PUNJAB EDUCATION, CURRICULUM, TRAINING AND ASSESSMENT AUTHORITY

Accelerated Learning Program (ALP) for Chemistry Grade-9 for Annual Exam- 2027

Note: All types of questions for BISE Examination paper will be prepared from the entire content of the textbook other than those topics and questions which have been excluded / deleted in the Smart Syllabus (ALP) for Chemistry-9 (Session 2026-27).

Chapter No.	Chapter Name	Topics and Questions Deleted
1	States of Matter and Phase of Change 2026-27	1.2 States of Matter (P 4-6) 1.4 Allotropic Forms of Substances (P-8) 1.8 Effect of Temperature on the Solubility of Solutes (P 11-13) **Multiple Choice Questions (MCQs): i, iv, vii, ix, x** **Short Answers Questions (SAQs): iii, v, iv, vii** **Constructed Response Questions (CRQs): i, ii, iv, v, vi, vii, viii** **Descriptive Questions (DQs): ii, iii, iv, v** Investigative Questions (IQs): ii
2	Atomic Structure	2.3 Isotopes and their Masses (Radioactive Isotopes, Applications of Radioactive Isotopes, Ionization of atoms by Radioactive Sources) (P 24-26) **Multiple Choice Questions (MCQs): iii, iv, vii, x** Short Answers Questions (SAQs): iv, v Constructed Response Questions (CRQs): iv, v **Descriptive Questions (DQs): i, ii, iii, iv** Investigative Questions (IQs): i
3	Chemical Bonding	3.6 Compare the Properties of Ionic and Covalent Compounds. (P - 44) 3.8 Nature of Bonding and Properties (P 46-48) Multiple Choice Questions (MCQs): v, ix Short Answers Questions (SAQs): ii, iv Constructed Response Questions (CRQs): v, vi Descriptive Questions (DQs): ii, iv, v Investigative Questions (IQs): i, ii
4	Stoichiometry	Multiple Choice Questions (MCQs): viii, ix, x Short Answers Questions (SAQs): ii Constructed Response Questions (CRQs): iv, v Descriptive Questions (DQs): iii Investigative Questions (IQs): i, ii
5	Energetics	Partial part of 5.3 Exothermic and Endothermic Reactions (from Last para at page 71-74) Multiple Choice Questions (MCQs): vi, vii, ix, x Short Answers Questions (SAQs): iv Constructed Response Questions (CRQs): i, iii Descriptive Questions (DQs): i, iv Investigative Questions (IQs): ii

6	Equilibria	6.3 Changing the Physical Conditions of a Chemical Reaction (P 86-89) Multiple Choice Questions (MCQs): iii, iv, vii, x Short Answers Questions (SAQs): ii, v Constructed Response Questions (CRQs): iv, v Descriptive Questions (DQs): iii, v Investigative Questions (IQs): i, ii
7	Acid Base Chemistry	7.5 Acid Rain and its Effects (P - 102) Multiple Choice Questions (MCQs): vii, x Short Answers Questions (SAQs): v Constructed Response Questions (CRQs): ii Descriptive Questions (DQs): iv, v Investigative Questions (IQs): i
8	Periodic Table and Periodicity	8.5 Metallic Character and Reactivity (P 114-115) Multiple Choice Questions (MCQs): viii, ix Short Answers Questions (SAQs): ix, x Constructed Response Questions (CRQs): v Descriptive Questions (DQs): iv, vi Investigative Questions (IQs): ii
9	Group Properties and Elements	9.5 Physical Properties of Metals and Non-Metals (P 124-125) Multiple Choice Questions (MCQs): viii, ix Short Answers Questions (SAQs): v **Constructed Response Questions (CRQs): iii, vi, vii** Descriptive Questions (DQs): iii, vi Investigative Questions (IQs): iii
10	Environmental Chemistry	10.4 Global warming (Greenhouse Effect) (P 136-139) 10.5 Strategies to Reduce Environmental Issues (P139-141) **Multiple Choice Questions (MCQs): i, iv, viii, ix** Short Answers Questions (SAQs): ii, iii, vi, vii Constructed Response Questions (CRQs): iii, iv, v **Descriptive Questions (DQs): ii, iii, iv, v** **Investigative Questions (IQs): i, ii, iii**
11	Hydrocarbons	11.4 Important reactions (P 151-153) **Multiple Choice Questions (MCQs): iii, vi, ix, x** Short Answers Questions (SAQs): iii, viii, ix Constructed Response Questions (CRQs): iv, v, **vi** Descriptive Questions (DQs): iii, v Investigative Questions (IQs): i
12	Empirical Data Collection and Analysis	Full chapter is deleted
13	Laboratory and Practical Skills	Full chapter is deleted