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CUET 2025- Chemistry Domains Test Series

Introducing Edupreparator's Online CUET 2025 Exam Preparation Test Series of Chemistry Domains:

Welcome to **Edupreparator**, your trusted partner in unlocking success in the **Online CUET 2025 (Common Universities Entrance Test) Exam**. Our specialized **Test Series in Chemistry** is meticulously designed to empower students with the knowledge and skills needed to excel in **CUET 2025** examination.

Chemistry CUET 2025 Domains Test Series Highlights:

1. **11 Chapter Wise Test with Self-evaluation**
2. **5 Full-Length MOCK Test + Recorded Video Discussion**
3. **AI Based Test Analysis**
4. **CUET College Counselling Help**
5. **Personnel Mentorship**
6. **Telegram Group Discussion**
7. **Hand-holding during examination**

1. **Chapters Wise Tests:**

- To reinforce conceptual understanding, we also offer **chapter-wise tests** of all chapters focusing on specific topics within the **Chemistry syllabus**.
- These tests allow students to examine deep into **individual chapters**, identifying strengths and areas for improvement.
- **Immediate feedback** is provided, enabling students to track their progress and tailor their study plans accordingly.

Chapter Wise Test Schedule

Date	Topics	Timings
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20-03-2025	Solid state	4:15-6 pm
22-03-2025	Solutions	4:15-6 pm
25-03-2025	Electrochemistry	4:15-6 pm
27-03-2025	Chemical Kinetics	4:15-6 pm
30-03-2025	Surface Chemistry	4:15-6 pm
01-04-2025	General Principles and Processes of Isolation of Elements	4:15-6 pm
03-04-2025	P-Block Elements	4:15-6 pm
06-04-2025	D and F block Elements	4:15-6 pm
09-04-2025	Coordination compounds	4:15-6 pm
11-04-2025	Haloalkanes and Haloarenes	4:15-6 pm
14-04-2025	Alcohols, Phenols, and Ethers	4:15-6 pm
16-04-2025	Aldehydes, Ketones, and Carboxylic Acids	4:15-6 pm

18-04-2025	Organic Compounds Containing Nitrogen	4:15-6 pm
20-04-2025	Biomolecules	4:15-6 pm
22-04-2025	Polymers	4:15-6 pm
24-04-2025	Chemistry in Everyday Life	4:15-6 pm

2. Expertly Crafted Mock Tests:

- Our **Test Series** includes **5 full-length mock tests**, providing students with a real-time online exam experience with **Test Discussion** in recorded form.
- Each mock test is designed by experienced educators and subject matter experts, ensuring a comprehensive coverage of the **CUET Chemistry syllabus**.

Comprehensive Full-Length Chemistry Domains Mock Test

Date	Topics	Timings
21-04-2025	Mock Test -1	3 pm
26-04-2025	Mock Test -2	3 pm
01-04-2025	Mock Test -3	3 pm
03-05-2025	Mock Test -4	3 pm

06-05-2025	Mock Test -5	3 pm
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3. **Comprehensive Coverage:**

- Our programme covers the entire **CUET 2025 Chemistry syllabus**, ensuring that students are well-prepared for any question that may appear in the exam.
- Test includes topics from **INTRODUCTORY MICROChemistry and INTRODUCTORY MACROPhysics**.

4. **AI-Based Test Series Analysis:** Harnessing the power of **artificial intelligence**, our test series analysis goes beyond conventional assessments. Receive **personalized insights, performance metrics, and tailored feedback** to understand your strengths and weaknesses. This data-driven approach allows for strategic refinement of your study plan.

5. **CUET College Counselling Session:** Navigating the college admission process can be overwhelming. At **EDUPREPRATOR**, we go the extra mile by offering **CUET College counselling sessions**. Our experienced counsellors provide valuable guidance, helping you make informed decisions about your academic future.

