

# STRATEGY TO CRACK NEET

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# ABOUT ME

- Myself Kalpesh gadhvi
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- You can follow me on unacademy learning app for more courses .



- For cracking NEET you need to have a good study strategy and an evaluation plan in place.

# GATHER RELEVANT INFORMATION

- To prepare for NEET, you must make a note of all the necessary exam details like the **exam pattern, curriculum, topic-wise distribution of marks and time duration.**
- This will help you get an idea of the important concepts so you can prepare for NEET accordingly.
- Read all relevant information to prepare for NEET

# BOOKS TO REFER

- The most important books for the preparation are NCERT Textbooks for all three subjects i.e. Physics, Chemistry and Biology.
- The NCERT textbooks are nothing short of a gold standard when it comes to NEET Preparation.
- Study all the concepts thoroughly from these books first and lay a strong foundation.
- Use additional books for reference and for numerical practice and revision for NEET

SUBJECT	THEORY BOOKS	OBJECTIVE BOOKS
<b>Physics</b>	Concepts of Physics by H.C.Verma	Physics for Medical Entrance Examination by D.C.Pandey
	Concepts of Physics CBSE PMT by Anil Aggarwal	Objective Physics by MTG Publications
	Fundamentals of Physics by Halliday and Resnick.	

<b>Chemistry</b>	Physical Chemistry for Medical Entrance by O.P Tandon	Objective Chemistry (Volume I and II) by Arihant publications
	Organic Chemistry by Himanshu Pandey	Objective Chemistry by Dinesh
	Concise Inorganic Chemistry by J.D.Lee	Objective Chemistry by R.K.Gupta
<b>Biology</b>	Companion Biology by K. Bhatti	Trueman's Objective Biology
	Trueman's Elementary Biology	Objective Biology by Dinesh
		AIIMS Explorer by MTG publication

# BOOKS TO REFER

# DEVISE A STUDY PLAN

- The basic rule to crack any exam is to understand your weaknesses and turn them into strengths.
- So is the case with NEET .
- Many of you may have just taken to the concept of studying in an organised fashion (including some self-study) in the 11th standard.
- You must make notes of important formulae and equations while studying.
- Once through with a chapter or concept, attempt the sample questions based on it. This is the best way to gauge if you have learnt the concept well or if there some scope for improvement.

- Make a timetable and stick to it.
- Self-Study for at least 4 hours a day initially and gradually progress as the exam draws nearer.
- Divide your study slots in such a way that you don't spend more than 3 hours continuously at the same topic.
- A minimum of 7 hours of sound sleep is essential to keep your mind fresh and alert.
- Also, take some time out for hobbies and recreational activities.

DECIDE WHICH TOPICS  
ARE IMPORTANT AND  
DEVOTE MORE TIME  
TO THEM

# HERE IS SOMETHING INTERESTING

“What is the % Weightage of NEET topics,” is the hottest question being asked by the medical aspirants.

My analysis based on NEET 2017.

Environmental Issues	1	4	2.00%
Population Growth Model	1	4	2.00%
Stratification	1	4	2.00%
<b>Genetics</b>	<b>5</b>	<b>20</b>	<b>10.00%</b>
Blood Grouping	1	4	2.00%
Genetic Disorders	2	8	4.00%
Mendel's Biography	1	4	2.00%
Mendel's Selected Characters	1	4	2.00%
<b>Living World</b>	<b>1</b>	<b>4</b>	<b>2.00%</b>
Taxonomics Aids	1	4	2.00%

<b>Molecular Basis of Inheritance</b>	<b>6</b>	<b>24</b>	<b>12.00%</b>
DNA Packing	1	4	2.00%
DNA Replication	2	8	4.00%
Genetic Code	1	4	2.00%
Genetic Material	1	4	2.00%
RNA Processing	1	4	2.00%
<b>Morphology</b>	<b>1</b>	<b>4</b>	<b>2.00%</b>
Root Modifiation	1	4	2.00%

Unit and Topic	Number of Question	Total Marks	Weightage Percentage
<b>Biological Classification</b>	<b>3</b>	<b>12</b>	<b>6.00%</b>
Kingdom Monera	2	8	4.00%
Virus	1	4	2.00%
<b>Cell Biology</b>	<b>4</b>	<b>16</b>	<b>8.00%</b>
Cell Division	2	8	4.00%
Mitochondria	1	4	2.00%
Prokaryotic Cell	1	4	2.00%
<b>Ecology</b>	<b>6</b>	<b>24</b>	<b>12.00%</b>
Biodiversity	1	4	2.00%
Biosphere Reverse	1	4	2.00%
Ecosystem	1	4	2.00%

