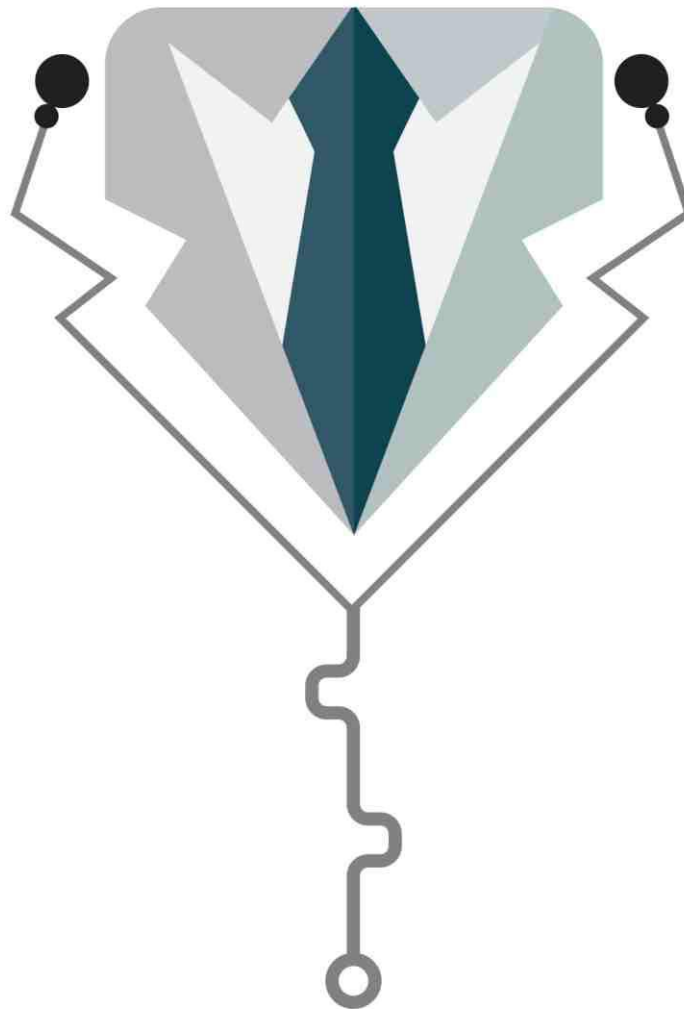


हमारा विश्वास...  
हर एक विद्यार्थी है खास



# PRE-MEDICAL (NEET)



WE HAVE PLANNED YOUR SUCCESS JOURNEY

Session 2021-22

**MOTION™**

# Pre-Medical

(For classes 11<sup>th</sup> to 12<sup>th</sup> Pass)

## NEET

The National Eligibility Cum Entrance Test (NEET) UG is being conducted by the NTA from 2019 onwards. This test was conducted by the Central Board of Secondary Education (CBSE) till 2018. NEET (UG) is applicable for admission to MBBS/BDS courses in India in medical/dental colleges run with the approval of Medical Council of India/Dental Council of India under the Union Ministry of Health and Family Welfare, Government of India except for the institutions established through an Act of Parliament i.e. AIIMS and JIPMER Puducherry.

The responsibility of the NTA is limited to conducting the entrance examination, declaration of result and providing All India Rank to the Directorate General Health Services, Government of India for the conduct of counselling for 15% all India quota seats and for supplying the result to state/other counselling authorities.

**ALL INDIA INSTITUTE  
OF MEDICAL SCIENCES**

**JAWAHARLAL INSTITUTE OF POST -  
GRADUATE MEDICAL EDUCATION & RESEARCH**

It has been proposed by the Union Ministry of Health and Family Welfare that the Admission to MBBS/DENTAL courses in medical colleges across the country including AIIMS and JIPMER will be through the common national entrance test NEET from 2020.

