

Worksheet: Aldehydes, Ketones, and Carboxylic Acids

ISC · Class 12 · Chemistry · 5 questions · 12 marks

Name: _____

Date: _____

Score: _____ / 12

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

Q2. Predict the product: $\text{C}_6\text{H}_5\text{CHO} + \text{conc. NaOH}$. [2 marks]

Q3. Which is more reactive towards nucleophilic addition, CH_3CHO or $\text{C}_6\text{H}_5\text{COCH}_3$, and why? [3 marks]

Q4. Arrange in increasing order of acidity: CH_3COOH , CCl_3COOH , HCOOH , $\text{C}_6\text{H}_5\text{COOH}$. [3 marks]

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