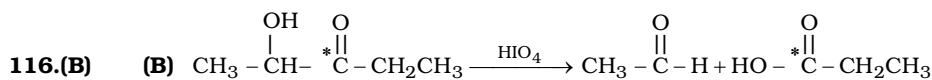


Daily Tutorial Sheet-10

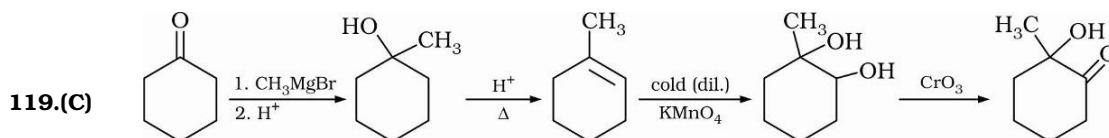
Level-2



(C) can not form cyclic intermediate with  $\text{HIO}_4$  as it is a trans type diol. Hence it does not undergo cleavage.

117.(A) x will be same as number of bonds which can be cleaved

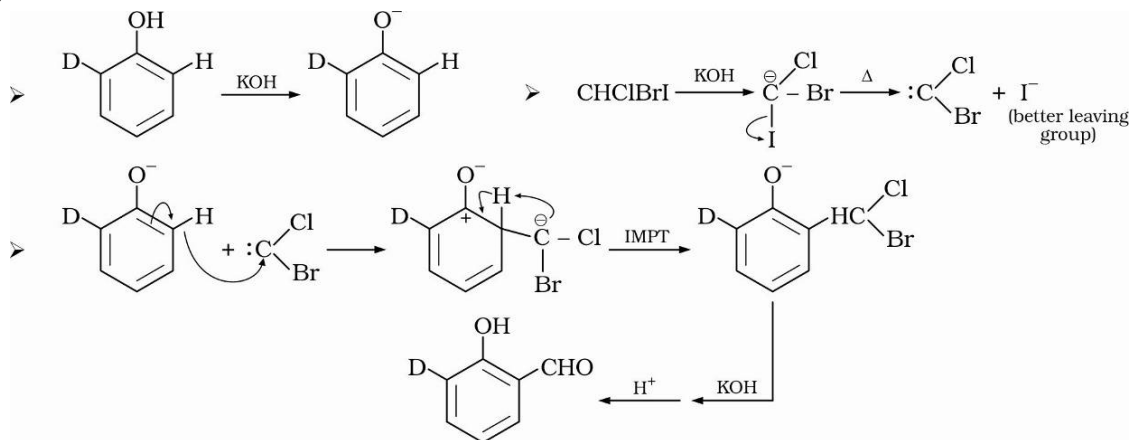
118.(C)



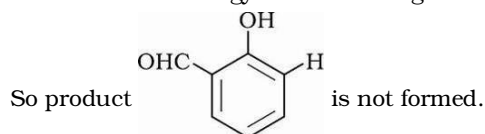
(Only 2° alcohol undergo oxidation)

120.(AB)  $\text{HIO}_4$  will not oxidise non-vicinal diols and not used for cleavage of ethers.

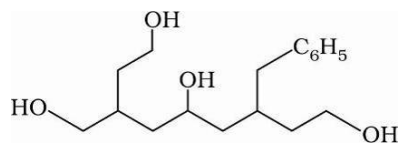
121.(B) Visualise mechanism of Reimer Tiemann reaction.



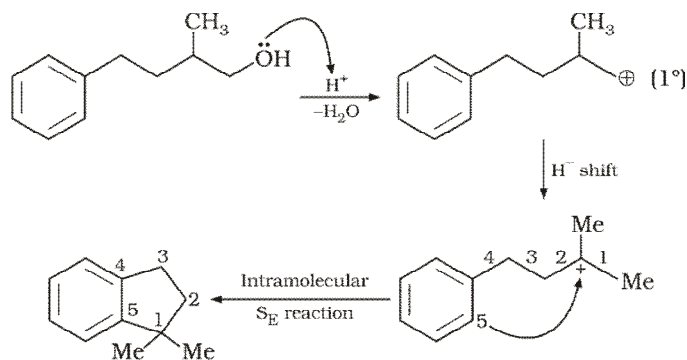
Note that bond energy of C - D is higher than C - H, so during IMPT, it is easier to break C - H bond.



122.(ABCD)  $\text{MnO}_2$  oxidise only allylic and benzylic alcohols.

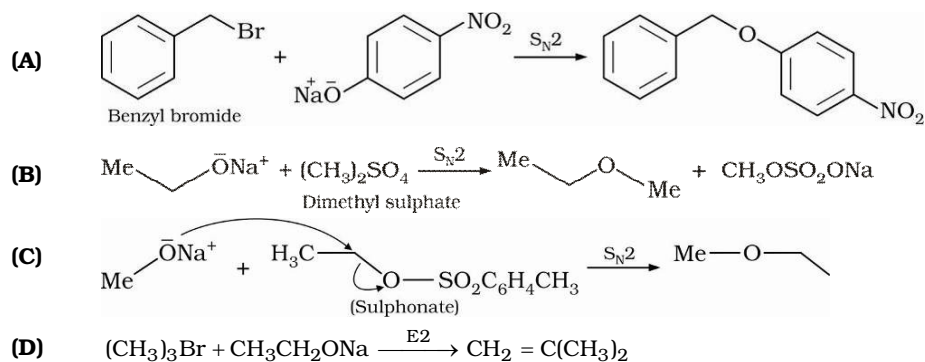


123.(A)



Alcohols also give F.C. alkylation.

124.(ABC)



125.

[A-p, q, r]

[B-p]

[C-p, s]

[D-r, s]