

17. Reduction of aromatic nitro compounds using Fe and HCl gives.

- (A) aromatic oxime
- (B) aromatic hydrocarbon
- (C) aromatic primary amine
- (D) aromatic amide

Ans: (C)

Using active metals like iron in acidic conditions can be efficiently used for the reduction of nitro compounds.

Under the acidic conditions, the intermediate compounds that may form are readily reduced to primary amine and pure product of primary amine is obtained.

