordination & Integration	7	290	20-Dec-23
16	Neural control and coordination	8	256	09-Jan-24
17	Animal Kingdom	8	512	30-Jan-24
	BOTANY			
	Packet No. 1			
1	Genetics	15	565	05-Jun-23
	Packet No. 2			
2	Application Biology (Plant Breeding)	2	111	25-Jul-23
3	Reproduction in flowering plants	4	304	01-Aug-23
4	Ecology	12	590	14-Aug-23
5	The Living World	2	158	13-Sep-23
6	Biological Classification	5	351	19-Sep-23
	Packet No. 3			
7	Plant Kingdom	5	246	02-Oct-23
8	Morphology of Flowering Plants	5	294	17-Oct-23
9	Anatomy of Flowering Plants	5	240	31-Oct-23
10	Cell: The Unit of Life	9	284	22-Nov-23
11	Cell Cycle and Cell Division	4		13-Dec-23
	Packet No. 4			
12	Transport in Plants	6	165	25-Dec-23
13	Mineral Nutrition	3	105	08-Jan-24
14	Photosynthesis in Higher Plants	6	195	15-Jan-24
15	Respiration in Plants	5	125	29-Jan-24
16	Plant Growth and Development	4	196	07-Feb-24
33	**Total**	**184**	**7464**	**NA**

Total No. of Sheets / Module: 99 (P: 34 | C: 32 | B: 33)

Total No. of Questions: 20682 (P: 6999 | C: 6219 | B: 7464)

Note: A Lecture of 90 Minutes usually Comprises of 15 Minutes of DPP Discussion, 30 Minutes of Sheet Discussion & 45 Minutes of Theory Class.

Note: All information provided here is tentative and may change.

STUDY MATERIAL PLANNER (DPPs)

S. No.	Subject		Total Lectures	Total DPPs	Total Questions in DPPs	Average Questions Per DPP
1	Physics	Physics	184	80	800	10
2	Chemistry	Physical/ Inorganic	184	80	800	10
		Organic				
3	Biology	Zoology	184	160	1600	10
		Botany				
Total			**552**	**320**	**3200**	**30**

DISCUSSION PLANNER (DPPs)

S. No.	Week No.	DPP No.					No. of DPPs
		P	C		B		
			P/I	O	Zoo.	Bot.	
1	W-1	1,2,3,4,5,6,	1,2,3	1	1,2,3	1,2,3,4,5	18
2	W-2	7,8,9,10,11,12	4,5,6	2,3	4,5,6	6,7,8,9,10	19
3	W-3	13,14	7	4,5	7,8,9	11,12,13,14	12
4	W-4	15,16	8	6,7	10,11,12	15,16	10
5	W-5	17,18	9	8	13,14,15	17,18	9
6	W-6	19,20	10	9	16,17,18	19,20	9
7	W-7	21,22	11	10,11	19,20,21	21,22	10
8	W-8	23,24	12	12	22,23,24	23,24	9
9	W-9	25,26	13	13	25,26	25,26	8
10	W-10	27,28	14	14	27,28	27,28	8
11	W-11	29,30	15	15	29,30	29,30	8
12	W-12	31,32	16	16	31,32	31,32	8
13	W-13	33,34	17	17	33,34	33,34	8
14	W-14	35,36	18	18	35,36	35,36	8
15	W-15	37,38	19	19	37,38	37,38	8
16	W-16	39,40	20	20	39,40	39,40	8
17	W-17	41,42	21	21	41,42	41,42	8
18	W-18	43,44	22	22	43,44	43,44	8
19	W-19	45,46	23	23	45,46	45,46	8
20	W-20	47,48	24	24	47,48	47,48	8
21	W-21	49,50	25	25	49,50	49,50	8
22	W-22	51,52	26	26	51,52	51,52	8
23	W-23	53,54	27	27	53,54	53,54	8
24	W-24	0	0	0	0	0	0
25	W-25	55,56	28	28	55,56	55,56	8
26	W-26	57,58	29	29	57,58	57,58	8
27	W-27	59,60	30	30	59,60	59,60	8
28	W-28	61,62	31	31	61,62	61,62	8
29	W-29	63,64	32	32	63,64	63,64	8
30	W-30	65,66	33	33	65,66	65,66	8
31	W-31	67,68	34	34	67,68	67,68	8
32	W-32	69,70	35	35	69,70	69,70	8
33	W-33	71,72	36	36	71,72	71,72	8
34	W-34	73,74	37	37	73,74	73,74	8
35	W-35	75,76	38	38	75,76	75,76	8
36	W-36	77,78	39	39	77,78	77,78	8
37	W-37	79,80	40	40	79,80	79,80	8
Total No. of DPPs		**80**	**40**	**40**	**80**	**80**	**320**