## Selection / Qualified in NEET 2020

Students  
Qualified **2663 / 2843 = 93.66%**



*Motion helped a lot in my journey in terms of motivating, helping, supporting and teaching. Regular classes by expert and experienced faculties helped a lot in strengthening my concepts*

**AIR-21**

Kartikey Agarwal

*Being in Motion helped to develop thinking and logical skills. Interacting with peers also helped me to view problems from different perspective.*

Ronit Singh

**AIR-51**



# PRE-MEDICAL

## Class X to XI Moving Students

### Course : GENE

Physics			Chemistry			Biology			
Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.
BM	6	Heat-1	10	IUPAC	9	Digestion & Absorption	9	Cell: Unit of life	9
Units & Dimensions	4	Heat-2	12	Atomic Structure	15	Respiratory System	6	Cell Cycle & Division	5
Vector	6	SHM	8	Periodic Table	12	Circulatory System (including Blood & Lymph)	8	Transport. in Plants	6
Kinematics	14	Waves	6	Chemical Bonding	18	Excretory System	6	Mineral Nutrition	4
NLM	8	Sound Waves	6	Mole	12	Skeletal System	6	Photosynthesis	8
Friction	8	Fluid	8	Gaseous State	12	Nervous System	11	Respiration in Plants	7
Circular Motion	8	TE + Elasticity	3	Chemical Eq.	10	Endocrine System	7	Plant Growth & Develop.	9
WPE	10	Gravitation	6	Ionic Eq.	12	Plant Morphology	10	The Living World	3
COM	10	–	–	Redox	12	Plant Anatomy	10	Biological Classification	9
Rotational Dynamics	14	–	–	GOC	12	Animal Tissue + Lower Animal	9	Plant Kingdom	7
–	–	–	–	Hydrocarbon	12	Biomolecule	9	Animal Kingdom	18
–	–	–	–	S Block	3	–	–	–	–
–	–	–	–	P Block (Boron & Carbon Family)	6	–	–	–	–

Note- Number of lectures are tentative which varies from Phase to Phase.

# PRE-MEDICAL

## Class XI to XII Moving Students

### Course : DNA

Physics				Chemistry				Biology			
Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.
Geo Optics	16	Fluids + ST Viscosity	10	Chemical Kinetics	14	IUPAC	10	Repro. In Org.	3	Human Repro.	10
Wave Optics	8	Kinematics	8	Chemical Equilibrium	8	Isomerism	10	S.R. in FP	8	Repro. Health	3
Electrostatics - I	8	NLM	4	Atomic Structure (Schrodinger Eq.)	3	GOC I	14	Principles of I&V	10	Evolution	9
Electrostatics - II	6	Friction	4	Chemical Bonding	12	GOC II (O R M)	18	Mol. Basis of Inh.	10	HH & Disease	10
Current Electricity	10	Circular	4	Thermodynamics	9	Hydrocarbon	8	Biotech-I	6	Stra. for Enh. in FP (Plant Breeding)	5
Electrical Instruments	3	Gravitation	4	Thermochemistry	9	Alkyl Halide Aryl Halide	4	Biotech-II	3	Digestion & Absorption	5
Magnetism & Matter	16	WPE	4	Liquid Solution	12	Alcohol Phenol Ether	4	Org & Popul.	6	Respiratory Sys.	4
Capacitor	8	Center of Mass	5	Solid State	10	Carbonyl Compd	3	Ecosystem	4	Circulatory Sys. (Including Blood Lymph)	7
EMI	8	Rotational Dynamics	8	Ionic Equilibrium	10	Carboxylic Acid & Derivative	2	Biodiversity & Cons.	4	Excretory Sys.	6
AC	3	SHM	4	Electrochemistry	12	NCC	4	Env. Issues	5	Skeletal Sys.	5
Modern Physics	12	Waves + S waves	6	Surface Chemistry	7	Bimolecule	3	Stra. for Enh. in FP (Animal Husbandry)	3	Nervous Sys.	9
EM Waves	2	Semi Conductor & Comm.	8	Gaseous State (Real Gas)	4	Polymer	2	Microbes in Human Welfare	3	Animal Tissue + Lower Animal	7
Heat-1	5	T.E. + Elasticity	3	Coordination	12	Metallurgy	5	Cell: Unit of life	6	Plant Diversity	5
Heat-2	5	Error	3	–	–	Block Chemistry	18	Cell Cycle & Cell Division	4	Plant Physiology	15
–	–	–	–	–	–	–	–	Plant Morphology	6	Endoc.Sys.	5
–	–	–	–	–	–	–	–	Plant Anatomy	6	Biomolecules	6
–	–	–	–	–	–	–	–	–	–	An.Kingdom	12

Note- Number of lectures are tentative which varies from Phase to Phase.



