



Scientific team

Molecular biology quiz 2 -hayat batch-Dr.Ahmad salem

1. A Pyran ring is a:
 - A. 6 membered ring having 4 carbons.
 - B. 5 membered ring having 5 carbons.
 - C. 5 membered ring having 4 carbons.
2. The anomeric carbon is:
 - A. C2 in glucose
 - B. C1 in fructose
 - C. C2 in ribose
 - D. C2 in sedoheptulose
3. The link btwn carbonyl group and alcohol group of fructose is called:
 - A. Hemiacetal link
 - B. Hemiketal link
 - C. Glycosidic bond
4. The most stable and common form of glucose is:
 - A. alpha D glucose
 - B. beta D glucose
 - C. alpha L glucose
 - D. beta L glucose
5. Aldaric refers to:
 - A. oxidation of aldehyde group only
 - B. oxidation of primary group only
 - C. oxidation of both aldehyde and primary group
6. phytic acid is a:
 - A. sugar acid
 - B. sugar alcohol
 - C. sugar ester
 - D. sugar amine
7. Digitalis is a:
 - A. sugar phosphate ester
 - B. sugar sulfate ester
 - C. sugar acid
 - D. sugar amine
8. How many carbons are outside the ring structure in fructofrunose?
 - A. 0
 - B. 1
 - C. 2
 - D. 3



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Answers:

- 1.A
- 2.D
- 3.B
- 4.B
- 5.C
- 6.B
- 7.B
- 8.C