VU Medical Zone

BIO 202 Quiz no 1 Fall 2020

sec(s)

BIO202:Quiz 1 — Quiz Start Time: 02:16 AM, 21 December 2020

Question # 1 of 10 (Start time: 02:16:44 AM, 21 December 2020) — Total Marks: 1

Glucose is excreted in urine in poorly controlled diabetes mellitus as a result of hyperglycemia. This medical condition is known as:

Select the correct option

- hypoglycemia
- hyperinsulinism
- glyceraldehyde 3 dehydrogenase deficiency
- glucosuria

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



sec(s)

BIO202:Quiz 1 — Quiz Start Time: 02:16 AM, 21 December 2020

Question # 2 of 10 (Start time: 02:17:49 AM, 21 December 2020) — Total Marks: 1

The condition in which the body fails to metabolize galactose is known as:

Select the correct option

- galactosemia

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- glucosuria
- diabetes mellitus
- hypoglycemia

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 3 of 10 (Start time: 02:18:57 AM, 21 December 2020)

Total Marks: 1

_____ is commonly found in fruit juices, personal lubricants, and wine, and is used to create tangy taste in food.

Select the correct option

- Glucose
- Salt
- Glucono delta-lactone

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Honey

Click to Save Answer & Move to Next Question



Time Left sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 4 of 10 (Start time: 02:19:40 AM, 21 December 2020)

Total Marks: 1

Simplest carbohydrate is _____

Select the correct option

- Sucrose
- Glyceraldehyde

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Glucose
- Glycerine

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 5 of 10 (Start time: 02:20:40 AM, 21 December 2020) **Total Marks: 1**

The designation of a sugar isomer as the D form or as the L form is determined by its spatial relationship to the parent compound of the carbohydrates, which is _____.

Select the correct option

- [x] glyceraldehyde
- [ ] glucose
- [ ] glycerol
- [ ] glycogen

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 6 of 10 (Start time: 02:20:56 AM, 21 December 2020) **Total Marks: 1**

The oxidation of monosaccharides results in the production of either aldonic acids or uronic acids depending on the carbon atom oxidized. Both aldonic and uronic acids form stable intramolecular esters that are known as _____.

Select the correct option

- [x] lactones
- [ ] furfurals
- [ ] aldoses
- [ ] carboxylates

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 7 of 10 (Start time: 02:21:42 AM, 21 December 2020)

Total Marks: 1

Glucuronide is a soluble, non-toxic compound that is excreted in the urine. It is produced when _____ forms conjugates with toxic substances including drugs, hormones and bilirubin.

Select the correct option

- glyceraldehyde
- gluconic acid
- glucose
- glucuronic acid

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 8 of 10 (Start time: 02:22:33 AM, 21 December 2020)

Total Marks: 1

Both glycogen and cellulose are made up of glucose subunits. However, while glycogen is _____, cellulose exists in the form of _____.

Select the correct option

- polysaccharide, disaccharide
- branched, linear chains
- linear chains, branched
- disaccharide, polysaccharide

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 9 of 10 (Start time: 02:22:48 AM, 21 December 2020) **Total Marks: 1**

Isomeric forms of monosaccharides that differ only in their configuration about the hemiacetal or hemiketal carbon atom are called _____.

Select the correct option

- [x] anomers
- [ ] stereoisomers
- [ ] epimers
- [ ] enantiomers

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:16 AM, 21 December 2020

Question # 10 of 10 (Start time: 02:23:18 AM, 21 December 2020) **Total Marks: 1**

1. Carbohydrates are polyhydroxy_____, or substances that yield such compounds on hydrolysis.

Select the correct option

- [ ] Aldehydes
- [ ] ketones
- [x] Aldehydes or ketones
- [ ] All of given

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 1 of 10 (Start time: 02:55:56 AM, 21 December 2020) **Total Marks: 1**

Crystalline derivatives of monosaccharides, formed from pheny hydrazine are known as _____.

