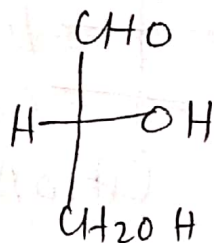
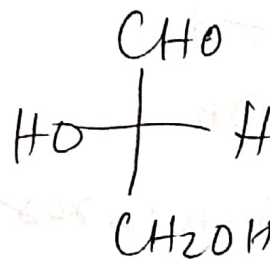


D/L - Designation

- This Designation is given relative to the designation of glyceraldehyde
- It is based on the ~~the~~ assumption that last chiral carbon of carbohydrate has same configuration as glyceraldehyde in Fischer projection



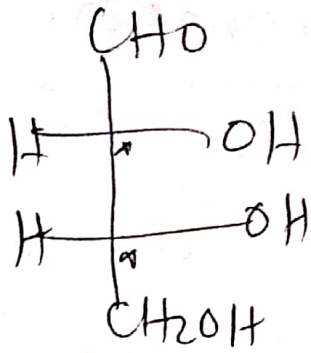
D-glyceraldehyde



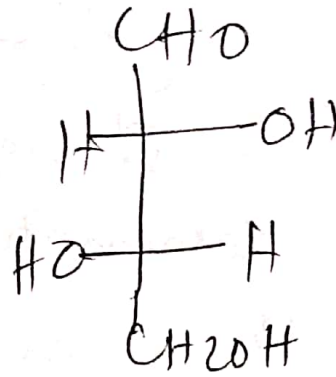
L-glyceraldehyde

D-form of carbohydrates - When OH group on the ^{chiral} carbon atom is on the right side in Fischer projection it is designated as D-form

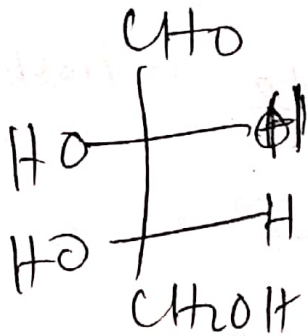
L-form - When OH group on the (last) chiral carbon atom is on the left side in Fischer formula it is designated as L-form.



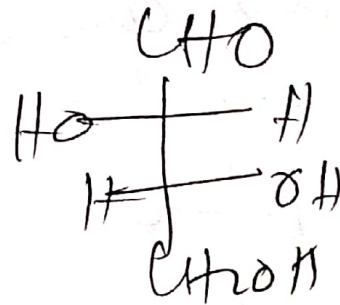
D-Erythrose



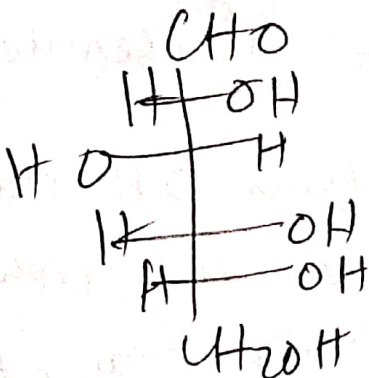
L-Throse



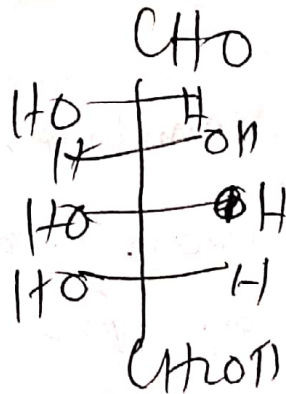
L-Erythrose



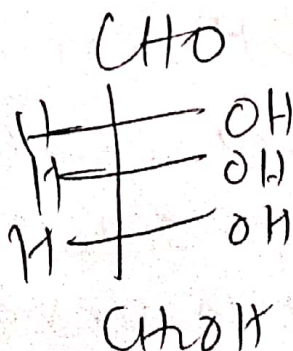
D-Throse



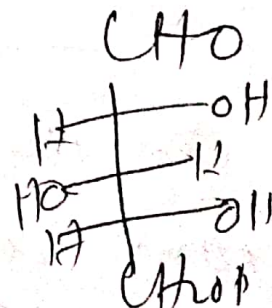
D-glucose



L-glucose



D-Ribose



D-Xylose