# PRE-MEDICAL

## Class XII to XIII Moving Students

### Course : GENOME

Physics				Chemistry				Biology			
Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.	Topics	No. of Lec.
UGD	3	Vector	4	Basic Chemistry	3	IUPAC	10	Basic of Cell	3	Cell : Unit of life	6
Heat-1 + Heat Transfer	8	T.E. + Elasticity	4	Periodic Properties	8	Isomerism	10	Digestion & Absorption	7	Cell Cycle & Cell Division	5
Heat-2 + KTG	8	NLM	6	Liquid Solutions	12	GOC I	14	Respiratory System	5	Repro. In Organisms	3
Geo Optics	12	Friction	6	Solid State	10	GOC II (O R M)	18	Circulatory System (including Blood lymph)	8	S.R. in Flowering plants	7
Wave Optics	7	WPE	8	Mole	7	Hydrocarbon	8	Human Repro.	10	Plant Morphology	8
Kinematics	12	COM	10	Chemical Bonding	18	Alkyl Halide Aryl Halide	4	Repro. Health	3	Plant Anatomy	6
Circular	6	SHM	5	Redox	5	Alcohol Phenol Ether	4	Excretory System	6	Principles of Inher.& Variations	9
Rotational Dy.	14	Waves + S waves	10	Equivalent Concept	5	Carbonyl Compd	3	Skeleton System	5	Mole.Basis of Inher.	9
Electrostatics-I	8	Error	3	Thermodynamics	9	Carboxylic Acid & Derivative	2	Nervous System	8	Biotechnology I & II	9
Electrostatics-II	8	Fluid + ST&Viscosity	10	Thermochemistry	4	NCC	4	Endocrine System	5	Transportation in Plants	6
Current Electricity	10	Gravitation	5	Coordination	12	Bimolecule	3	Biomolecules	9	Mineral Nutrition	3
Electrical Instrument	3	Modern Physics	14	Metallurgy	5	Polymer	2	Animal Kingdom	15	Photosynthesis	8
Capacitor	8	Semi Conductor Comm.	8	Block Chemistry	17	Chemical Eqm.	9	Evolution	9	Respiration in Plants	6
Magnetism	16	EM Waves	2	Hydrogen & its Compd.	2	Ionic Eqm.	11	H. H. & Disease	8	Plant Growth & Develop.	6
AC	5	EMI	8	CKT	12	Electrochemistry	11	Stra.for Enh.in FP	6	Organisms & Population	5
-	-	-	-	Gaseous State (Real Gas)	4	Surface Chemistry	5	Animal Tissue & Lower Animal	8	Ecosystem	4
-	-	-	-	-	-	Atomic Structure (Schrodinger+Quantam)	5	Microbes in H. W.	3	Biodiversity & Conservation	3
-	-	-	-	-	-	-	-	The Living World	3	Environmental Issues	4
-	-	-	-	-	-	-	-	Biological Classification	9	Plant Kingdom	6

Note- Number of lectures are tentative which varies from Phase to Phase.

# Test Planning for NEET

For X to XI Moving Students					
Phase-1	Phase-2	Phase-3	Phase-4	Phase-5	Phase-6
09/06/2021	16/06/2021	23/06/2021	14/07/2021	21/07/2021	28/07/2021
11/07 (N)	11/07 (N)				
25/07 (N)	25/07 (N)	25/07 (N)			
08/08 (N)	08/08 (N)	08/08 (N)	08/08 (N)		
29/08 (N)	29/08 (N)	29/08 (N)	29/08 (N)	29/08 (N)	29/08 (N)
12/09 (B)	12/09 (B)	12/09 (B)	12/09 (B)	12/09 (B)	12/09 (B)
26/09 (N)	26/09 (N)	26/09 (N)	26/09 (N)	26/09 (N)	26/09 (N)
10/10 (N)	10/10 (N)	10/10 (N)	10/10 (N)	10/10 (N)	10/10 (N)
24/10 (N)	24/10 (N)	24/10 (N)	24/10 (N)	24/10 (N)	24/10 (N)
14/11 (N)	14/11 (N)	14/11 (N)	14/11 (N)	14/11 (N)	14/11 (N)
28/11 (B)	28/11 (B)	28/11 (B)	28/11 (B)	28/11 (B)	28/11 (B)
12/12 (N)	12/12 (N)	12/12 (N)	12/12 (N)	12/12 (N)	12/12 (N)
26/12 (N)	26/12 (N)	26/12 (N)	26/12 (N)	26/12 (N)	26/12 (N)

