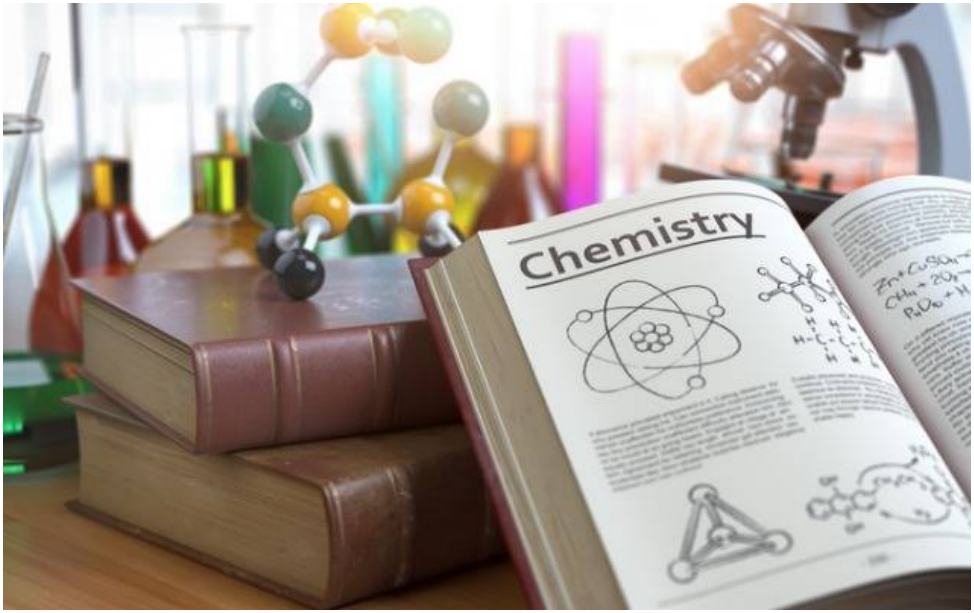
# How to Study Chemistry for NEET 2026? - Check Important Topics & Books

**Sreetama Datta Roy**
Manager Content

Updated on Jan 21, 2026 16:16 IST

NEET Chemistry section is ignored by most medical aspirants. They either study too much Physics or too much Biology. This article on How to study Chemistry for NEET will not only help candidates prepare better for this section but will also help them understand its importance.

*The NEET Chemistry section is ignored by most of the medical aspirants. They either study too much Physics or too much Biology. This article on **How to study Chemistry for NEET 2026** not only helps candidates prepare better for this section but also helps them understand its importance.*




How to Prepare for NEET Chemistry Section

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

**How to Study Chemistry for NEET 2026?** NEET Chemistry preparation is often given little importance by students as the difficulty level of the exam is moderate and the weightage of the questions is lower as compared to that of the Biology section. This often leads to panic just before the examination and a low score in the Chemistry section of NEET. Students who want to appear in NEET exam and want to learn about chemistry section in details must read this article. Experts and toppers advise students to give equal importance to all subjects of NEET, including Chemistry.

NEET exam syllabus for 2026 is same. The exam conducting authorities have not released the official NEET exam dates. But as per trends the exam might be held in the first week of May next year. According to the new pattern, there will be 180 mandatory questions, the optional questions have been removed. All these questions should be answered in three hours or 180 minutes.

**Also Read:**

- NEET UG 2026 Syllabus Released @nmc.org.in; Download PDF Here
- NEET 2026 Exam Pattern Changed; Optional Questions Removed, Duration Reduced

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

The foremost thing that one should keep in mind here is that the NEET Chemistry section has a weightage of 25 per cent in the examination. Not devoting enough time to this section may cost you marks and may keep you from taking admission into the NEET aspirants' dream college.

This article on how to study Chemistry for NEET 2026 is a compilation of all the expert tips and tricks that we found useful. Reading these tips on how to read Chemistry for NEET will help you prepare for the examination in an organised manner. This article will also discuss key aspects of how to study Organic Chemistry, Inorganic Chemistry and Physical Chemistry for NEET UG 2026.

Out of 180 questions in NEET, 45 will be on Chemistry. Candidates with a decent hold on the subject can easily score 100 to 120 marks in NEET. However, scoring above this in NEET Chemistry is tricky. To score above this threshold, one needs to have widespread knowledge of the subject. Read on to know **how to study Chemistry for NEET 2026**.

The following table shows the structure of the Chemistry section in NEET to plan the Chemistry tricks for NEET.

