Vidyamandir Classes
Gurukul for IIT/JEE & Medical Preparation

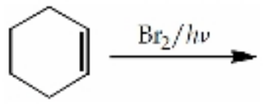
Date Planned : __ / __ / __	Daily Tutorial Sheet-8	Expected Duration : 45 Min
Actual Date of Attempt : __ / __ / __	JEE Advanced Archive	Exact Duration :_____

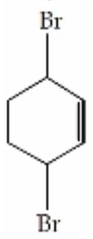
106. The reaction of propene with $HOCl(Cl_2 + H_2O)$ proceeds through the intermediate : **(2016)**

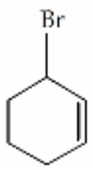
(A) $CH_3 - CH^+ - CH_2 - Cl$ **(B)** $CH_3 - CH(OH) - CH_2^+$

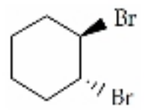
(C) $CH_3 - CHCl - CH_2^+$ **(D)** $CH_3 - CH^+ - CH_2 - OH$

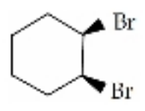
107. Bromination of cyclohexene under condition given below yields : **(2016)**



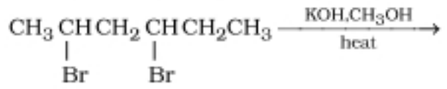
(A) 

(B) 

(C) 

(D) 

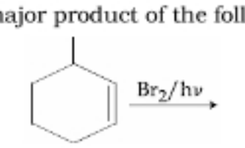
108. The major product of the following reaction is : **(2017)**

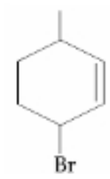


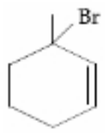
(A) $CH_2 = CHCH_2CH = CHCH_3$ **(B)** $CH_2 = CHCH = CHCH_2CH_3$

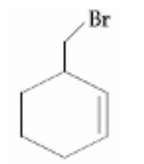
(C) $CH_3CH = C = CHCH_2CH_3$ **(D)** $CH_3CH = CH - CH = CHCH_3$

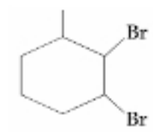
109. The major product of the following reaction is : **(2017)**



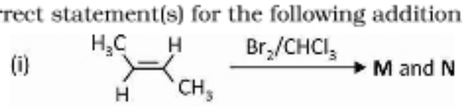
(A) 

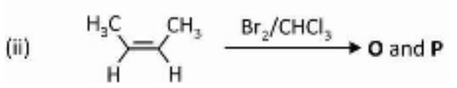
(B) 

(C) 

(D) 

110. The correct statement(s) for the following addition reactions is(are) : **(2017)**

(i) 

(ii) 

(A) (**M** and **O**) and (**N** and **P**) are two pairs of enantiomers

(B) **O** and **P** are identical molecules

(C) Bromination proceeds through trans-addition in both the reactions

(D) (**M** and **O**) and (**N** and **P**) are two pairs of diastereomers