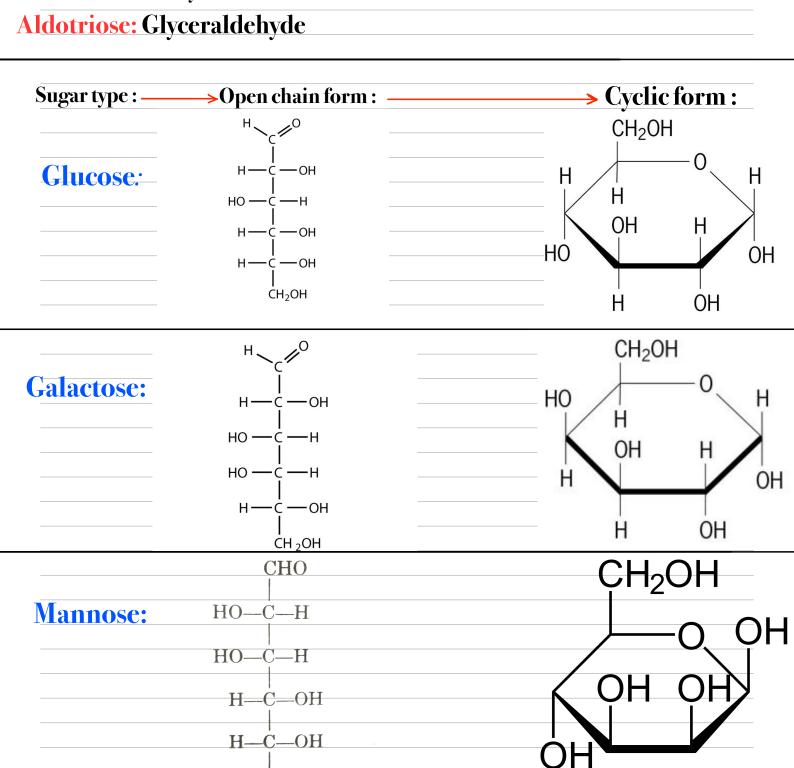


Monosaccharides-Aldoses:

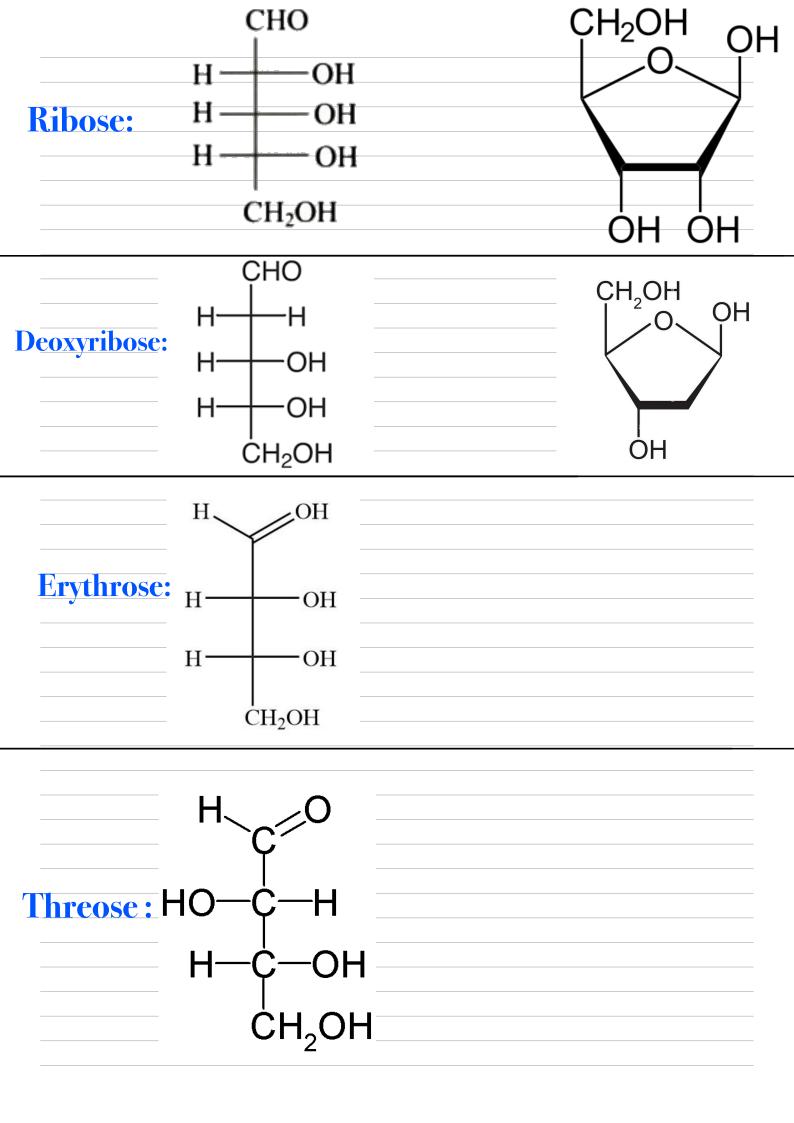
Aldohexoses: Glucose, Galactose and Mannose

