

Class 9 Chemistry - Guess Paper 2026

StudyPortal Guess Paper (NOT a board paper) | Most expected questions | Punjab Boards

Section A - Expected MCQs Topics

- Branches of chemistry, empirical vs molecular formula (Ch.1).
- Rutherford atomic model, isotopes (Ch.2). Periodic table groups and periods (Ch.3).
- Types of chemical bonds (Ch.4), metals vs non-metals (Ch.5).

Section B - Short Questions

- Define mole and Avogadro number. Calculate molecules in 0.25 mol of water.
- Write four defects of Rutherford atomic model.
- Define isotopes. Write isotopes of hydrogen and carbon.
- Differentiate between ionic and covalent compounds (any four points).
- Define electronegativity. How does it vary in the periodic table?
- What is a solution? Write types of solutions with examples.
- Define oxidation and reduction in terms of electron transfer.

Section C - Long Questions (most expected)

- Explain Rutherford gold foil experiment with diagram, observations and conclusions.
- Discuss the arrangement of elements in the modern periodic table (groups, periods, blocks).
- Explain the formation of ionic bond in NaCl and covalent bond in CH₄ with dot-cross diagrams.

Disclaimer

- This is a GUESS paper prepared by StudyPortal from repeated board questions and pairing schemes. It is for practice only and is NOT an official or leaked paper.