## Table of contents



View More


**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

# NEET 2026 Chemistry Pattern

The table below carries the structure of the Chemistry section that you can expect in the NEET question paper.

| Chemistry | Number of Questions | Markings |
|---|---|---|
| Chemistry Section | 45 | 180 |

# Deriving A Pattern From The Previous Years' Question Papers

Unlike Physics and Biology, it is difficult to draw a pattern from the questions that are being asked in the Chemistry section of NEET. Variations in the pattern of chemistry are greater than in the other two subjects. However, it has been observed that most of the questions are theory-based and can be solved by those who have read the NCERT books thoroughly. A rough break-up of the questions in the chemistry sections is as follows:

| Source of the question | Number of question |
|---|---|
| Solved examples + Exercises given at the end of the NCERT textbook | 15-20 |
| Directly from the previous years' question papers | 15-20 |
| Fact-based/out of NCERT | 2-5 |

**Also Read:** NEET Chemistry Question Papers - Download PDF

Alternating current definition

class 11 physics laws of motion

work energy and power class 11 notes

# How To Study Chemistry For NEET 2026?

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

NEET Chemistry can be divided into three sections. Every section is unique, and so is its approach. The same method of preparation won't work for all three sections. The NEET preparation strategy for each section of Chemistry has been explained individually below.

## How to Study Physical Chemistry for NEET

There will be 15-20 questions on Physical Chemistry, most of which can be numerical-based. Questions in this section are mainly dominated by four topics: chemical and ionic equilibrium, redox, liquid solutions and electrochemistry. Around 8-12 questions in Physical Chemistry are based on these four topics. However, here it is important to understand the concepts before you start solving the problems. The sequence of events that one must follow while preparing for the Physical Chemistry section for NEET is given below.

1. Read the chapter from NCERT books of class 11 and 12th.
2. Note the important formula on a sheet of paper
3. Read the same chapter from the desired reference book

shiksha

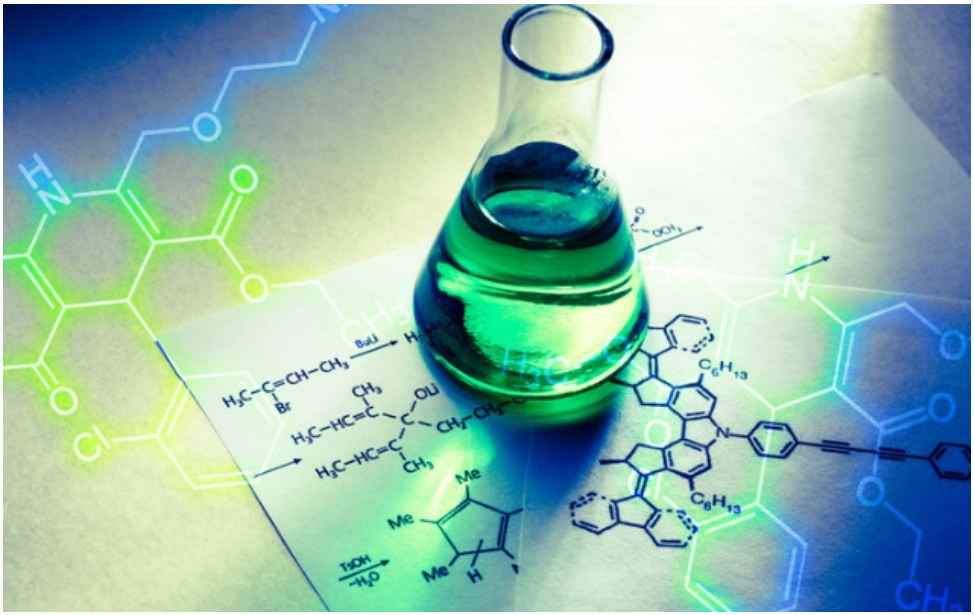
**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

4. Understand the application of these formulas
5. Add the extra information that you find in the reference books to your notes
6. Now start solving questions on your own
7. Revise in the same sequence

**Check Here:** Physical Chemistry Chapters for NEET 2026 Preparation

oscillation physics

## How to Study Organic Chemistry for NEET



The Organic Chemistry section of NEET will have 14-18 questions. The most important chapter in this section is 'General Organic Chemistry'. It is important to understand the concepts and their applications to score well in this section. In addition to GOC, one must also complete Isomerism and Effects. This trio will help solve most questions from this

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

section. Also, before you start solving the questions for this section, experts advise completing at least GOC, hydrocarbons, Alcohol, Aldehyde, Amines, and Alkyl Halide.

