Worksheet: Aldehydes, Ketones, and Carboxylic Acids

Gujarat State Board · Class 12 · Chemistry · 5 questions · 12 marks

Name: _____ Date: _____ Score: _____ / 12

Q1. Distinguish between ethanal and acetone. *[2 marks]*

Q2. Predict the product: C6H5CHO + conc. NaOH. *[2 marks]*

Q3. Which is more reactive towards nucleophilic addition, CH3CHO or C6H5COCH3, and why? *[3 marks]*

Q4. Arrange in increasing order of acidity: CH3COOH, CCl3COOH, HCOOH, C6H5COOH. *[3 marks]*

Q5. What happens when acetaldehyde is treated with dilute NaOH? *[2 marks]*