A compound 'A' when treated with HNO_3 (in presence of H_2SO_4) gives compound 'B' which is then reduced with Sn and HCl to aniline? The A) toluene

Correct Answer: B Solution : [b] $A \xrightarrow{HNO_3/H_2SO_4} B \xrightarrow{Sn/HCl} C_6H_5NH_2$ This indicates that B is $C_6H_5NO_2$ and hence A is C_6H_6

B) benzene

C) ethane

D) acetamide