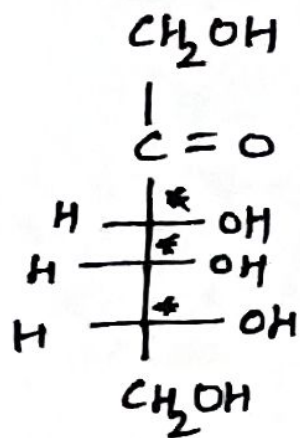


\* Let  $Z$  be total no. of stereoisomers of 2 keto hexose. find  $Z/4$ . (considering open chain structure)

sol<sup>n</sup>.



There are 3 chiral carbons in 2 keto hexose open chain.

$$\text{so, } Z = 2^3 = 8.$$

$$\therefore Z/4 = \boxed{2}$$