**A. Acid-Base reactions**

Complete the net ionic equation for the reaction below. Use curved arrows to show the flow of electron pairs. Determine the direction of equilibrium (We’ll focus on this last point.).

1. \( \text{CH}_3\text{NH}_2 + \text{H}_2\text{O} \)

2. \( \text{NH}_3 + \text{CH}_3\text{COOH} \)

**B. Factors in determining the relative acidities of organic acids**

1. List down the factors and write down the relationship between the factors and the acidities.
   (Eg: Size : Bigger atoms have _____ acidity. OR The bigger the atoms, the XXX the acidities.)

(a) ___________________________

(b) __________________________

(c) _____________________________

(d) _____________________________