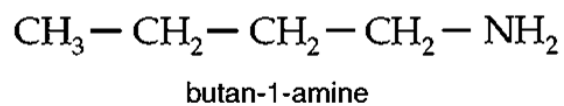
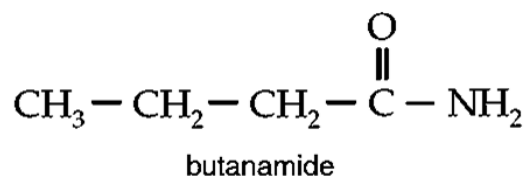


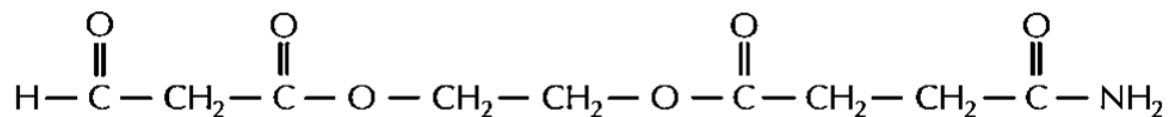
Quiz (Amides)

1. Suggest a chemical test to distinguish between the following pair of compounds:

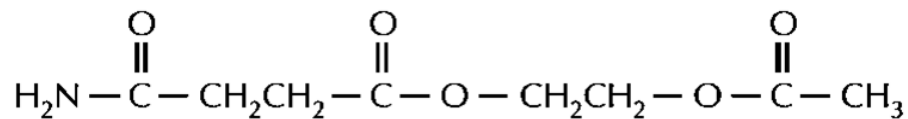


2. Write the structural formulae of the products of the following reactions.

(a) Acid hydrolysis of



(b) Alkaline hydrolysis of



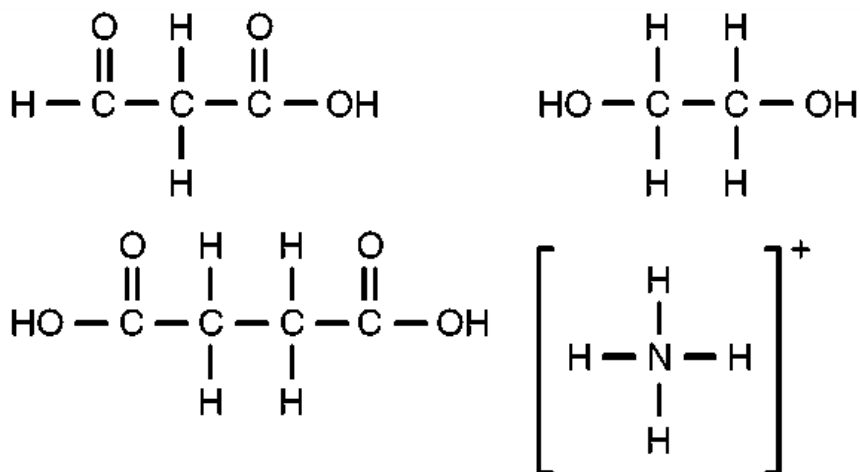
Suggested Answer

1. Heat the compounds with sodium hydroxide solution separately.

Butanamide can react with sodium hydroxide to give a colourless gas which has a pungent smell. The gas can turn moist red litmus paper blue.

However, there is no observable change when butan-1-amine is heated with sodium hydroxide solution.

2. (a)



- (b)