STUDY MATERIAL DISTRIBUTION PLANNER

S#	Packet	Distribution Week	Sheets/ Modules (T#)					DPP Booklets				
			P	C		B		PHYSICS (P)	CHEMISTRY (C)		BIOLOGY (B)	
				PI	OC	ZO	BO		Physical/ Inorganic (P/I)	Organic (OC)	Zoology (ZO)	Botany (BO)
1	First	On Course Commencement	1-5	1,2	1	1,2	1	Booklet: 1 (DPP No.1-26)	Booklet: 1 (DPP No.1-13)	Booklet: 1 (DPP No.1-13)	Booklet: 1 (DPP No.1-26)	Booklet: 1 (DPP No.1-26)
2	Second	First Week of July, 2023	6-15	3-7	2-6	3-7	2-6	Booklet: 2 (DPP No.27-51)	Booklet: 2 (DPP No.14-26)	Booklet: 2 (DPP No.14-26)	Booklet: 2 (DPP No.27-51)	Booklet: 2 (DPP No.27-51)
3	Third	Third Week of September, 2023	16-22	8-11	7	8-12	7-11	Booklet: 3 (DPP No.52-80)	Booklet: 3 (DPP No.27-40)	Booklet: 3 (DPP No.27-40)	Booklet: 3 (DPP No.52-80)	Booklet: 3 (DPP No.52-80)
4	Fourth	Third Week of November, 2023	23-34	12-17	8-15	13-17	12-16					

REVISION PLANNER

S#	Particular	Revision Plan-1
1	Start/ End Date	19.02.2024 / 30.04.2024
2	Duration	10-11 Weeks
3	No. of Daily Self Revision Test Paer (DSRT)	40
4	DPPs Discussion Hrs.	20 Hrs.
5	No. of Qs. in DSRT	1600 Qs.
6	No. of Revision Tests	7 Tests
7	Revision Testing Hrs.	23 Hrs.
8	No. of Qs in Revision Tests	1400 Qs.
9	Total No. of Qs (DSRT+Tests)	3000 Qs.
10	Total Academic Hrs. (Discussion+Testing)	43 Hrs.

Note: This is Tentative Revision Plan. The Detailed Day-wise Structured Revision Planner shall be provided to the Students few Weeks before the Commencement Date.

HOLIDAY PLANNER

S#	Holiday Schedule		No. of Days	Occasion / Reason
	Start Date / Day	End Date / Day		
1	15th August 2023 (Tuesday)	15th August 2023 (Tuesday)	1	Independence Day
2	30th August 2023 (Wednesday)	30th August 2023 (Wednesday)	1	Raksha Bandhan
3	9th November 2023 (Thursday)	18th November 2023 (Saturday)	10	Deepawali
4	26th January 2024 (Friday)	26th January 2024 (Friday)	1	Republic Day
Total Holidays			**13**	

