# Worksheet: Aldehydes, Ketones, and Carboxylic Acids

Uttar Pradesh 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]*