# BIOLOGY

<b>Morphology of flowering plants</b>	<b>1</b>	<b>4</b>	<b>2.00%</b>
Fruit	1	4	2.00%
<b>Plant Anatomy</b>	<b>3</b>	<b>12</b>	<b>6.00%</b>
Secondary Growth	2	8	4.00%
Wood	1	4	2.00%
<b>Plant Kingdom</b>	<b>6</b>	<b>24</b>	<b>12.00%</b>
Algae	2	8	4.00%
Angiosperms	1	4	2.00%
Gymnosperms	1	4	2.00%
Life Cycles	1	4	2.00%
Mycorrhizae	1	4	2.00%

<b>Plant Morphology</b>	<b>2</b>	<b>8</b>	<b>4.00%</b>
Root	1	4	2.00%
Stem Modification	1	4	2.00%
Cellular Respiration	1	4	2.00%
Mineral Nutrition-Biological Nitrogen Fixation	1	4	2.00%
Photosynthesis	2	8	4.00%
Plant Growth and Development	1	4	2.00%
Water Transport	1	4	2.00%
Water Transport-Water	1	4	2.00%

<b>Reproduction in Flowering Plant</b>	<b>5</b>	<b>20</b>	<b>10.00%</b>
Embryo Sac	1	4	2.00%
Endosperm	1	4	2.00%
Pollination	3	12	6.00%

<b>Unit and Topic</b>	<b>Number of Questions</b>	<b>Total Marks</b>	<b>Weightage Percentage</b>
<b>Animal Kingdom</b>	<b>3</b>	<b>12</b>	<b>7.50%</b>
Chordates and Hemichordates	1	4	2.50%
Mammals	1	4	2.50%
Porifera	1	4	2.50%
<b>Animal Morphology</b>	<b>1</b>	<b>4</b>	<b>2.50%</b>
Frog	1	4	2.50%

<b>Animal Physiology</b>	<b>1</b>	<b>4</b>	<b>2.50%</b>
Frog Reproductive System	1	4	2.50%
<b>Biomolecules</b>	<b>4</b>	<b>16</b>	<b>10.00%</b>
DNA	1	4	2.50%
Enzymes	1	4	2.50%
Lipids	1	4	2.50%
RNA processing	1	4	2.50%
<b>Biotechnology</b>	<b>3</b>	<b>12</b>	<b>7.50%</b>
Artificial Vector	1	4	5.00%

<b>Evolution</b>	<b>1</b>	<b>4</b>	<b>2.50%</b>
Horse Evolution	1	4	2.50%
<b>Human Health and Disease</b>	<b>3</b>	<b>12</b>	<b>7.50%</b>
Immune System	2	8	5.00%
Infectious Disease	1	4	2.50%

<b>Human Physiology</b>	<b>16</b>	<b>64</b>	<b>40.00%</b>
Circulatory System	1	4	2.50%
Digestive System	3	12	7.50%
Endocrine System	4	16	10.00%
Excretory System	2	8	5.00%
Nervous System	2	8	5.00%
Respiratory System	1	4	2.50%
Sense Organs	1	4	2.50%
Skeleton System	2	8	5.00%

<b>Human Reproduction</b>	<b>1</b>	<b>4</b>	<b>2.50%</b>
Male Reproductive System	1	4	2.50%
<b>Microbes in Human Welfare</b>	<b>3</b>	<b>12</b>	<b>7.50%</b>
Bioprocessing	1	4	2.50%
Industrial Products	1	4	2.50%
Sewage Treatment	1	4	2.50%
<b>Reproductive Health</b>	<b>2</b>	<b>8</b>	<b>5.00%</b>
Artificial Fertilisation	1	4	2.50%
Contraceptives Method	1	4	2.50%

<b>Strategies for Enhancement of Food Production</b>	<b>2</b>	<b>8</b>	<b>5.00%</b>
Animal Husbandry	1	4	2.50%
Artificial Selection	1	4	2.50%

Unit and Topic	Number of Questions	Total Marks	Weightage Percentage
<b>Electrodynamics</b>	<b>10</b>	<b>40</b>	<b>22.22%</b>
Capacitance	1	4	2.22%
Current Electricity	2	8	4.44%
Electro Magnetic Field	3	12	6.67%
Electro Magnetic Induction	2	8	4.44%
Electrostatics	2	8	4.44%

Rigid Body Dynamics	3	12	6.67%
Unit & Dimension	1	4	2.22%
Work, Power & Energy	1	4	2.22%
Modern Physics	8	32	17.78%
Electromagnetic waves & communication	1	4	2.22%
<b>Modern Physics</b>	<b>3</b>	<b>12</b>	<b>6.67%</b>
Nuclear Physics	1	4	2.22%
Semiconductors	3	12	6.67%
<b>Optics</b>	<b>5</b>	<b>20</b>	<b>11.11%</b>
Geometrical Optics & Physical Optics	2	8	4.44%

