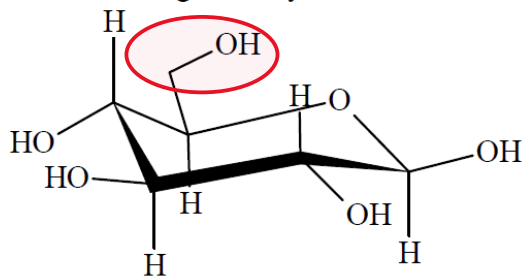


4. The following carbohydrate is



- (A) a ketohexose
- (C) an α -furanose

- (B) an aldohexose
- (D) an α -pyranose

Sol. (B)

Since it has 6 carbon atoms it is a hexose. Also out of the two carbons attached to the oxygen atom of the ring, only 1 has a CH_2OH group attached to it (the circled one). Hence it is an aldohexose.