GENERAL SCIENCE — CLASS 9th

Annual Examination 2026 • Paper Pairing Scheme

Board: AJK (Mirpur) & Federal Board

TOTAL MARKS: 75	MCQs: 15	Short Questions: 36	Long Questions: 24

■ SHORT QUESTIONS | Attempt 12 out of 24 (SLO / OR Pattern)

Ch 1	Nature of Science	2	Medium
Ch 2	Cells & Tissues	2	Medium
Ch 3	Biodiversity & Classification	2	Medium
Ch 4	Structure of Atom	2	Medium
Ch 5	Chemical Bonding	2	Medium
Ch 6	States of Matter	5	HIGH ★
Ch 7	Fundamental Principles of Physics	6	HIGH ★★
Ch 8	Energy Resources	1	Low
Ch 9	Energy & Climate	2	Medium
	TOTAL	**24**	

■■ ***Exam Pattern:*** *Questions follow the* ***OR (SLO-based / Model Paper)*** *style — each question is paired; choose one from each pair.* ***Chapters 6 & 7 are the highest-priority chapters*** *for short-question marks.*

■ LONG QUESTIONS | Attempt 3 out of 5 (Paired)

Pair	Question A	OR	Question B	Note
Pair 1	Ch 3 — Biodiversity & Classification	**OR**	Ch 4 — Structure of Atom	*Reliable pairing*
Pair 2	Ch 7 — Principles of Physics	**OR**	Ch 5 — Chemical Bonding	*High-weight chapter*
Pair 3	Ch 6 — States of Matter	**OR**	Ch 8 — Energy Resources	*Numerical possible (Ch 8)*

■ PREPARATION PRIORITY GUIDE

Priority	Chapters	Reason

■ HIGH	**Chapter 6 & Chapter 7**	Combined 11 short Qs + significant long question weight. Master these for maximum marks.
■ MEDIUM	**Chapter 3 & Chapter 4**	Reliable pairing for a complete long question. Each also contributes 2 short questions.
■ MEDIUM	**Chapter 5 & Chapter 1, 2, 9**	Ch 5 appears in long pair with Ch 7. Chs 1, 2, 9 contribute 2 short Qs each.
■■ LOW	**Chapter 8**	Only 1 short question. May include a numerical. Appears in long pair with Ch 6.

■ KEY TOPICS VISUAL CHECKLIST

■ **Cells & Tissues (Ch 2)**	Understand the difference between cells and tissues. Know cell organelles.
■■ **Structure of Atom (Ch 4)**	Be able to draw simple atomic structures for the first 18 elements.
■ **Principles of Physics (Ch 7)**	Focus on base & derived quantities, scalar vs vector, and heat transfer (conduction, convection, radiation).
■ **States of Matter (Ch 6)**	Understand properties of plasma alongside solids, liquids, and gases. Know kinetic molecular theory.
■ **Biodiversity (Ch 3)**	Know the five-kingdom classification system and key examples.
■ **Chemical Bonding (Ch 5)**	Understand ionic vs covalent bonds with examples.
■ **Energy Resources (Ch 8)**	Be prepared for a possible numerical. Know renewable vs non-renewable sources.

*This pairing scheme is **100% valid for both Federal and AJK (Mirpur) Boards** for the 2026 First Annual Examinations. | Prepared for educational purposes only.*