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JEE Main 2027 and NEET 2027 chemistry

Deleted Chemistry Chapters for JEE Main 2027 and NEET 2027

Nine chemistry chapters are deleted from the JEE Main and NEET syllabus: states of matter, solid state, surface chemistry, hydrogen, s-block, metallurgy, environmental chemistry, polymers and chemistry in everyday life. They were removed from the 2024 exams and are still out. All nine are still in the JEE Advanced syllabus. Below, each chapter with how often it was asked before and after.

By Sunil Kumar. Updated 20 November 2026.

The short answer

Deleted means the chapter is not in that exam's syllabus. In syllabus means it can be asked.

Chapter	JEE Main 2027	NEET	JEE Advanced
States of Matter Physical chemistry, class 11	Deleted	Deleted	In syllabus
Solid State Physical chemistry, class 12	Deleted	Deleted	In syllabus
Surface Chemistry Physical chemistry, class 12	Deleted	Deleted	In syllabus
Hydrogen Inorganic chemistry, class 11	Deleted	Deleted	In syllabus
s-Block Elements Inorganic chemistry, class 11	Deleted	Deleted	In syllabus
Isolation of Metals (Metallurgy) Inorganic chemistry, class 12	Deleted	Deleted	In syllabus
Environmental Chemistry Inorganic chemistry, class 11	Deleted	Deleted	In syllabus
Polymers Organic chemistry, class 12	Deleted	Deleted	In syllabus
Chemistry in Everyday Life Organic chemistry, class 12	Deleted	Deleted	In syllabus

JEE Main: the 2027 chemistry syllabus, published by NTA in October 2026, has 20 units and is unchanged from 2026. None of the nine chapters is in it.

NEET: the 2026 syllabus, notified by NMC in December 2025, has the same 20 units and has not changed since NEET 2024. The NEET 2027 syllabus has not been published yet; this page will change if it does.

JEE Advanced: the syllabus has been the same since the 2023 exam, and all nine chapters are in it. The JEE Advanced 2027 syllabus is not out yet; check the information brochure on jeeadv.ac.in before the exam.

Chapter by chapter

Is states of matter in the JEE Mains 2027 syllabus?

No. States of Matter (gas laws, kinetic theory of gases, real gases and liquids) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.43 questions per paper in 2019 to 2023, and none in the 58 papers since. Two later questions came close to it but were set from a unit of the syllabus: pressure after half of a gas reaction is over (2025, Mole Concept), ratio of partial pressures from the composition of air (2025, Mole Concept). **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; 4 questions in the 8 papers of 2023 to 2026. Older questions: States of Matter JEE Main PYQ, JEE Advanced PYQ.

Is solid state in the JEE Mains 2027 syllabus?

No. Solid State (unit cells, packing, density of crystals and defects) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.53 questions per paper in 2019 to 2023, and none in the 58 papers since. **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; 2 questions in the 8 papers of 2023 to 2026. Older questions: Solid State JEE Main PYQ, JEE Advanced PYQ.

Is surface chemistry in the JEE Mains 2027 syllabus?

No. Surface Chemistry (adsorption, catalysis and colloids) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.90 questions per paper in 2019 to 2023, and none in the 58 papers since. **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; 3 questions in the 8 papers of 2023 to 2026. Older questions: Surface Chemistry JEE Main PYQ, JEE Advanced PYQ.

Is hydrogen in the JEE Mains 2027 syllabus?

No. Hydrogen (hydrides, water, heavy water and hydrogen peroxide) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.77 questions per paper in 2019 to 2023, and none in the 58 papers since. One later question came close to it but was set from a unit of the syllabus: mass of iron that reacts with steam (2026, Mole Concept). **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; no question in the 8 papers of 2023 to 2026. Older questions: Hydrogen JEE Main PYQ, JEE Advanced PYQ.

Is s-block in the JEE Mains 2027 syllabus?

No. s-Block Elements (alkali and alkaline earth metals and their compounds) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 1.01 questions per paper in 2019 to 2023, and none in the 58 papers since. Two later questions came close to it but were set from a unit of the syllabus: basic, acidic, amphoteric and neutral oxides (2026, Periodicity), energy from the ionisation enthalpies of lithium (2026, Periodicity). **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; no question in the 8 papers of 2023 to 2026. Older questions: s-Block Elements JEE Main PYQ, JEE Advanced PYQ.

Is metallurgy in the JEE Mains 2027 syllabus?

No. Metallurgy (concentration of ores, extraction, the Ellingham diagram and refining) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.97 questions per paper in 2019 to 2023, and none in the 58 papers since. One later question came close to it but was set from a unit of the syllabus: minerals of fluorine (2024, p-Block Groups 15 to 18). **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; 1 question in the 8 papers of 2023 to 2026. Older questions: Metallurgy JEE Main PYQ, JEE Advanced PYQ.