## How to Study Inorganic Chemistry for NEET


One mistake that medical aspirants often end up making, ignoring this section of NEET Chemistry. In the past few years, the number of questions asked from this section has come at par with those from Organic/Physical Chemistry. You can expect around 10-18 questions from this section in NEET 2026. Important chapters from this section of NEET Chemistry are chemical bonding, p-block and coordination compounds. Together these have around six to eight questions based on them.

Most questions in this section are from the NCERT books of Chemisty subjects. Hence, it is advised to students that their maximum focus for this section should be the NCERT books. Experts suggest highlighting the points that you feel are important and can be asked in the examination. You can forego the reference books in this case and directly jump to solving questions. Once you are thorough with the NCERT books and have solved a variety of

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

questions, you can refer to the desired reference books. Note down the extra information that you find in the reference book in your NCERT book.

**Also Read:** Inorganic Chemistry Chapters for NEET 2026

## How To Study Chemistry For NEET 2026: Important Topics

Many have difficulty in setting the order in which the chapters should be read. This section of '**how to study Chemistry for NEET**' will help you decide the sequence.

| Name of the chapter | Number of questions asked | Prep tips |
|---|---|---|
| General Organic Chemistry | 20-25 | • High priority topics<br>• More number of questions<br>• Involve less calculation<br>• Refer to both NCERT and reference books<br>• Solve lots of questions<br>• Require more time |
| Hydrocarbons | | |
| Alcohol | | |
| Aldehyde | | |
| Amines | | |
| Periodic Table | | |
| Metallurgy | | |
| Structure of Atom | | |
| Alkyl Halide | | |
| Chemical bonding | | |
| Hydrogen | | |

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| p-block | | |
| d-block | | |
| f-block | | |
| Surface Chemistry | | |
| Chemistry in everyday life | 10-15 questions | • Medium importance<br>• Relatively easy topics<br>• Reading is a must<br>• Expect at least 1 question from every topic |
| Environmental chemistry | | |
| Polymers | | |
| Biomolecules NCERT only | | |
| Redox | | |
| Some basic concepts | | |
| Solid states | | |
| Coordination | | |
| Thermodynamics | Very few questions | • Can be left for the end<br>• Superficial reading sufficient<br>• Difficult and time-consuming<br>• Refer to NCERT |
| Chemical kinetics | | |
| Equilibrium | | |
| States of matter | | |
| Electrochemistry | | |

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| Solution | | books<br>• Determine the toppers |

## NEET Chemistry Reduced Syllabus

Take a look at the list of deleted or removed chapters of Chemistry in the NEET syllabus.

| Units | Chapters |
|---|---|
| Some Basic Concepts of Chemistry | General Introduction: Important and scope of chemistry. |
| Structure of Atom | Atomic number, isotopes and isobars, Concept of shells and subshells, dual nature of matter and light. |
| Some p-Block Elements | Important compounds of silicon and a few uses: silicon tetrachloride, silicones, silicates and zeolites, their uses. |
| Organic Compounds Containing Nitrogen | Cyanides and Isocyanides- will be mentioned at relevant places. |
| Environmental Chemistry | Environmental pollution: Air, water and soil pollution, chemical reactions in atmosphere, smogs, major atmospheric pollutants; acid rain ozone and its reactions, effects of depletion of ozone layer, greenhouse effect and global warming-pollution due to industrial wastes; green chemistry as an alternative tool for reducing pollution, strategy for control of environmental pollution. |

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | |
|---|---|
| Polymers | Classification- Natural and synthetic, methods of polymerization (addition and condensation), copolymerization. Some important polymers: natural and synthetic like polyesters, bakelite; rubber, Biodegradable and non-biodegradable polymers. |
| Chemistry in Everyday Life | • Chemicals in medicines- analgesics, tranquillizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamines.<br>• Chemicals in food- preservatives, artificial sweetening agents, elementary idea of antioxidants.<br>• Cleansing agents- soaps and detergents, cleansing action. |
| Surface Chemistry | Adsorption-physisorption and chemisorption; factors affecting adsorption of gases on solids,<br>catalysis homogeneous and heterogeneous, activity and selectivity: enzyme catalysis; colloidal<br>state: distinction between true solutions, colloids and suspensions; lyophillic, lyophobic<br>multimolecular and macromolecular colloids; properties of colloids; Tyndall effect, Brownian<br>movement, electrophoresis, coagulation; emulsions- types of emulsions. |
| Haloalkanes and Haloarenes | · Haloalkanes: Nomenclature, nature of C –X bond, physical and chemical properties, mechanism of substitution reactions. Optical rotation.<br>· Haloarenes: Nature of C-X bond, substitution reactions (directive influence of halogen for<br>monosubstituted compounds only).<br>· Uses and environmental effects of – dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT. |

