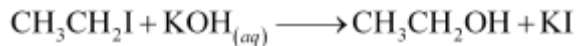


Chapter 12 – Organic Chemistry Some Basic Principles and Techniques
Class XI

Chemistry

(c) elimination (d) addition

Answer



It is an example of nucleophilic substitution reaction. The hydroxyl group of KOH (OH^-) with a lone pair of itself acts as a nucleophile and substitutes iodide ion in $\text{CH}_3\text{CH}_2\text{I}$ to form ethanol.