

10. Which one of the following represents a conjugate acid-base pair?

- (a)  $\text{N}^{3-}/\text{CN}^-$
- (b)  $\text{NH}_3/\text{NH}_2^-$
- (c)  $\text{CH}_3\text{CH}_2\text{OH}/\text{CH}_3\text{CHO}$
- (d)  $\text{H}_3\text{PO}_4/\text{PO}_4^{3-}$