Q2 Reduction of aromatic nitro compounds using Fe and HCl gives .

- (a) aromatic oxime
- (b) aromatic hydrocarbon
- (c) aromatic primary amine
- (d) aromatic amide

Solution: (c)

$$NO_2$$
 $+ 6[H] \xrightarrow{Fe/HCl} + 2H_2O$