Chapter and Subtopics of Chemistry Domains

Unit	Topic	Sub-topics
1.	Solid state	<ul style="list-style-type: none"> • Classification of solids based on different binding forces: molecular, ionic covalent, and metallic solids, amorphous and crystalline solids • Unit cells in two-dimensional and three-dimensional lattices • Band theory of metals, conductors, semiconductors, insulators, and n and p-type semiconductors... and more

2.	Solutions	<ul style="list-style-type: none"> ● Types of solutions ● The relative lowering of vapour pressure ● Raoult's law ● Determination of molecular masses using colligative properties Van't Hoff factor... and more
3.	Electrochemistry	<ul style="list-style-type: none"> ● Redox reactions; conductance in electrolytic solutions ● Kohlrausch's Law - electrolysis, and laws of electrolysis ● Relation between Gibbs energy change and EMF of a cell... and more
4.	Chemical Kinetics	<ul style="list-style-type: none"> ● Rate of a reaction (average and instantaneous) ● Rate law and specific rate constant ● The concept of collision theory ● Arrhenius equation... and more
5.	Surface Chemistry	<ul style="list-style-type: none"> ● Absorption – physisorption and chemisorption ● Enzyme catalysis; colloidal state ● The distinction between true solutions, colloids, and suspensions ● Tyndall effect & Brownian movement ● Emulsions – types of emulsions... and more
6.	General Principles and Processes of Isolation of Elements	<ul style="list-style-type: none"> ● Principles and methods of extraction ● Principles of extraction of aluminum, copper, zinc, and iron... and more

7.	p-Block Elements	<ul style="list-style-type: none"> • Group 15 Elements • Group 16 Elements • Group 17 Elements • Group 18 Elements
8.	d and f block Elements	<ul style="list-style-type: none"> • General introduction, electronic configuration, occurrence, and characteristics of transition metals • Metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation • Preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$. Lanthanoids & Actinoids... and more
9.	Coordination compounds	<ul style="list-style-type: none"> • Introduction, ligands, coordination number, colour, magnetic properties, and shapes • IUPAC nomenclature of mononuclear coordination compounds • Werner's theory of VBT • Isomerism (structural and stereo) importance of coordination compounds... and more
10.	Haloalkanes and Haloarenes	<ul style="list-style-type: none"> • Nomenclature, nature of C-X bond, physical and chemical properties • Haloarenes: Nature of C-X bond, substitution reactions • Uses And Environmental Effects Of-dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT... and more

11.	Alcohols, Phenols, and Ethers	<ul style="list-style-type: none"> ● Alcohols: Nomenclature, methods of preparation, physical and chemical properties ● Identification of primary, secondary, and tertiary alcohols Mechanism of dehydration ● Phenols: Nomenclature, methods of preparation, physical and chemical properties ● Acidic nature of phenol, electrophilic substitution reactions, uses of phenols ● Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses... and more
12.	Aldehydes, Ketones, and Carboxylic Acids	<ul style="list-style-type: none"> ● Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties ● Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses... and more
13.	Organic Compounds Containing Nitrogen	<ul style="list-style-type: none"> ● Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses ● Cyanides and Isocyanides – will be mentioned at relevant places in context ● Diazonium salts: Preparation, chemical reactions, and importance in synthetic organic chemistry... and more
14.	Biomolecules	<ul style="list-style-type: none"> ● Carbohydrates & Proteins ● ● Hormones - Elementary idea (excluding structure). Vitamins – Classification and functions. Nucleic Acids: DNA and RNA

15.	Polymers	<ul style="list-style-type: none"> • Classification - Natural and synthetic, methods of polymerization & copolymerization • Some important polymers: natural and synthetic like polythene, nylon polyesters, bakelite, and rubber • Biodegradable and non-biodegradable polymers... and more
16.	Chemistry in Everyday Life	<ul style="list-style-type: none"> • Chemicals in medicines - analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, and antihistamines • Chemicals In food - preservatives, artificial sweetening agents, elementary ideas of antioxidants • Cleansing agents – soaps and detergents, cleansing action

The comprehensive CUET 2025 Chemistry syllabus is provided above. Examine it in detail. *It is anticipated that CUET will mark a significant turning point in Indian higher education. Get ready for the CUET as soon as possible to give it your all. Use EDUPREPARATOR to get started on your Boards + CUET 2025 preparation right now. With more than a decade of experience helping students prepare for UG exams, EDUPREPARATOR provides top-notch programs and courses.*

ALL THE BEST!!