

Q2 Which of the following statements concerning methylamine is correct?

- a) Methyl amine is stronger base than NH_3
- b) Methyl amine is less basic than NH_3
- c) Methyl amine is slightly acidic
- d) Methyl amine forms salts with alkali

Answer: a

Explanation: Due to the +I effect, the presence of an alkyl group enhances the electron density on the nitrogen atom. As a result, basic nature grows.