Select the correct option

- Sugar
- Osazone
- Glucose
- Cake

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 2 of 10 (Start time: 02:56:14 AM, 21 December 2020) **Total Marks: 1**

_____ is commonly found in fruit juices, personal lubricants, and wine, and is used to create tangy taste in food.

Select the correct option

- Glucose
- Salt
- Glucono delta-lactone
- Honey

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 3 of 10 (Start time: 02:56:29 AM, 21 December 2020)

Total Marks: 1

The substitution of a hydrogen for the hydroxyl group at C-6 of L-mannose produces _____.

Select the correct option

- D-mannose
- L-glucose
- L-rhamnose

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- L-mannosamine

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 4 of 10 (Start time: 02:56:44 AM, 21 December 2020)

Total Marks: 1

The oxidation of carbonyl carbon in monosaccharides yield products known as:

Select the correct option

- aldonic acids

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- uronic acids
- aldoses
- furfurals

Click to Save Answer & Move to Next Question



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VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 5 of 10 (Start time: 02:58:17 AM, 21 December 2020) Total Marks: 1

Glucono delta-lactone (GDL) is a type of lactone, commonly found in honey, fruit juices, personal lubricants, and wine. It hydrolyses in water to form _____ which has a _____ pH

Select the correct option

- [x] gluconic acid, acidic
- [ ] glucose, neutral
- [ ] glucuronic acid, acidic
- [ ] glyceraldehyde, neutral

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 6 of 10 (Start time: 03:00:12 AM, 21 December 2020) Total Marks: 1

The terminal methyl & _____ carbon of glucose, galactose, or mannose-forms the corresponding aldaric acid.

Select the correct option

- [ ] Carboxyl
- [ ] Ketone
- [ ] Aldehyde
- [x] Carbonyl

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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EFFORT BY AMAAN KHAN

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BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 7 of 10 (Start time: 03:00:46 AM, 21 December 2020) **Total Marks: 1**

Osazones are obtained by adding a mixture of phenyl hydrazine hydrochloride and sodium acetate to a sugar solution and heating in water bath for 45 mins. Which two carbon atoms in the sugar molecule are involved in osazone formation?

Select the correct option

- [x] C1 and C2
- [ ] C1 and C6
- [ ] C1 and C4
- [ ] C3 and C5

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 8 of 10 (Start time: 03:01:49 AM, 21 December 2020) **Total Marks: 1**

1. Carbohydrates are polyhydroxy_____, or substances that yield such compounds on hydrolysis.

Select the correct option

- [ ] Aldehydes
- [ ] ketones
- [x] Aldehydes or ketones
- [ ] All of given

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 9 of 10 (Start time: 03:02:04 AM, 21 December 2020)

Total Marks: 1

In the synthesis and metabolism of carbohydrates, the intermediates are very often not the sugars themselves but their _____ derivatives.

Select the correct option

- methylated
- oxidized
- carboxylated
- phosphorylated

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:55 AM, 21 December 2020

Question # 10 of 10 (Start time: 03:02:38 AM, 21 December 2020)

Total Marks: 1

In the open-chain form of carbohydrates, one of the carbon atoms is double-bonded to an oxygen atom to form a _____.

Select the correct option

- Carboxyl group
- Ketone group
- Carbonyl group
- Aldehyde group

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 1 of 10 (Start time: 02:27:15 AM, 21 December 2020) Total Marks: 1

Glucose and galactose are epimers which differ in the configuration around carbon no. _____.

Select the correct option

- [x] 4
- [ ] 2
- [ ] 1
- [ ] 6

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 2 of 10 (Start time: 02:28:13 AM, 21 December 2020) Total Marks: 1

Crystalline derivatives of monosaccharides, formed from pheny hydrazine are known as _____.

Select the correct option

- [ ] Sugar
- [x] Osazone
- [ ] Glucose
- [ ] Cake

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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VU Medical Zone

sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 3 of 10 (Start time: 02:29:03 AM, 21 December 2020)

Total Marks: 1

When fructose and glucose are linked through glycosidic linkage, they form a disaccharide known as _____.