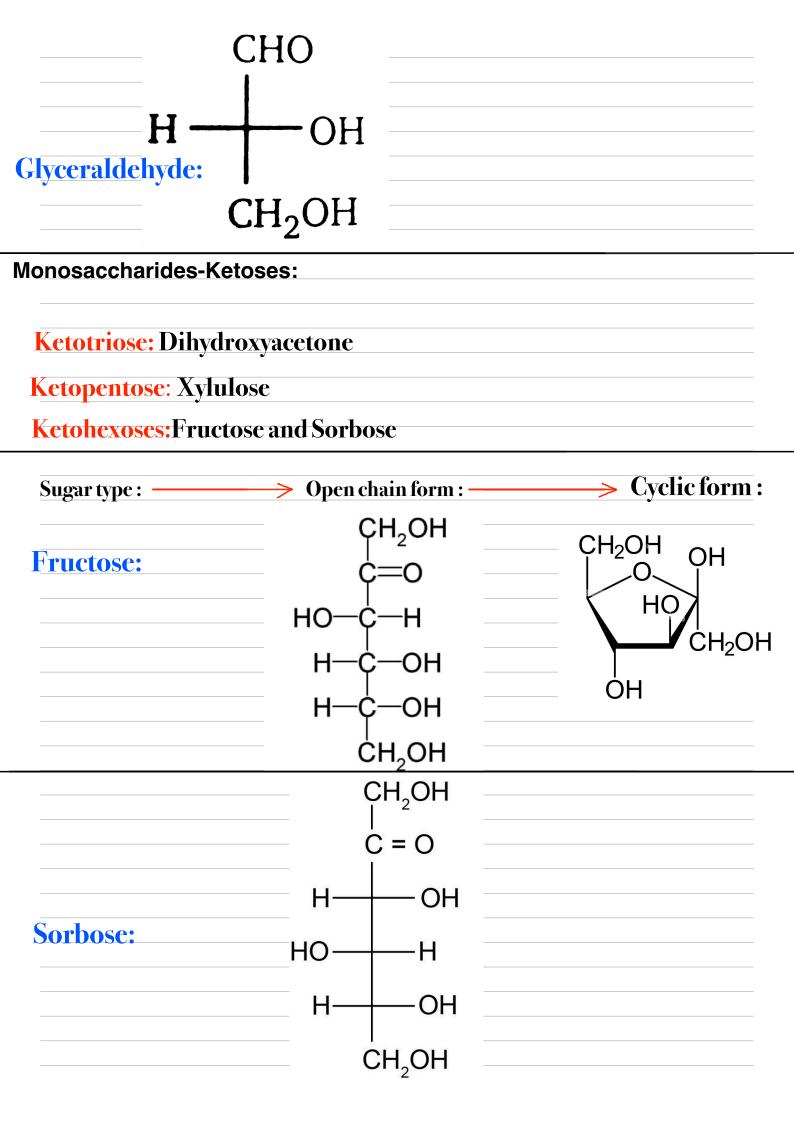
Aldopentoses: Ribose and Deoxyribose

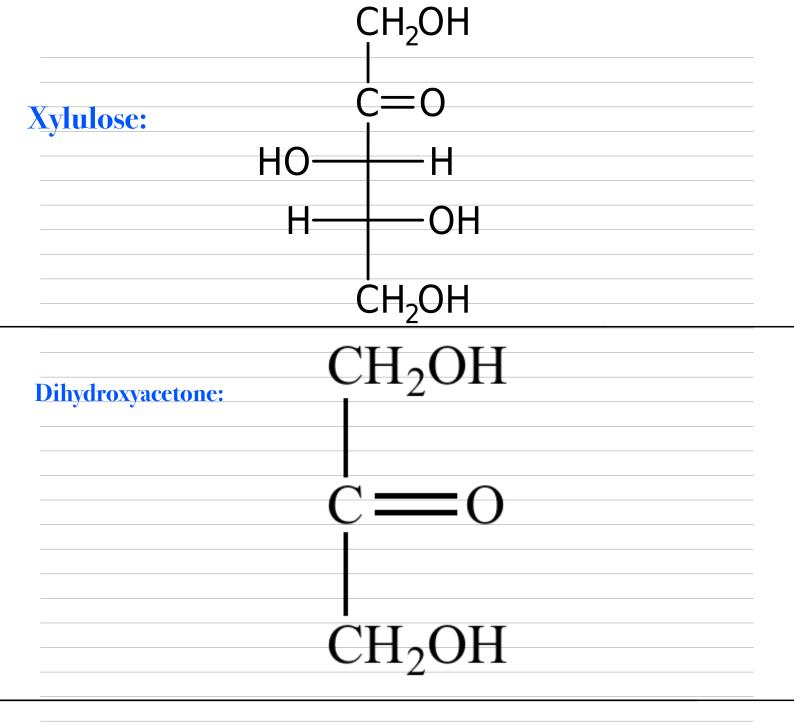
Aldotetroses: Erythrose and Threose



CH₂OH

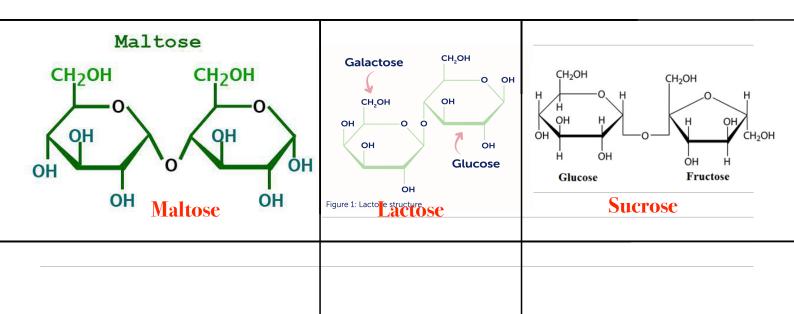


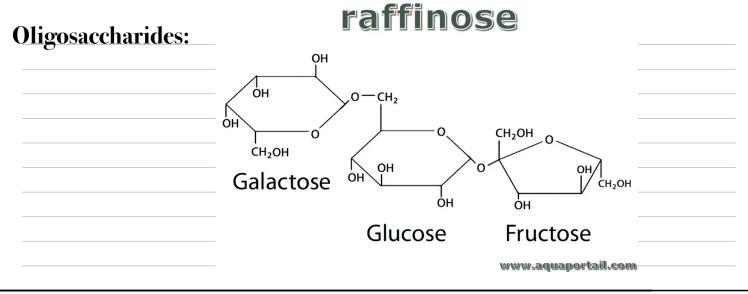




Disaccharides:

Maltose, Lactose and Sucrose.





Polysaccharides:	
Starch (Amylopectin&Amylose)	
Glycogen	→ For energy storage
Dextran	Homopolysaccharides
Cellulose	For structural support
Chitin	Homopolysaccharides
StarchIn plants GlycogenIn animals CelluloseIn plants	
Amylose	
Chitin ———————————————————————————————————	ched
Cellulose	
Amylopectin	
Glycogen ————————————————————————————————————	
Dextran	

Amylopectin: Its glucose molecules are linked together by **Alpha-1-4 glycosidic bonds** and its branches by **Alpha-1-6 glycosidic bonds** and it is branched every **25 residues**

Glycogen: Its glucose molecules are linked together by **Alpha-1-4 glycosidic bonds** and its branches by **Alpha-1-6 glycosidic bonds** and it is branched every **10 residues**

Dextran: Its glucose molecules are linked together by **Alpha-D-1-6 glycosidic bonds** and its branches by **1-3 or 1-2 or 1-4 glycosidic bonds**

