

Question 1

3 / 3 pts

Which of the following monosaccharides is not an aldose?

- Erythrose
- Dihydroxyacetone
- Glucose
- Glyceraldehyde
- Ribose

Correct!

Question 2

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When two monosaccharides are epimers:

- They differ only in the configuration about one carbon atom
- One is a furanose, the other a pyranose
- One is an aldose, the other a ketose
- They can form ring structures
- They form O-glycosidic bonds

Correct!

Question 3

3 / 3 pts

Which pair is anomeric?

- A) D-glucose and D-fructose
- B) D-glucose and L-fructose
- C) D-glucose and L-glucose
- D) α -D-glucose and β -D-glucose
- E) α -D-glucose and β -L-glucose

A

B

C

D

E

Correct!

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Question 4

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Lactose is made from linking galactose and glucose. When this happens,_____.

Gas is eliminated

An anomeric carbon is formed on carbon-1

Water is released

Correct!

An epimer is formed

An aldose is formed

Question 5

3 / 3 pts

Amylose and amylopectin are both polymers of:

- A) α -D-glucose
- B) β -D-glucose
- C) Galactose
- D) Idose
- E) Maltose

Correct!

A

B

C

D

E

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Question 6

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