

CHEMISTRY

BOOKS - MS CHOUHAN CHEMISTRY (HINGLISH)

REACTIONS OF NITRENE AND ELECTRON DEFICIENT OXYGEN

Additional Objective Questions Single Correct Choice Type

A. 📄

В. 📄

C. 📝

D. All

Answer: D

A. $CH_3 - C \equiv H$

C. $CH_2 - \overline{N} = \overline{C}$

Answer: D

 $D. CH_3 - N \Longrightarrow (C)$

View Text Solution

3. In the reaction sequence:

[X], [Y] and [Z] respectively be:

B. $CH_3 - NH - NH_3$

2.

The nitrogen containing compound is

 $CH_3NH_2 + CHCl_3 + KOH \rightarrow \text{Nitrogen containing compound} + KCl +$

 $C_6H_5CHO \stackrel{NH_2OH\,/\,H^{\,+}}{\longrightarrow} [X] \stackrel{P_2O_3\,/\,\Delta}{\longrightarrow} [Y] \stackrel{H_2O\,/\,H^{\,+}}{\longrightarrow} [Z]$

A.
$$C_6H_5CH=N-OH, C_6H_5CN, C_6H_5COOH$$

B. $C_6H_5CH = NOH$, $C_6H_5CONH_2$, C_6H_5COOH

$$\mathsf{C.}\,C_6H_5-CH=NOH,C_6H_5COOH,C_6H_5CONH_2$$

D.
$$C_6H_5-CH=NOH, C_6H_5COOH, C_6H_5CN$$

Answer: B



View Text Solution

4.
$$Ph-\stackrel{O}{\overset{||}{C}}_{14}-CHN_2-\stackrel{Ag_2O}{\overset{H_2O}{\longrightarrow}}(P).$$
 Product (P) is

A.
$$Ph-\overset{14}{C}H_2-CO_2H$$

C.
$$Ph-\overset{14}{C}O_2H$$

B. $Ph-CH_2-\overset{14}{C}O_2H$

D.
$$Ph-CO_2H$$

Answer: B



View Text Solution

5. Which one of the following is called a carbylamine?

 $\mathsf{A.}\,RCN$

 $\mathsf{B.}\,RCONH_2$

 $\mathsf{C}.RCH = NH$

 $\mathsf{D}.\,RNC$

Answer: D



View Text Solution