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

# NEET 2026 Analysis for Chemistry Section

In this section, we bring last year's NEET analysis of Chemistry in terms of topics, difficulty level, weightage and coverage of the NEET syllabus.

| Chemistry Chapters and Topics | Average No. of Questions from the Chapter | Weightage of the Chapter and Topic |
|---|---|---|
| **Physical Chemistry** | **20** | **40%** |
| **Chemical Equilibrium** | **3** | **6%** |
| Reaction Quotient and its Applications | 1 | 2% |
| KC and KP for Homogeneous Reaction | 1 | 2% |
| Degree of dissociation and vapour density | 1 | 2% |
| **Chemical Kinetics**<br>Effect of Temperature, Arrhenius equation | **3** | **6%** |
| **Electrochemistry**<br>Faradays Law of Electrolysis | **2** | **4%** |
| **Ionic Equilibrium**<br>Acid-base Titration and Indicator | **1** | **2%** |

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| **Mole Concept** | | |
| Units, Atoms, Molecules, Atomic mass, Molecular mass, Gram atomic mass, Gram molecular mass, RAM, Average atomic mass | **3** | **6%** |
| Limiting Reagent (LR) | 1 | 2% |
| Percentage composition and Molecular and Empirical formula | 1 | 2% |
| | 1 | 2% |
| **Solution Colligative Properties** | **2** | **4%** |
| Solutions of Gases in Liquids (Henry's law) | 1 | 2% |
| Osmosis and osmotic pressure | 1 | 2% |
| **Atomic Structure** | **2** | **4%** |
| Quantum Numbers and Electronic configuration | 1 | 2% |
| Bohr's Model (Calculation of Radius, velocity and energy) | 1 | 2% |
| **Redox Reaction** | | |
| Types of Redox reaction, Balancing of redox reactions, Oxidizing and Reducing agent | **1** | **2%** |

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| **Thermodynamics**<br>Thermodynamic functions and Thermodynamic processes<br>IInd Law of thermodynamics: Basics of entropy, Entropy calculation for different types of physical process of an ideal gas, chemical reaction<br>Calculation of $\Delta E$, $\Delta H$, w and θ in different types of physical processes | **3**<br>1<br>1<br>1 | **6%**<br>2%<br>2%<br>2% |
| **Inorganic Chemistry** | **14** | **28%** |
| Chemical Bonding<br>VSEPR Theory<br>Polarity of Bond, Dipole Moment | **2**<br>1<br>1 | **4%**<br>2%<br>2% |
| **Qualitative Analysis**<br>Vth and VIth Group | **1** | **2%**<br>• 2% |
| **Atomic Structure**<br>Quantum Numbers and Electronic configuration | **1** | **2%** |
| **Periodic Table**<br>Electronegativity<br>Ionisation Energy | **2**<br>1<br>1 | **4%**<br>2%<br>2% |

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| **Coordination Compound** | | |
| General introduction of complex salts and definitions to be used | **3** | **6%** |
| Crystal field theory and applications of crystal field theory: (Theory Magnetic moment of complex, Color of complex, Stability of complex) | 1 | 2% |
| | 1 | 2% |
| Isomerism in coordination compounds (Structural Isomerism, Stereoisomerism, Geometrical Isomerism, Optical Isomerism) | 1 | 2% |
| p-block **(Nitrogen and Oxygen)** | **3** | **6%** |
| Physical and Chemical properties of Group 15th elements | 1 | 2% |
| Compounds of Nitrogen and phosphorus | 2 | 4% |
| **d-f-Block Element Compound** | | |
| Ionisation enthalpy, oxidation state, Electrode potential and chemical reactivity | **5** | **10%** |
| | 1 | 2% |
| Lanthanoids and actinoids | 1 | 2% |
| Electronic configuration, atomic and ionic size, density, melting and boiling points | 3 | 6% |
| **Organic Chemistry** | **16** | **32%** |
| Aromatic Compound | 1 | 2% |
| Aniline | 1 | 2% |

