PUNJAB EDUCATION, CURRICULUM, TRAINING AND ASSESSMENT AUTHORITY

10th Class Chemistry Smart Syllabus 2027

Accelerated Learning Program (ALP) for Chemistry Grade-10 — Annual Exam 2026-27

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 (Session 2026-27).

Chapter No.	Chapter Name	Topics and Questions Deleted
14	**States of Matter and Phase of Change**	**14.3:** Heating and Cooling Curves (P 4-6) **14.9:** Importance of Rates of Diffusion of Medicine in Human Body (P 12-13) Multiple Choice Questions (MCQs): **—** Short Answer Questions (SAQs): **14.4** Constructed Response Questions (CRQs): **14.4** Descriptive Questions (DQs): **14.3** Quick Check: **—**
15	**Stoichiometry**	**15.6:** Limiting Reactants (P 25-27) **15.7:** Yield (P 27-28) Multiple Choice Questions (MCQs): **07, 08** 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**
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 Multiple Choice Questions (MCQs): **2, 3, 4, 7 & 9** Short Answer Questions (SAQs): **—** 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	Topics and Questions Deleted
17	**Reaction Kinetics**	**17.2:** Change in mass during a chemical Reaction (P 57-58) **17.3:** Change in Temperature during a chemical Reaction (P 59) **17.4:** Factors affecting the Rates of reaction (P 59-63) **17.5:** Importance of Chemical Kinetics in Food Industries (P 63-64) Multiple Choice Questions (MCQs): **05** Short Answer Questions (SAQs): **17.2, 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**
18	**Salts**	**18.5 (b):** Reaction of acids with insoluble Base (P 71-72) Multiple Choice Questions (MCQs): **05** Short Answer Questions (SAQs): **18.2, 18.3 & 18.4** Constructed Response Questions (CRQs): **—** Descriptive Questions (DQs): **18.4** Quick Check: **18.2 (b)** Activity: **18.2 (P 72)**
19	**Nitrogen and Sulphur**	**19.2:** Sulphuric Acid (P 76-78) **19.5:** Reactivity Series of Metals (P 82) **19.6:** Role of oxides of nitrogen in spreading pollutants (P 82-84) Multiple Choice Questions (MCQs): **02 & 06** 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, 19.3 & 19.5** Quick Check: **19.2, 19.5 & 19.6**
20	**Water**	**20.5:** Treatment of domestic Water (P 91-92) **20.7:** Water Scarcity in Pakistan (P 94) **20.8:** Elements essential in Plant growth (P 94-95) Multiple Choice Questions (MCQs): **02** 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**
21	**Organic Chemistry**	**21.4:** Isomerism (P 105) **21.5:** Functional Group (P 106-107) **21.6:** (4. Alcohol), (5. Carboxylic Acid), (6. Esters) (P 111-112) 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): **4 & 5** Quick Check: **21.4 & 21.6 (1, 2, 4, 7 & 8)**

Chapter No.	Chapter Name	Topics and Questions Deleted
22	**Hydrocarbons**	**22.5:** Refining of Petroleum (P 121-123) Multiple Choice Questions (MCQs): **2, 6 & 8** Short Answer Questions (SAQs): **22.2** Constructed Response Questions (CRQs): **—** Descriptive Questions (DQs): **02 & 03** Quick Check: **—**
23	**Monohydroxy Alkane & Alcohol**	**23.4:** Role of Ethanol in industries (P 130-131) **23.5:** Impact of alcohol in daily life (P 131) Multiple Choice Questions (MCQs): **5, 6, 7 & 8** Short Answer Questions (SAQs): **23.2 & 23.3** Constructed Response Questions (CRQs): **—** Descriptive Questions (DQs): **23.3** Quick Check: **—**
24	**Carboxylic Acid**	**24.4:** Industrial Applications of Carboxylic Acid and esters (P 137-138) **24.5:** Carboxylic Acid and esters in daily life (P 138-139) Multiple Choice Questions (MCQs): **4, 5, 8 & 9** Short Answer Questions (SAQs): **24.4, 24.5, 24.6 & 24.7** Constructed Response Questions (CRQs): **24.2, 24.3 & 24.5** Descriptive Questions (DQs): **24.2, 24.3 & 24.5** Quick Check: **—**
25	**Biochemistry**	**25.5:** Vitamins (P 148-149) **25.7:** Applications of Biochemistry (P 149-151) Multiple Choice Questions (MCQs): **5 & 6** Short Answer Questions (SAQs): **25.3, 25.4, 25.5, 25.6** Constructed Response Questions (CRQs): **25.4** Descriptive Questions (DQs): **—** Quick Check: **25.6**
26	**Polymers**	**26.3:** Plastics (P 158) **26.4:** Importance of polymers in textile (P 158-159) **26.5:** Adverse effect of Plastics (P 159-160) 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: **—**