Smart Syllabus/Accelerated Learning Programme (ALP) Chemistry Grade-10 for Academic Session 2026-27 & BISE 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-10 (Academic Session 2026-27).

Chapter No.	Chapter Name	Deleted Topics and Exercise Questions	Page No.
14	States of Matter and Phase Changes	**14.3:** Heating and Cooling Curves **14.9:** Importance of Rates of Diffusion of Medicine in the Human Body Multiple Choice Questions (MCQs): 02 Short Answer Questions (SAQs): 14.4 Constructed Response Questions (CRQs): 14.4 Descriptive Questions (DQs): 14.3 Quick Check: Nil	(P 4-6) (P 12-13)
15	Stoichiometry	**15.6** Limiting Reactant **15.7** Yield Multiple Choice Questions (MCQs): 7 & 8 Short Answer Questions (SAQs): 15.5 Constructed Response Questions (CRQs): 15.1 & 15.3 Descriptive Questions (DQs): - Quick Check: 15.8 & 15.9 Numerical: 15.6, 15.7 & 25.8 Examples: 15.16, 15.17 & 15.18	(P 25-27) (P 27-28)

Chapter No.	Chapter Name	Deleted Topics and Exercise Questions	Page No.
16	Electrochemistry	**16.5** Oxidation-reduction Reaction	(P 38-39)
		16.8 Electrolysis of dilute and concentrated Aqueous solution of metal halide	(P 41-43)
		16.9 Electrolysis of concentrated Aqueous solution of metal halide	(P 43-44)
		16.10 Electrolysis of Molten lead (II) Chloride.	(P 44)
		16.11 Electrolysis of dilute solution of Sulphuric Acid using inert electrodes (Carbon or Pt)	(P 44-45)
		16.12 Electrolysis of dilute Aqueous solution of Copper Sulphate using inert electrodes or Copper Electrodes	(P-45)
		16.14 Corrosion	(P 47-48)
		16.17 Order of Reactivity of metals using Voltage Data	(P 52)
		Multiple Choice Questions (MCQs): 2, 3, 4, 7 & 9	
		Short Answer Questions (SAQs): Nil	
		Constructed Response Questions (CRQs): 16.4 & 16.8	
		Descriptive Questions (DQs): 16.5 & 16.7	
		Quick Check: 16.3 & 16.6	

Chapter No.	Chapter Name	Deleted Topics and Exercise Questions	Page No.
17	Reaction Kinetics	**17.2:** Change in mass during a chemical Reaction. **17.3:** Change in Temperature during a chemical Reaction **17.4:** Factors affecting the Rates of reaction **17.5:** Importance of chemical Kinetics in Food Industries Multiple Choice Questions (MCQs): 3 & 5 Short Answer Questions (SAQs): 17.2, 17.4, 17.5, 17.7, 17.9 & 17.10 Constructed Response Questions (CRQs): 17.2, 17.4, 17.6 & 17.7 Descriptive Questions (DQs): 17.1, 17.3, 17.4 & 17.5 Quick Check: 17.2 & 17.3	(P 57-58) (P 58-59) (P 59-63) (P 63-64)
18	Salts	**18.5 (b):** Reactions of acids with insoluble Base Multiple Choice Questions (MCQs): 5 Short Answer Questions (SAQs): 18.2, 18.3 & 18.4 Constructed Response Questions (CRQs): Nil Descriptive Questions (DQs): 18.4 Quick Check: 18.2 (2) Activity: 18.2 (P 72)	(P 71-72)

Chapter No.	Chapter Name	Deleted Topics and Exercise Questions	Page No.
19`	Nitrogen and Sulphur	**19.2:** Sulphuric Acid **19.5:** Reactivity Series of Metals **19.6:** Role of oxides of nitrogen in spreading air pollutants Multiple Choice Questions (MCQs): 2, 6 & 8 Short Answer Questions (SAQs): 19.3, 19.5, 19.6 & 19.7 Constructed Response Questions (CRQs): 19.2, 19.3, 19.4 & 19.5 Descriptive Questions (DQs): 19.2 & 19.5 Quick Check: 19.2, 19.5 & 19.6	(P 76-78) (P 82) (P 82-84)
20	Water	**20.5** Treatment of domestic Water **20.7:** Water Scarcity in Pakistan **20.8:** Elements essential in Plant growth Multiple Choice Questions (MCQs): 2 Short Answer Questions (SAQs): 20.5 & 20.6 Constructed Response Questions (CRQs): 20.2 & 20.4 Descriptive Questions (DQs): 20.1 Quick Check: 20.4	(P 91-92) (P 94) (P 94-95)