PERIODIC TEST PLANNER

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S. No.	Periodic Test Type & No.	Test Pattern	Periodic Test Date	First Result (Tentative)	Final Result	Result Update on Website	Periodic Test Syllabus & Paper Structure NEET (UG) 3 Hrs 20 Min & 200 Qs (P: 40+10=50 | C: 40+10=50 | ZO: 40+10=50 | BO: 40+10=50)					Total No. of Ques.	Testing Hours
							Physics	Chemistry		Biology			
								Physical/Inorganic	Organic	Zoology			
1	PT-1	NEET (UG)	24-06-23 (Saturday)	29-06-23 (Thursday)	01-07-23 (Saturday)	04-07-23 (Tuesday)	Mathematical Tools & Rectilinear Motion	Mole Concept	IUPAC Nomenclature & Structural Isomerism Upto Nomenclature of Organic Compounds with One Functional Group	Reproduction in Organisms Upto Introduction	Genetics Upto Polygenic Inheritance, Chromosomal Theory of Inheritance	200 Qs	3 Hr. 20 Min
2	CT-1	NEET (UG)	15-07-23 (Saturday)	20-07-23 (Thursday)	22-07-23 (Saturday)	25-07-23 (Tuesday)	Mathematical Tools, Rectilinear Motion, Measurement Error, Projectile Motion, Unit & Dimension	Mole Concept, Redox Reactions	IUPAC Nomenclature & Structural Isomerism	Reproduction in Organisms, Human Reproduction Upto Female Reproductive System	Genetics Upto Transcription Unit of Gene, Transcription in Prokaryotes, Transcription in Eukaryotes	200 Qs	3 Hr. 20 Min
3	PT-2	NEET (UG)	05-08-23 (Saturday)	10-08-23 (Thursday)	12-08-23 (Saturday)	15-08-23 (Tuesday)	Relative motion, Newton's Laws of Motion	Atomic Structure Upto Bohr Atomic Model	Stereoisomers	Human Reproduction	Genetics	200 Qs	3 Hr. 20 Min
4	CT-2	NEET (UG)	26-08-23 (Saturday)	31-08-23 (Thursday)	02-09-23 (Saturday)	05-09-23 (Tuesday)	CT 1+Relative Motion, Newton's Laws of Motion, Friction, Work, Power, Energy, Circular Motion Upto Circular Motion in Vertical Plane Example & Turning on Roads	CT 1 + Redox Reactions, Atomic Structure, Gaseous State	CT 1+Stereoisomers, Electronic Effect (GOC) Upto Acidic Strength of Organic Compounds (Aliphatic Acids, Alcohol, Phenol), (Benzoic Acids & Ortho Effect) & Chemical Reaction of Acid.	CT 1 + Human reproduction, Reproductive health, Human Health and Diseases	Genetics, Reproduction in Flowering Plants	200 Qs	3 Hr. 20 Min
5	PT-3	NEET (UG)	16-09-23 (Saturday)	21-09-23 (Thursday)	23-09-23 (Saturday)	26-09-23 (Tuesday)	Electrostatics, Gravitation	Chemical Equilibrium, Ionic Equilibrium Upto Salt Hydrolysis (WA + SB, SA + WB,WA + WB)	Electronic Effect (GOC), Hydrocarbon, Periodic Table	Origin and Evolution	Ecology Upto Biodiversity & Conservation–Magnitude of Biodiversity in the World & India, Levels of Biodiversity	200 Qs	3 Hr. 20 Min
6	CT-3	NEET (UG)	07-10-23 (Saturday)	12-10-23 (Thursday)	14-10-23 (Saturday)	17-10-23 (Tuesday)	CT 2 + Circular motion, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance upto Charging and Discharging of capacitor	CT 2 + Chemical Equilibrium, Ionic Equilibrium, Solution & Colligative properties upto vant-Hoff factor, Vapour pressure of solutions of solids in liquids	CT 2 + Electronic Effect (GOC), Hydrocarbon, Periodic Table, Chemical Bonding upto Electron deficient bonding & Back bonding	CT 2 + Origin and evolution, Application Biology (Biotechnology), Animal Husbandry	CT 2+Ecology, Biological Classification	200 Qs	3 Hr. 20 Min
