In a set of reactions p-nitrotoluene yielded a product E.

 $CH_3$   $B_{0}$   $FeB_{0}$  F

The product E would be:

Correct Answer:  ${\sf B}$  Solution :

$$[b] \xrightarrow{\text{Re}_{j}} \xrightarrow{\text{Re}_{j}} \xrightarrow{\text{CH}_{3}} \xrightarrow{\text{Br}} \xrightarrow{\text{SarHCl}} \xrightarrow{\text{CH}_{3}} \xrightarrow{\text{Br}} \xrightarrow{\text{NaNO}_{j}} \xrightarrow{\text{Pr}} \xrightarrow{\text{Re}_{j}} \xrightarrow{\text{Re}_{j}} \xrightarrow{\text{CH}_{3}} \xrightarrow{\text{Re}_{j}} \xrightarrow{\text{Re}_{$$