



Complete reduction of benzene-diazonium chloride with  $Zn/HCl$  gives:

- A) Aniline
- B) Phenylhydrazine
- C) Azobenzene
- D) Hydrazobenzene

**Correct Answer:** A

**Solution :**

[a] On reduction with Zn and  $HCl$ ,  $C_6H_5N_2Cl$  forms aniline as the main product.