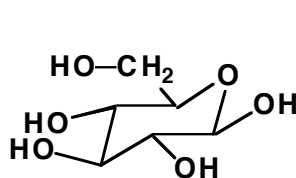
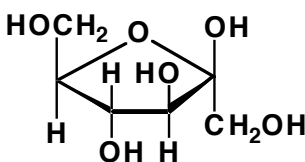


- 1) Identify the following from the choice of molecules (more than one answer is possible and probable). NOTE: this is a very tough problem to get *completely* correct! The best way to approach this is to take each molecule and see if 1-10 apply to it before moving on to the next molecule.

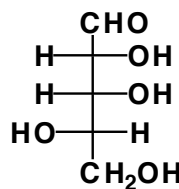
1) Aldohexoses	A	Any letter in brackets indicates a match based on the assumption that the sugar is in equilibrium with its open chain and ring forms
2) Hemiacetals	A, E, G [C]	
3) $\beta$ -anomers	A, B, E [C]	
4) mutarotates in $H_2O$	A, B, C, E, G	
5) From the D series of sugars	A, B, D, E, G	
6) Reducing sugars	A, B, C, D, E, G	
7) Glycosides	E, F	
8) Acetals	E, F	
9) Pyranoses	A, F	
10) Furanoses	B, G [C]	



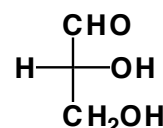
A



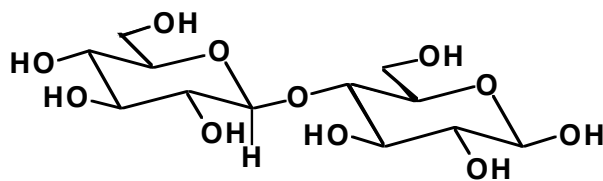
B



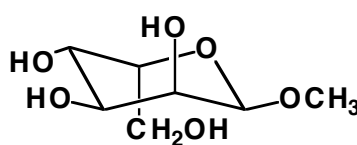
C



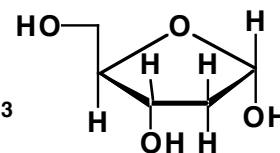
D



E



F



G