High weightage chapters for JEE Mains Chemistry

Chapter priorities, broad historical estimates and revision guidance

Use this guide to prioritize JEE Main revision. The estimates below are broad ranges carried over from the chapter-wise table discussed earlier; treat them as planning aids, not predictions of the exact questions in a future shift.

Chapter-wise weightage overview

Chapter / Unit	Average weightage	Approx. questions per paper	Approx. marks
Organic Reaction Mechanism (GOC)	12–16%	3–4	12–16
Coordination Compounds and p-Block	9–12%	2–3	8–12
Chemical Bonding and Molecular Structure	8–11%	2–3	8–12
Thermodynamics and Equilibrium	6–9%	1–2	4–8
Aldehydes, Ketones and Carboxylic Acids	5–8%	1–2	4–8
Chemical Kinetics	4–6%	Around 1	Around 4
Periodic Table and d-Block	4–6%	Around 1	Around 4
Electrochemistry	3–5%	Around 1	Around 4
Surface Chemistry	2–4%	0–1	0–4

How to use this list

• Start with General Organic Chemistry (GOC) and Chemical Bonding because they support problem-solving across multiple topics.

• Prepare Coordination Compounds, Chemical Kinetics, and Electrochemistry with formula revision and chapter-wise previous-year questions.

• Check the current official syllabus before allocating time to any chapter.

Data note
These broad estimates are reproduced from the earlier chapter-weightage table in this conversation. They are not independently verified official NTA figures or a year-by-year 10-year dataset. Grouped units can overlap, so percentages should not be added together.

Preparation reminder: verify the current JEE Main syllabus and consult recent official papers. No chapter-wise estimate guarantees a question or percentile.