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JEE Main 2027 chemistry

JEE Main 2027 Chemistry Chapter Wise Weightage

Which chapters bring the most JEE Mains chemistry questions, worked out from all 1541 chemistry questions in the 58 JEE Main papers of 2024 to 2026, the papers set on the current syllabus. The JEE Main 2027 chemistry syllabus is unchanged from 2026, so this is the best guide to where the 2027 questions will come from.

By Sunil Kumar. Updated 20 November 2026.

The short answer

26.6	57%	34%	58
chemistry questions per paper, 2024 to 2026	of them from the top 10 chapters below	organic chemistry	papers counted, 2024 to 2026

High weightage chapters for JEE Main 2027: General Organic Chemistry (2.31 per paper), Coordination Compounds (1.97 per paper), d- and f-Block Elements (1.67 per paper), Chemical Bonding and Molecular Structure (1.55 per paper), Hydrocarbons (1.34 per paper), Thermodynamics (1.33 per paper).

Questions per paper by branch: Physical 8.9 (34%), Inorganic 8.6 (32%), Organic 9.1 (34%).

In the 25-question papers of 2025 and 2026: physical chemistry 9.2, inorganic chemistry 7.2, organic chemistry 8.4 questions per paper.

How many questions come from organic chemistry in JEE Mains: about 8.4 of the 25 chemistry questions in each paper of 2025 and 2026.

JEE Main chemistry chapter wise weightage, 2024 to 2026

Every chapter on the 2027 syllabus, highest weightage first. Per paper is the average number of questions from the chapter in one JEE Main shift. Each chapter opens with all its PYQ and worked solutions.

#	Chapter	Questions	Per paper	Share
1	General Organic Chemistry Organic. Most asked: Purification and analysis of organic compounds	134	2.31	9%
2	Coordination Compounds Inorganic. Most asked: Crystal field theory	114	1.97	7%
3	d- and f-Block Elements Inorganic. Most asked: Potassium dichromate and permanganate	97	1.67	6%
4	Chemical Bonding and Molecular Structure Inorganic. Most asked: VSEPR and molecular shape	90	1.55	6%
5	Hydrocarbons Organic. Most asked: Alkenes: preparation and addition reactions	78	1.34	5%
6	Thermodynamics Physical. Most asked: Gibbs energy and spontaneity	77	1.33	5%
7	Electrochemistry Physical. Most asked: Conductance and Kohlrausch law	73	1.26	5%

#	Chapter	Questions	Per paper	Share
8	Amines Organic. Most asked: Diazonium salts and coupling	73	1.26	5%
9	Chemical Kinetics Physical. Most asked: Arrhenius equation and activation energy	71	1.22	5%
10	Solutions Physical. Most asked: Colligative properties	70	1.21	5%
11	Classification of Elements and Periodicity Inorganic. Most asked: Ionisation enthalpy	70	1.21	5%
12	Structure of Atom Physical. Most asked: Bohr model and hydrogen spectrum	69	1.19	4%
13	Practical Chemistry Inorganic. Most asked: Purification and separation techniques	69	1.19	4%
14	Biomolecules Organic. Most asked: Amino acids and peptides	67	1.16	4%
15	Some Basic Concepts of Chemistry (Mole Concept) Physical. Most asked: Stoichiometry and limiting reagent	63	1.09	4%
16	Haloalkanes and Haloarenes Organic. Most asked: SN1 and SN2 reactions	57	0.98	4%
17	Alcohols, Phenols and Ethers Organic. Most asked: Phenols: acidity and reactions	53	0.91	3%
18	Aldehydes and Ketones Organic. Most asked: Cannizzaro and haloform reactions	50	0.86	3%
19	Chemical Equilibrium Physical. Most asked: Equilibrium constant Kp and Kc	36	0.62	2%
20	Ionic Equilibrium Physical. Most asked: Solubility and solubility product	35	0.60	2%
21	p-Block Elements: Groups 15 to 18 Inorganic. Most asked: Oxygen, ozone and group 16 trends	32	0.55	2%
22	p-Block Elements: Groups 13 and 14 Inorganic. Most asked: Group 14 trends and compounds	24	0.41	2%
23	Redox Reactions Physical. Most asked: Redox titrations and equivalents	23	0.40	1%
24	Carboxylic Acids and Derivatives Organic. Most asked: Acidity of carboxylic acids	16	0.28	1%

Chapters no longer asked

States of Matter, Solid State, Surface Chemistry, Hydrogen, s-Block Elements, Isolation of Metals (Metallurgy), Environmental Chemistry, Polymers and Chemistry in Everyday Life were taken out of the JEE Main syllabus from 2024 and are not in the 2027 syllabus. None of the 58 papers of 2024 to 2026 has a question from them. Skip them for JEE Main 2027; they are still in the JEE Advanced syllabus. Deleted chemistry chapters, one by one.

How to use this

Start with the top 10 chapters: together they gave 57% of the chemistry questions since 2024.

Inside each chapter, open its most asked topic first; the chapter page lists every topic by count.

Then take full timed papers, 25 questions in about an hour, to practise speed and choice under negative marking.

Physical chemistry weightage in JEE Mains
Inorganic chemistry weightage in JEE Mains
Organic chemistry weightage in JEE Mains
Deleted chemistry chapters
JEE Main chemistry PYQ chapter wise
JEE Advanced 2027 chemistry weightage
NEET 2027 chemistry weightage
Chemistry notes

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