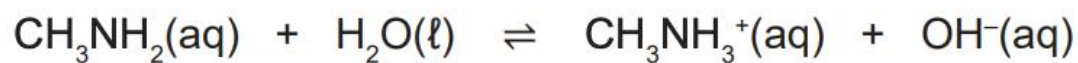


8. Consider the hydrolysis equation below.



Which of the following are conjugate acid-base pairs?

- (i) CH_3NH_2 and H_2O
- (ii) CH_3NH_2 and CH_3NH_3^+
- (iii) H_2O and OH^-
- (iv) CH_3NH_3^+ and OH^-

- (a) ii only
- (b) ii and iii only
- (c) i and iv only
- (d) i, ii, iii and iv