Chapter No.	Chapter Name	Deleted Topics and Exercise Questions	Page No.
21	Organic Chemistry	**21.4:** Isomerism **21.5:** Functional Groups **21.6:** (4. Alcohol), (5, Carboxylic Acid), (6 Esters) Multiple Choice Questions (MCQs): 4, 6, 7 & 8 Short Answer Questions (SAQs): 21.4, 21.5 & 21.7 Constructed Response Questions (CRQs): 21.3, 21.4 & 21.5 Descriptive Questions (DQs): 21.4 & 21.5 Quick Check: 21.4 & 21.6	(P 105) (P 106-107) (P 111-112)
22	Hydrocarbons	**22.4** Sources of Organic compounds **22.5:** Refining of Petroleum Multiple Choice Questions (MCQs): 2 ,6, & 8 Short Answer Questions (SAQs): 22.2 Constructed Response Questions (CRQs): Nil Descriptive Questions (DQs): 22.2 & 22.3 Quick Check: Nil	(P 121-122) (P 122-124)
23	Monohydroxy alkane & alcohols	**23.3** Applications of alcohols as fuels **23.4** Role of Ethanol in industries **23.5:** Impact of alcohols on daily life Multiple Choice Questions (MCQs): 4, 5, 7, 8 Short Answer Questions (SAQs): 23.1, 23.2 & 23.3 Constructed Response Questions (CRQs): Nil Descriptive Questions (DQs): 23.3 Quick Check: 23.4	(P 129-130) (P 130-131) (P 131)

Chapter No.	Chapter Name	Deleted Topics and Exercise Questions	Page No.
24	Carboxylic Acid	**24.4:** Industrial Applications of carboxylic Acid and esters **24.5:** Carboxylic Acid and esters in daily life Multiple Choice Questions (MCQs): 4, 5, 8 & 09 Short Answer Questions (SAQs): 24.4, 24.5, 24.6 & 24. 7 Constructed Response Questions (CRQs): 24.2, 24.3 & 24.4 Descriptive Questions (DQs): 24.2, 24.3 & 24.5 Quick Check: Nil	(P 137-138) (P 138-139)
25	Biochemistry	**25.5:** Vitamins (P 148-149) **25.7:** Applications of Biochemistry Multiple Choice Questions (MCQs): 5 & 6 Short Answer Questions (SAQs): 25.3, & 5.6 Constructed Response Questions (CRQs): 25.4 Descriptive Questions (DQs): Nil Quick Check: 25.6	(P 148-149) (P 149-151)
26	Polymers	**26.3:** Plastics (P 158) **26.4**: Importance of polymers in the textile industry **26.5:** Adverse effects of Plastics Multiple Choice Questions (MCQs): 5 & 6 Short Answer Questions (SAQs): 26.3 & 26.4 Constructed Response Questions (CRQs): 26.1 & 26.2 Descriptive Questions (DQs): 26.4 & 26.5 Quick Check: Nil	(P 158) (P 158-159) (P159-160)

List of Excluded Practicals of Chemistry-9 For Academic Session 2026-2027

- To demonstrate that temperature affects the solubility.
- To separate a given mixture by physical methods.
- To prepare 100 cm^3 of 0.1 mol dm^{-3} sodium hydroxide (NaOH) solution.
- To prepare 100 cm^3 of 0.1 mol dm^{-3} sodium carbonate (Na_2CO_3) solution.
- To prepare 250 cm^3 of 0.1 mol dm^{-3} HCl solution.

List of Excluded Practicals of Chemistry-10 For Academic Session 2026-2027

- To identify carboxylic acids using sodium carbonate test.
- To standardize the given NaOH solution volumetrically.
- To demonstrate the conductivity of given different solutions.
- To demonstrate the thermal decomposition of sugar.