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| **Reaction Mechanism** | | |
| Nucleophilic Substitution Reaction of Alcohol | **4** | **8%** |
| Unimolecular nucleophilic substitution reaction of Alkyl Halide (SN1) | 1 | 2% |
| Bimolecular nucleophilic substitution reaction of Alkyl Halide (SN2) | 1 | 2% |
| Elimination Reaction of Alcohol | 1 | 2% |
| | 1 | 2% |
| Periodic Table & Periodicity in Properties | 2 | 4% |
| Biomolecule **and** Polymer | | |
| Carbohydrate: Monosaccharide, Disaccharide, Polysaccharide | **1** | **2%** |
| Hydrocarbons | **2** | **4%** |
| Alkane | 1 | 2% |
| Alkene | 1 | 2% |
| **General Organic Chemistry** | **4** | **8%** |
| Acidic Strength | 1 | 2% |
| Carbon free radicals and carbocations | 1 | 2% |
| Inductive effect | 2 | 4% |
| **Grignard Reagent** | **4** | **8%** |
| Practical Organic Chemistry | 2 | 4% |
| Oxidation | 2 | 4% |

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

| | | |
|---|---|---|
| **IUPAC nomenclature**<br><br>Fundamental of Organic Chemistry | **2** | **4%** |

## NEET Chemistry Questions Distribution Between Class 11 and Class 12

| NEET Chemistry Topic | Class 11 | Class 12 |
|---|---|---|
| Organic Chemistry | 5 | 11 |
| Inorganic Chemistry | 5 | 10 |
| Physical Chemistry | 12 | 7 |

According to the NEET 2026 analysis by Allen Coaching Institute, the ratio of Class 11 and Class 12 questions of NEET Chemistry is 44 per cent and 56 per cent, respectively. Refer to the pie chart below.


## How to Study Chemistry for NEET: Clear the

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

## Concepts

To get good score in Chemistry, it is important to understand the basic concepts to get conceptual clarity. After one understand the basics well, they can understand the logic of the formula and solve the tricky questions. If you clarity on why behind every action in Chemistry, then it will not be difficult for you to answer any questions on this topic. Such as, why some elements show an oxidation state and why some compounds get formed.

## How to Study Chemistry for NEET - Memorise Formulae and Periodic Tables

To ge good marks in Chemistry subject, you must know the fundamental formulae and the periodic table by heart. For this, use flashcards and mnemonics. Regular visualisation of the formulae or other tables or charts will keep them etched into your mind. Also, to understand or remember a particular series, the usage of mnemonics comesin handy.

## How to Study Chemistry for NEET 2026: Important Books

In this section, we bring the important books that students must refer to while studying Chemistry for NEET.

- Physical Chemistry by O P Tandon
- ABC of Chemistry for Classes 11 and 12 by Modern
- Concise Inorganic Chemistry by J D Lee
- Dinesh Chemistry Guide
- Practise books by V K Jaiswal (Inorganic), M S Chauhan (Organic) and N Awasthi (Physical)
- Organic Chemistry by Morrison and Boyd for Organic Chemistry
- Elementary Problems in Organic Chemistry for NEET/AIIMS by M S Chauhan
- Modern Approach to Chemical Calculations by R C Mukherjee

shiksha

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.

**Also Read:** Best books for NEET Chemistry

You must note that before referring to the books listed above for studying Chemistry for NEET 2026, focus on completing the NCERT and school textbooks for Chemistry such as Modern's ABC of Chemistry for Class 11 and Class 12.

## How to Study Chemistry for NEET 2026: Time Management

Time management is extremely important when you prepare for any subjects in NEET. Chemistry has three subsections - Organic, Inorganic and Physical Chemistry. For each section, you can devote one hour every day. When the NEET exam is near, you can devote more time. Go through the notes you have created, solve as many question papers as possible, and analyse their performance. Revisit the topics where you think you need to focus more.

## How to Study Chemistry for NEET 2026 - Revise and Practice

A good preparation needs hard work and dedication from your side. On each chapter, prepare short revision notes and practice and revise it on a regular basis. When you prepare it multiple times, start taking the mock tests, to assess your preparation. How you score in these tests will tell you how prepared you are for the exam. Make changes to your preparation strategy as per what you think can be added.

**Read More:**

- NEET Chapter-wise Weightage
- How to prepare for NEET Physics?
- How to prepare for NEET Biology?
- NEET Preparation Tips for Class 11 Students
- optical instruments class 12

**Disclaimer:** This PDF is auto-generated based on the information available on Shiksha as on 24-Jan-2026.