For XI to XII Moving Students					
Phase-1	Phase-2	Phase-3	Phase-4	Phase-5	
20/01/2021	24/03/2021	07/04/2021	28/04/2021	05/05/2021	
28/02 (N)					
18/04 (N)					
02/05 (N)	02/05 (N)	02/05 (N)			
16/05 (N)	16/05 (N)	16/05 (N)			
30/05 (B)	30/05 (B)	30/05 (B)			
13/06 (N)	13/06 (N)	13/06 (N)	30/05 (N)	30/05 (N)	
27/06 (N)	27/06 (N)	27/06 (N)	27/06 (N)	27/06 (N)	
11/07 (N)	11/07 (N)	11/07 (N)	11/07 (N)	11/07 (N)	
25/07 (B)	25/07 (B)	25/07 (B)	25/07 (B)	25/07 (B)	
08/08 (N)	08/08 (N)	08/08 (N)	08/08 (N)	08/08 (N)	
29/08 (N)	29/08 (N)	29/08 (N)	29/08 (N)	29/08 (N)	
12/09 (N)	12/09 (N)	12/09 (N)	12/09 (N)	12/09 (N)	
26/09 (B)	26/09 (B)	26/09 (B)	26/09 (B)	26/09 (B)	
10/10 (N)	10/10 (N)	10/10 (N)	10/10 (N)	10/10 (N)	
24/10 (N)	24/10 (N)	24/10 (N)	24/10 (N)	24/10 (N)	
14/11 (N)	14/11 (N)	14/11 (N)	14/11 (N)	14/11 (N)	
28/11 (B)	28/11 (B)	28/11 (B)	28/11 (B)	28/11 (B)	
12/12 (N)	12/12 (N)	12/12 (N)	12/12 (N)	12/12 (N)	
26/12 (N)	26/12 (N)	26/12 (N)	26/12 (N)	26/12 (N)	

For XII to XIII Moving Students					
Phase-1	Phase-2	Phase-3	Phase-4	Phase-5	Phase-6
16/06/2021	11/08/2021	25/08/2021	01/09/2021	15/09/2021	29/09/2021
18/07 (N)					
01/08 (N)					
22/08 (N)					
05/09 (N)	05/09 (N)				
19/09 (N)	19/09 (N)	19/09 (N)			
03/10 (N)	03/10 (N)	03/10 (N)	03/10 (N)		
17/10 (N)	17/10 (N)	17/10 (N)	17/10 (N)	17/10 (N)	
31/10 (N)	31/10 (N)	31/10 (N)	31/10 (N)	31/10 (N)	31/10 (N)
21/11 (N)	21/11 (N)	21/11 (N)	21/11 (N)	21/11 (N)	21/11 (N)
05/12 (N)	05/12 (N)	05/12 (N)	05/12 (N)	05/12 (N)	05/12 (N)
19/12 (N)	19/12 (N)	19/12 (N)	19/12 (N)	19/12 (N)	19/12 (N)
02/01 (N)	02/01 (N)	02/01 (N)	02/01 (N)	02/01 (N)	02/01 (N)
16/01 (N)	16/01 (N)	16/01 (N)	16/01 (N)	16/01 (N)	16/01 (N)
30/01 (N)	30/01 (N)	30/01 (N)	30/01 (N)	30/01 (N)	30/01 (N)
13/02 (N)	13/02 (N)	13/02 (N)	13/02 (N)	13/02 (N)	13/02 (N)
27/02 (N)	27/02 (N)	27/02 (N)	27/02 (N)	27/02 (N)	27/02 (N)
13/03 (N)	13/03 (N)	13/03 (N)	13/03 (N)	13/03 (N)	13/03 (N)
27/03 (N)	27/03 (N)	27/03 (N)	27/03 (N)	27/03 (N)	27/03 (N)

\* (N) Stands for NEET Pattern | (B) Stands for Board Pattern

The syllabus for the tests will consist of the topics covered from the starting date of the phase to three days prior to the Test