Select the correct option

- maltose
- sucrose

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- lactose
- cellobiose

Click to Save Answer & Move to Next Question



sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 4 of 10 (Start time: 02:29:25 AM, 21 December 2020)

Total Marks: 1

In the synthesis and metabolism of carbohydrates, the intermediates are very often not the sugars themselves but their _____ derivatives.

Select the correct option

- methylated
- oxidized
- carboxylated
- phosphorylated

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 5 of 10 (Start time: 02:29:58 AM, 21 December 2020) Total Marks: 1

Isomeric forms of monosaccharides that differ only in their configuration about the hemiacetal or hemiketal carbon atom are called _____.

Select the correct option

- [x] anomers
- [ ] stereoisomers
- [ ] epimers
- [ ] enantiomers

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 6 of 10 (Start time: 02:30:12 AM, 21 December 2020) Total Marks: 1

Glucuronide is a soluble, non-toxic compound that is excreted in the urine. It is produced when _____ forms conjugates with toxic substances including drugs, hormones and bilirubin.

Select the correct option

- [ ] glyceraldehyde
- [ ] gluconic acid
- [ ] glucose
- [x] glucuronic acid

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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VU Medical Zone

sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 7 of 10 (Start time: 02:30:30 AM, 21 December 2020)

Total Marks: 1

The designation of a sugar isomer as the D form or as the L form is determined by its spatial relationship to the parent compound of the carbohydrates, which is _____.

Select the correct option

- [x] glyceraldehyde
- [ ] glucose
- [ ] glycerol
- [ ] glycogen

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 8 of 10 (Start time: 02:30:47 AM, 21 December 2020)

Total Marks: 1

Carbohydrates are detected in the laboratory based upon certain properties. Benedict's test is routinely used to check for the presence of _____.

Select the correct option

- [x] reducing sugars
- [ ] polysaccharides
- [ ] ketohexoses
- [ ] aldopentoses

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 9 of 10 (Start time: 02:31:04 AM, 21 December 2020) **Total Marks: 1**

The terminal methyl & _____ carbon of glucose, galactose, or mannose-forms the corresponding aldaric acid.

Select the correct option

- ○ Carboxyl
- ○ Ketone
- ○ Aldehyde
- ◉ Carbonyl

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:27 AM, 21 December 2020

Question # 10 of 10 (Start time: 02:31:39 AM, 21 December 2020) **Total Marks: 1**

In the open-chain form of carbohydrates, one of the carbon atoms is double-bonded to an oxygen atom to form a _____.

Select the correct option

- ○ Carboxyl group
- ○ Ketone group
- ◉ Carbonyl group
- ○ Aldehyde group

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 1 of 10 (Start time: 02:35:26 AM, 21 December 2020)

Total Marks: 1

_____ is semi-quantitative test to detect presence of glucose in a solution.

Select the correct option

- Molisch's test
- Benedict's test
- Ninhydrin test
- None of given

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 2 of 10 (Start time: 02:36:27 AM, 21 December 2020)

Total Marks: 1

When the oxygen from the -OH group in a monosaccharide is removed, the resulting compound formed is known as _____.

Select the correct option

- deoxy sugar
- phospho sugar
- amino sugar
- carboxyl sugar

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 3 of 10 (Start time: 02:37:29 AM, 21 December 2020) Total Marks: 1

Maltosazone is the osazone formed from maltose. The characteristic feature of this osazone is its shape which resembles a _____.

