

Q3 The reaction $\text{Ar} + \text{N}_2 \text{Cl}^- \xrightarrow{\text{Cu/HCl}} \text{ArCl} + \text{N}_2 + \text{CuCl}$ is named as

- . (i) Sandmeyer reaction
- (ii) Gatterman reaction
- (iii) Claisen reaction
- (iv) Carbylamine reaction

ANSWER: OPTION (ii) Gatterman reaction