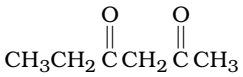
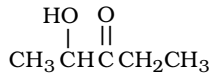
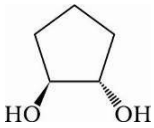
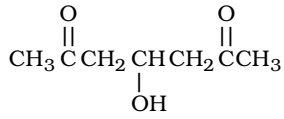
Date Planned : __ / __ / __	Daily Tutorial Sheet-10	Expected Duration : 30 Min
Actual Date of Attempt : __ / __ / __	Level-2	Exact Duration :_____

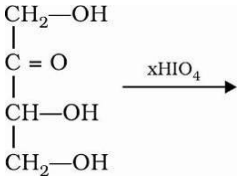
116. Which can be cleaved by HIO_4 ?

(A) 

(B) 

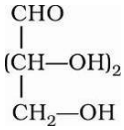
(C) 

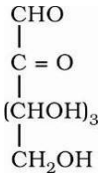
(D) 

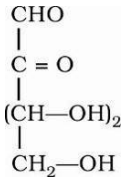
117. 
x is moles of HIO_4 consumed :

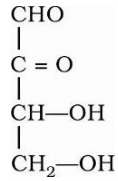
(A) x = 3 **(B)** x = 2 **(C)** x = 4 **(D)** x = 1

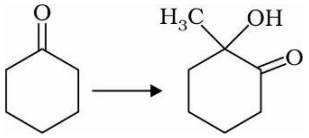
118. Which of the following compound gives HCHO, CO_2 and three moles of HCO_2H when oxidized by periodic acid ?

(A) 

(B) 

(C) 

(D) 

119. 

(1) (i) CH_3MgBr (ii) H_3O^+ **(2)** $KMnO_4$(cold dil.)

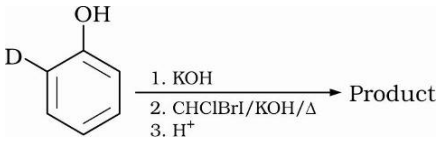
(3) CrO_3 **(4)** H^+ / Δ

For the above conversion the correct order of reagents used is :

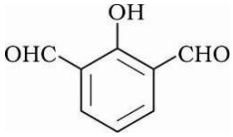
(A) $1 \to 2 \to 3 \to 4$ **(B)** $1 \to 4 \to 3 \to 2$ **(C)** $1 \to 4 \to 2 \to 3$ **(D)** $2 \to 3 \to 4 \to 1$

***120.** Which of the following are cleaved by HIO_4 ?

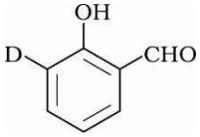
(A) Glycerol **(B)** Glycol **(C)** 1, 3-Propenediol **(D)** THF

121. 

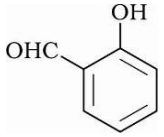
The major product is :



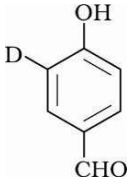
(A)



(B)

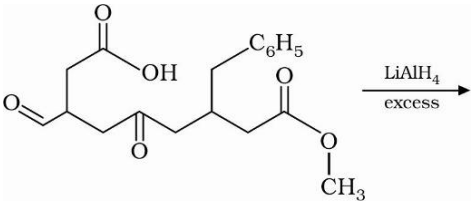


(C)



(D)

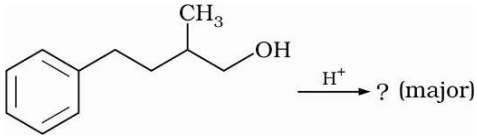
***122.** Which of the following is correct about the given reaction :

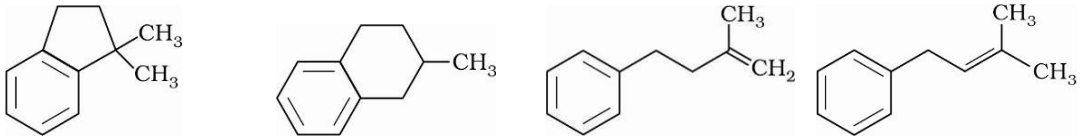


(A) Reactant has four functional groups **(B)** Product is tetrahydroxy compound

(C) Product has three primary alcohol groups **(D)** Product can't be oxidised by MnO_2

123.

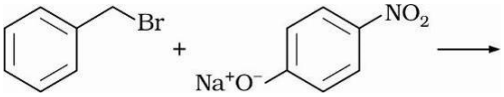




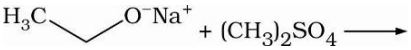
(A) **(B)** **(C)** **(D)**

***124.** Which method is useful synthesis of ether ?

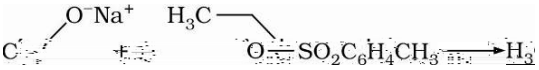
(A)



(B)

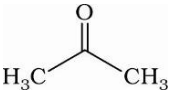
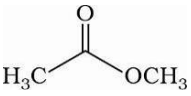
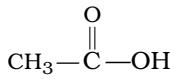
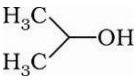


(C)



(D) $(CH_3)_3CBr + CH_3CH_2ONa \longrightarrow$

125. Match the following :

	Column I		**Column II**
(A)		**(p)**	Reduction by $LiAlH_4$
(B)		**(q)**	Reduction by $NaBH_4$
(C)		**(r)**	Positive Iodoform
(D)		**(s)**	Reacts with Na to evolve H_2 gas