Is environmental chemistry in the JEE Mains 2027 syllabus?

No. Environmental Chemistry (air and water pollution, smog, the ozone layer and green chemistry) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.89 questions per paper in 2019 to 2023, and none in the 58 papers since. **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus. Older questions: Environmental Chemistry JEE Main PYQ.

Are polymers in the JEE Mains 2027 syllabus?

No. Polymers (addition and condensation polymers, rubber and biodegradable polymers) left the JEE Main chemistry syllabus from the 2024 exam and are not in the 2027 syllabus. **JEE Main:** about 0.60 questions per paper in 2019 to 2023, and none in the 58 papers since. **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; no question in the 8 papers of 2023 to 2026. Older questions: Polymers JEE Main PYQ, JEE Advanced PYQ.

Is chemistry in everyday life in the JEE Mains 2027 syllabus?

No. Chemistry in Everyday Life (drugs, food additives, soaps and detergents) left the JEE Main chemistry syllabus from the 2024 exam and is not in the 2027 syllabus. **JEE Main:** about 0.62 questions per paper in 2019 to 2023, and none in the 58 papers since. One later question came close to it but was set from a unit of the syllabus: percentage of iodine in thyroxine (2025, Mole Concept). **NEET:** not in the syllabus from NEET 2024 on; last asked in NEET 2023. **JEE Advanced:** still in the syllabus; 1 question in the 8 papers of 2023 to 2026. Older questions: Chemistry in Everyday Life JEE Main PYQ, JEE Advanced PYQ.

What is left of these chapters in the syllabus

The chapters are deleted, but a few lines of the JEE Main and NEET syllabus still touch them. Know these, and leave the rest.

Gases. There is no unit on the gaseous state. Pressure and moles of a gas still come into stoichiometry, thermodynamics and equilibrium: the equilibrium constant in terms of partial pressures is in unit 6.

Catalysts. The effect of a catalyst is in unit 6 (Equilibrium) and unit 8 (Chemical Kinetics). Adsorption is not in the syllabus.

Sols. Preparation of lyophilic and lyophobic sols is one of the experiments of unit 20 (Principles Related to Practical Chemistry). The rest of the colloid chapter is not in the syllabus.

Polymerisation. Polymerisation of alkenes and alkynes is in unit 15 (Hydrocarbons). The chapter on polymers is not.

Environmental effects. Uses and environmental effects of chloroform, iodoform, freons and DDT are in unit 16 (Organic Compounds Containing Halogens).

Extraction of metals. Named only as one use of coordination compounds in unit 12. Ores, the Ellingham diagram and refining are not in the syllabus.

s-block. Calcium, barium and magnesium ions are among the cations of salt analysis in unit 20, and periodic trends of all four blocks are in unit 9. The chemistry of the alkali and alkaline earth metals is not in the syllabus.

Hydrogen peroxide. It appears in one experiment of unit 20 only: the kinetic study of its reaction with iodide ions.

Chapters that are still in the syllabus

Is p-block in the JEE Mains 2027 syllabus?

Yes. p-Block Elements is unit 10 of the JEE Main syllabus and of the NEET syllabus: groups 13 to 18, general trends and the unique behaviour of the first element of each group. JEE Main has asked 56 p-block questions in the 58 papers since 2024, about 0.97 per paper. The NCERT textbooks dropped their p-block chapters, but the two exams did not. p-Block Elements: Groups 13 and 14 PYQ, p-Block Elements: Groups 15 to 18 PYQ.

Is practical chemistry in the JEE Mains 2027 syllabus?

Yes. Principles Related to Practical Chemistry is unit 20 of both syllabuses: detection of elements and functional groups in organic compounds, the chemistry of some preparations, titrations, salt analysis and a few physical chemistry experiments. Salt analysis notes and PYQs.

Should you study the deleted chapters?

Only JEE Main or NEET: not as chapters. Know the few lines listed under what is left, and put the time into the 20 units that are asked. JEE Main chapter wise weightage, NEET chapter wise weightage.

JEE Advanced: yes. All nine chapters are in its syllabus, and it has asked from several of them since 2023.

Board exam: the current NCERT class 11 and 12 textbooks also leave these nine chapters out. If your board uses another syllabus, check it.

Physical chemistry weightage in JEE Mains | Inorganic chemistry weightage in JEE Mains | Organic chemistry weightage in JEE Mains | Physical chemistry weightage in NEET | Inorganic chemistry weightage in NEET | Organic chemistry weightage in NEET

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