

Q6. The gas evolved when methylamine reacts with nitrous acid is _____.

(i) NH_3

(ii) N_2

(iii) H_2

(iv) C_2H_6

Ans. (ii) N_2

Explanation: Primary aliphatic amines react with nitrous acid to form aliphatic diazonium salts which being unstable, liberate nitrogen gas quantitatively and alcohol