

CHEMISTRY PREPARATION  
TIPS WITH SYLLABUS  
&  
REFERENCE BOOKS FOR  
NEET EXAM



EXAMS  
PLANNER

# INTRODUCTION

NEET is the stepping stone to get to India's top Medical Institutes for a lot of aspiring candidates. More than 4 lakh candidates appear for the NEET exam every year which makes it even tougher to crack. To get admission to your desired college, you need to prepare hard for the exam. And, for that, you need to be well familiar with pattern and syllabus of the examination.

Questions in [NEET Exam](#) comes related to Physics, Chemistry, Botany, and Zoology where each subject has 45 questions. The duration of the exam is 180 minutes (3 hours). This means a candidate gets 180 minutes for 180 questions. So, time pressure is always there. And, in addition to that most of the candidates feel the pressure of Chemistry subject as well. In order to help ease the time and [Chemistry](#) pressure of candidates, we have provided a detailed guide on how to prepare for Chemistry and boost your problem-solving speed.

# CHEMISTRY PREPARATION TIPS FOR NEET EXAM

Chemistry is classified into three - Physical, Organic and Inorganic Chemistry. Considering the previous years' NEET Exam papers, the section weightage is as follow :

- **Physical Chemistry:** 36% weightage
- **Organic Chemistry:** 28% weightage
- **Inorganic Chemistry:** 36% weightage

Now, let us know the preparation tips for Chemistry NEET Exam.

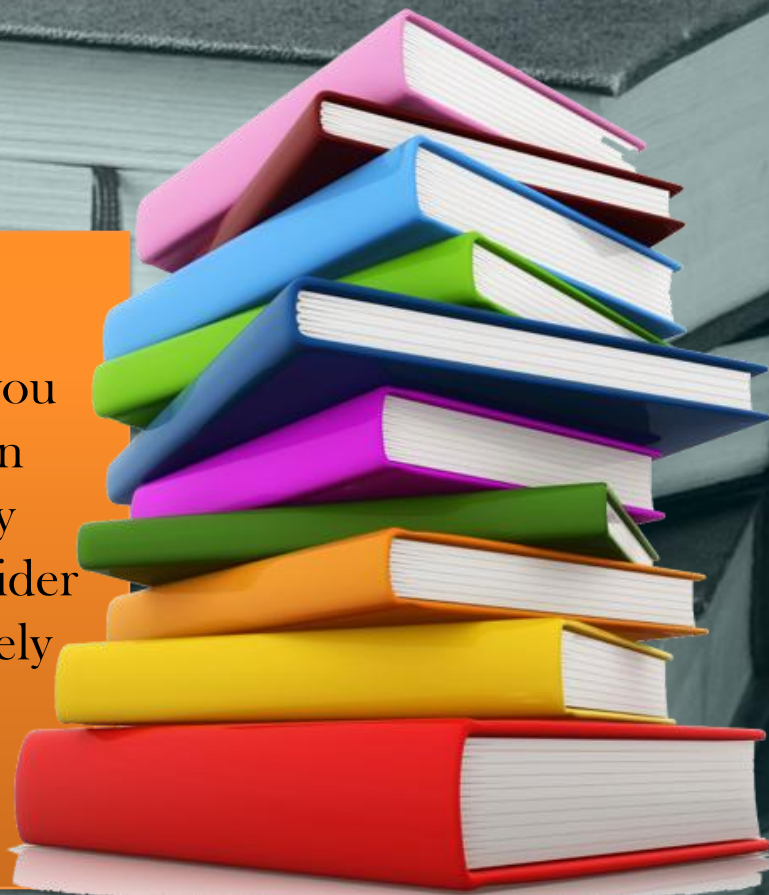
# 1.) FORMULATE A STRATEGY

Planning is the first step in the preparation of Chemistry NEET Exam. Formulate a weekly study plan and keep a target of a fixed number of chapters every week. Try to complete the topics as per the schedule. You may fail to follow the plan in initial weeks but remember persistence is the key. So, don't give up, and keep on following the study plan as scheduled. In a few weeks, you'll get used to the plan.