<b>Heat &amp; Thermodynamics</b>	<b>5</b>	<b>20</b>	<b>11.11%</b>
Heat Transfer	2	8	4.44%
KTG & Thermodynamics	3	12	6.67%
<b>Mechanics</b>	<b>13</b>	<b>52</b>	<b>28.89%</b>
Circular Motion	1	4	2.22%
Elasticity & Viscosity	1	4	2.22%
Fluid Mechanics & Properties of Matter	1	4	2.22%
Gravitation	2	8	4.44%
Newton's Laws of Motion	1	4	2.22%
Rectilinear Motion & Vectors	1	4	2.22%
Relative Motion	1	4	2.22%

# PHYSICS

Wave optics	3	12	6.67%
<b>SHM &amp; Waves</b>	<b>4</b>	<b>16</b>	<b>8.89%</b>
SHM	2	8	4.44%
Sound Waves	2	8	4.44%

Qualitative Analysis	1	4	2.22%
<b>Organic Chemistry-I</b>	<b>3</b>	<b>12</b>	<b>6.67%</b>
General Organic Chemistry-II	3	12	6.67%
<b>Organic Chemistry-II</b>	<b>13</b>	<b>52</b>	<b>28.89%</b>
Alkyl Halide, Alcohol & Ether (Reaction Mechanism)	2	8	4.44%
Aromatic Compounds	1	4	2.22%
Biomolecules	1	4	2.22%
Carbonyl Compounds	4	16	8.89%
Chemistry in Every Life	1	4	2.22%
Environmental Chemistry	1	4	2.22%

IUPAC & Isomerism	2	8	4.44%
Practical Organic Chemistry	1	4	2.22%
<b>Physical Chemistry-I</b>	<b>7</b>	<b>28</b>	<b>15.56%</b>
Atomic Structure & Nuclear Chemistry	1	4	2.22%
Chemical Equilibrium	2	8	4.44%
Ionic Equilibrium	1	4	2.22%
Mole Concept	1	4	2.22%
Thermodynamics and Thermochemistry	2	8	4.44%
<b>Physical Chemistry-II</b>	<b>6</b>	<b>24</b>	<b>13.33%</b>
Chemical Kinetics	2	8	4.44%

Unit and Topic	Number of Questions	Total Marks	Weightage Percentage
<b>Inorganic Chemistry-I</b>	<b>8</b>	<b>32</b>	<b>17.78%</b>
Chemical Bonding	5	20	11.11%
P-block	1	4	2.22%
Periodic Table & Periodicity in Properties	1	4	2.22%
s-block	1	4	2.22%
<b>Inorganic Chemistry-II</b>	<b>8</b>	<b>32</b>	<b>17.78%</b>
Coordination Compounds	4	16	8.89%
d-block & f-block Elements	2	8	4.44%
Metallurgy	1	4	2.22%

# CHEMISTRY

Electrochemistry	1	4	2.22%
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Solid State	1	4	2.22%
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Solution & Colligative Properties	1	4	2.22%
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Surface Chemistry	1	4	2.22%
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Subject	Class XI		Class XII	
	Number of questions	Total marks	Number of questions	Total marks
Physics	19	76	26	104
Chemistry	16	64	29	116
Botany	28	112	22	88
Zoology	25	100	15	60
Total	88	352	92	368

MARKS DISTRIBUTION  
BETWEEN CLASS 11 & 12

SO, IT CAN BE CONCLUDED THAT THE MARKS DISTRIBUTION IS EQUAL BETWEEN THE TWO CLASSES. THEREFORE, IT IS VERY IMPORTANT TO STUDY CHAPTERS THAT ARE TAUGHT IN CLASS 11 AS WELL AS CLASS 12 PROPERLY.

Here's the minimum percentile that needs to be obtained for qualify NEET 2018.

<b>CATEGORY</b>	<b>CUT OFF PERCENTILE</b>
Others	50th Percentile
OBC	40th Percentile
SC	40th Percentile
ST	40th Percentile
UR & PH	45th Percentile
OBC & PH	40th Percentile
SC & PH	40th Percentile
ST & PH	40th Percentile

# SOLVE PREVIOUS YEAR QUESTION PAPERS

- When it comes to competitive level exams like NEET, along with studying theory and ample practice of MCQs, solving previous years papers is imperative for all-round preparation.
- There are few questions that are repeated from the previous years papers each time and solving these papers will be a surefire way of locking these questions.
- Also, the ample amount of practice that one gets from paper solving ultimately sharpens the exam giving skills and boosts the confidence of the candidate.