7	PT-4	NEET (UG)	28-10-23 (Saturday)	02-11-23 (Thursday)	04-11-23 (Saturday)	07-11-23 (Tuesday)	Capacitance, EMF, Electromagnetic Induction Upto Circuit Problem with Mechanics	Solution & Colligative Properties, Electrochemistry Upto Cell's Lead Storage Batteries & Fuel Cell	Chemical Bonding	Biomolecules, Structural Organisation in Animals	Plant Kingdom	200 Qs	3 Hr. 20 Min
8	CT-4	NEET (UG)	25-11-23 (Saturday)	30-11-23 (Thursday)	02-12-23 (Saturday)	05-12-23 (Tuesday)	CT 3 + Capacitance, EMF, Electromagnetic Induction, Alternating Current, Electromagnetic waves, Modern Physics	CT 3+Solution & Colligative properties, Electrochemistry, Chemical kinetics, Coordination compounds upto Nomenclature of Coordination Compounds, Werner's Theory & EAN Rule	CT 3 + Chemical Bonding, Reaction Mechanism Upto Physical Properties and Preparation of Alcohol & Ether	CT 3 + Biomolecules, Biomolecules, Structural Organisation in Animals, Locomotion and Movement, Digestion and Absorption	CT 3 + Plant Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants Upto Complex Tissue - Phloem and Xylem, Tissue System, Anatomy of Root	200 Qs	3 Hr. 20 Min
9	PT-5	NEET (UG)	16-12-23 (Saturday)	21-12-23 (Thursday)	23-12-23 (Saturday)	26-12-23 (Tuesday)	Nuclear Physics, Solid and Semiconductor, Centre of Mass	Coordination Compounds, Solid State Upto Structure of Ionic Solids	Reaction Mechanism	Breathing and Exchange of Gases, Body Fluids and Circulation	Anatomy of Flowering Plants, Cell: The Unit of Life Upto Endomembraneous System-(Endoplasmic Reticulum)	200 Qs	3 Hr. 20 Min
10	CT-5	NEET (UG)	06-01-24 (Saturday)	11-01-24 (Thursday)	13-01-24 (Saturday)	16-01-24 (Tuesday)	CT 4 + Nuclear Physics, Solid and Semiconductor, Centre of Mass, Rigid Body Dynamics	CT 4+Coordination compounds, Solid State, Thermodynamics & Thermochyemistry Upto Entropy Calculation Third Law of Thermodynamics & DG	CT 4 + Reaction Mechanism, Aromatic Compound, Carbonyl Compound & Carboxylic Acid and Derivatives Upto Nucleophilic Addition Reaction of Carbonyl Compounds (NH3 and its Derivatives, Backmann Rearrangement)	CT 4 + Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Elimination, Chemical Coordination and Integration Upto Pituitary	CT 4 + Anatomy of Flowering Plants, Cell: The Unit of Life, Cell Cycle and Cell Division	200 Qs	3 Hr. 20 Min
11	PT-6	NEET (UG)	27-01-24 (Saturday)	01-02-24 (Thursday)	03-02-24 (Saturday)	06-02-24 (Tuesday)	KTG & Thermodynamics, Calorimetry and Thermal Exapnsion, Simple Harmonic Motion, Wave on a String	Thermodynamics & Thermochyemistry, Surface Chemistry, p-Block (Nitrogen Family)	Carbonyl Compound & Carboxylic Acid and Derivatives, p-block Elements Upto Carbon Family	Chemical Coordination and Integration, Neural Control and Coordination	Transport in Plants, Mineral Nutrition, Photosynthesis in Higher Plants Upto Dark Reaction - C3 Cycle, C4 Cycle	200 Qs	3 Hr. 20 Min
12	CT-6	NEET (UG)	17-02-24 (Saturday)	22-02-24 (Thursday)	24-02-24 (Saturday)	27-02-24 (Tuesday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	200 Qs	3 Hr. 20 Min
Total Periodic Assessment Tests (PATs): 12 | NEET (UG) Pattern: 12 Tests | Testing Time: 40 Hrs. | Qs: 2400											Total Qs & Testing Hrs	2400 Qs	40 Hrs.

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