## 2.) NCERT IS YOUR HOLY BOOK

If you ask any NEET qualifier for the Chemistry reference books, most of them are going to suggest you start with NCERT books. This is because concepts in NCERT textbooks are explained in detail and clearly along with correct and precise information. So, consider NCERT as your holy book and study them completely before referring to any other Chemistry books.



### 3.) MAKE THE MOST OF THE TECHNOLOGY

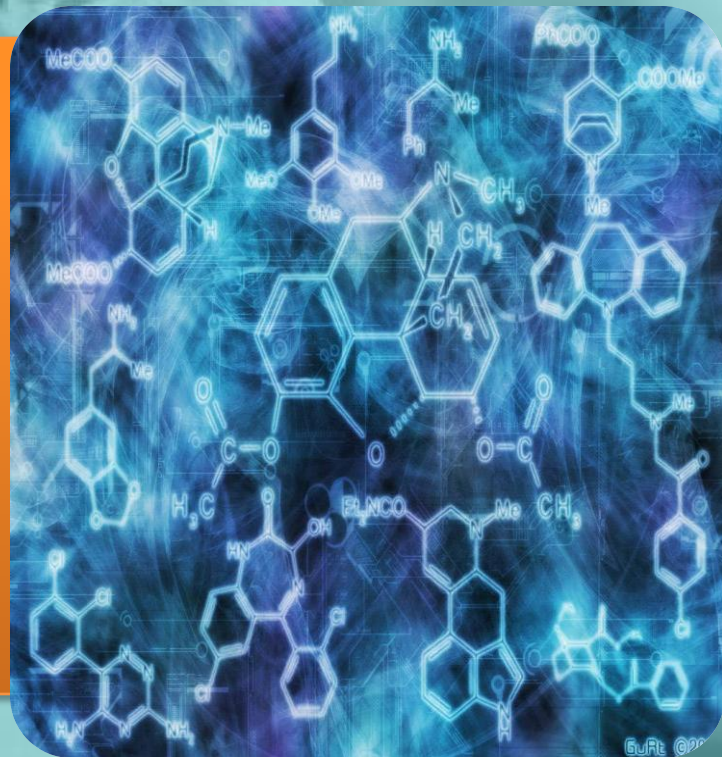
Nowadays, there are many online tools that are available for free be it related to news, sports, world, or even competitive exams like NEET. You can easily find online tutorials for Chemistry [NEET Exam](#) in varied ways such as blogs, social media, video, mobile applications etc. Consider using them to enhance your preparation and make it more interesting.





## 5.) PREPARATION FOR PHYSICAL CHEMISTRY

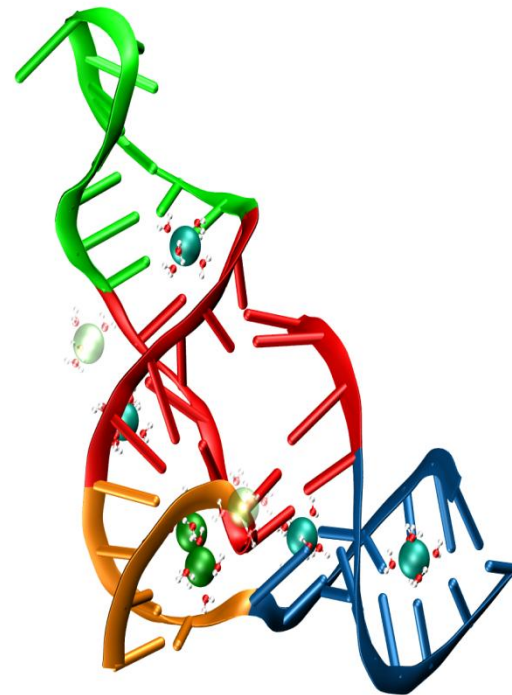
Physical Chemistry is a mix of both Numerical and Theoretical concepts. So, you will have to both understand the concepts and do a bit of cramming to excel in this section. But, remember to refer to NCERT books before moving to other reference books.





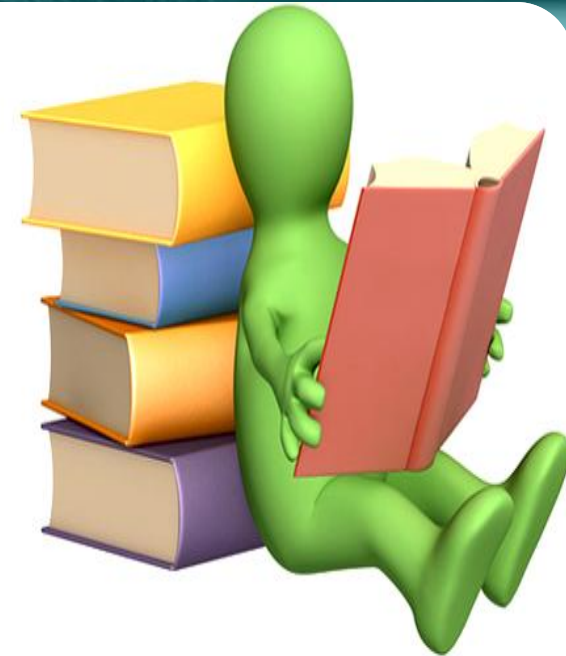
## 6.) PREPARATION FOR ORGANIC CHEMISTRY

As Organic Chemistry is mainly concept based, you will need to have a clear understanding of concepts before solving the questions. If you face trouble understanding any concept, you can always take help from seniors and teachers.



## 7.) PRACTICE SAMPLE PAPERS AND PREVIOUS YEARS PAPERS

As you get 180 minutes for 180 questions in [NEET Exam](#), it is a must to boost your speed. And, to do that there is no better way than solving sample papers and previous years questions papers. Take as many mock tests as much you can. You can also enroll yourself for online mock test series if you want. This will not only help in boosting your speed but also help in revising your syllabus.



## 8.) BE REGULAR, POSITIVE AND HEALTHY

Make sure that you are consistent with your timetable and do a regular revision to keep all the concepts and topics refreshed in your mind. Also, keep a positive approach and have confidence in your preparation. Follow a balanced diet and avoid junk foods to keep yourself healthy. You cannot afford to get ill during your preparation as it will not only affect your preparation time but affect your confidence.



# SYLLABUS FOR CHEMISTRY NEET EXAM

## Chemistry syllabus of class 11<sup>th</sup>

- Some Basic Concepts of Chemistry
- Structure of Atom
- Classification of Elements and Periodicity in Properties
- Chemical Bonding and Molecular Structure
- States of Matter: Gases and Liquids
- Thermodynamics
- Equilibrium
- Redox Reactions
- Hydrogen
- S-Block Element (Alkali and Alkaline earth metals)
- Some p-Block Elements
- Organic Chemistry- Some Basic Principles and Techniques
- Hydrocarbons
- Environmental Chemistry

# SYLLABUS FOR CHEMISTRY NEET EXAM

## Chemistry syllabus of class 12th

- Solid State
- Solutions
- Electrochemistry
- Chemical Kinetics
- Surface Chemistry
- General Principles and Processes of Isolation of Elements
- p- Block Elements
- d and f Block Elements
- Coordination Compounds
- Haloalkanes and Haloarenes
- Alcohols, Phenols, and Ethers
- Aldehydes, Ketones and Carboxylic Acids
- Organic Compounds Containing Nitrogen
- Biomolecules
- Polymers
- Chemistry in Everyday Life

# REFERENCE BOOKS FOR CHEMISTRY NEET EXAM

- **NCERT Chemistry**
- **Organic Chemistry by Morrison and Boyd for Organic Chemistry**
- **Modern's ABC of Chemistry for class 11th and 12th**
- **Concise Inorganic Chemistry by J. D. Lee for Inorganic Chemistry**
- **Physical Chemistry by OP Tandon (G. R. Bathla Publications)**
- **Objective Chemistry (Set of 3 Vols) (S. Dinesh & Co.)**
- **Organic Chemistry by Himanshu Pandey (GRB Publication)**

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Thank  
you!!