Select the correct option

- [x] needle
- [ ] powder-puff
- [ ] sunflower
- [ ] pin-cushion

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 4 of 10 (Start time: 02:38:25 AM, 21 December 2020) Total Marks: 1

The condition in which the body fails to metabolize galactose is known as:

Select the correct option

- [x] galactosemia
- [ ] glucosuria
- [ ] diabetes mellitus
- [ ] hypoglycemia

Answer Solved by Amaan Khan
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Email: maniamaan2@gmail.com

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EFFORT BY AMAAN KHAN

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BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 5 of 10 (Start time: 02:38:56 AM, 21 December 2020) Total Marks: 1

The oxidation of monosaccharides results in the production of either aldonic acids or uronic acids depending on the carbon atom oxidized. Both aldonic and uronic acids form stable intramolecular esters that are known as _____.

Select the correct option

- [x] lactones
- [ ] furfurals
- [ ] aldoses
- [ ] carboxylates

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 6 of 10 (Start time: 02:39:24 AM, 21 December 2020) Total Marks: 1

In Benedict's test, The _____ are produced, which form red precipitate.

Select the correct option

- [ ] Ferrous ions
- [ ] Ferric ions
- [x] cuprous ion
- [ ] cupric ions

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 7 of 10 (Start time: 02:39:51 AM, 21 December 2020)

Total Marks: 1

In the open-chain form of carbohydrates, one of the carbon atoms is double-bonded to an oxygen atom to form a _____.

Select the correct option

- Carboxyl group
- Ketone group
- Carbonyl group

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Aldehyde group

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 8 of 10 (Start time: 02:40:04 AM, 21 December 2020)

Total Marks: 1

Simplest carbohydrate is _____

Select the correct option

- Sucrose
- Glyceraldehyde

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Glucose
- Glycerine

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 9 of 10 (Start time: 02:40:16 AM, 21 December 2020) **Total Marks: 1**

If the carbonyl group is at an end of the carbon chain (that is, in an_____) the monosaccharide is an aldose.

Select the correct option

- ○ Carboxyl group
- ○ Ketone group
- ○ Carbonyl group
- ● Aldehyde group

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BIO202:Quiz 1

Quiz Start Time: 02:35 AM, 21 December 2020

Question # 10 of 10 (Start time: 02:40:35 AM, 21 December 2020) **Total Marks: 1**

Sugars are classified on the basis of number of carbon atoms present. An example of a tetrose is:

Select the correct option

- ● erythrose
- ○ glyceraldehyde
- ○ ribose
- ○ glucose

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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EFFORT BY AMAAN KHAN

VU Medical Zone

sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 1 of 10 (Start time: 02:00:30 AM, 21 December 2020)

Total Marks: 1

With reference to carbohydrate structure, which type of isomers have nearly identical chemical properties but differ in their interaction with plane-polarized light?

Select the correct option

- [x] enantiomers
- [ ] anomers
- [ ] epimers
- [ ] aldose-ketose isomerism

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 2 of 10 (Start time: 02:01:18 AM, 21 December 2020)

Total Marks: 1

The substitution of a hydrogen for the hydroxyl group at C-6 of L-mannose produces _____.

Select the correct option

- [ ] D-mannose
- [ ] L-glucose
- [x] L-rhamnose
- [ ] L-mannosamine

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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VU Medical Zone

BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 3 of 10 (Start time: 02:02:11 AM, 21 December 2020)

Total Marks: 1

Different sugars are utilized in various ways in the human body and hence occur in varying amounts in body fluids. Which fluid is rich in fructose?

Select the correct option

- [x] seminal fluid
- [ ] blood
- [ ] tissue fluid
- [ ] cerebrospinal fluid

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 4 of 10 (Start time: 02:03:29 AM, 21 December 2020)

Total Marks: 1

Carbohydrates are detected in the laboratory based upon certain properties. Benedict's test is routinely used to check for the presence of _____.

Select the correct option

- [x] reducing sugars
- [ ] polysaccharides
- [ ] ketohexoses
- [ ] aldopentoses

Answer Solved by Amaan Khan
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BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 5 of 10 (Start time: 02:04:11 AM, 21 December 2020)

Total Marks: 1

The designation of a sugar isomer as the D form or as the L form is determined by its spatial relationship to the parent compound of the carbohydrates, which is _____.

Select the correct option

- [x] glyceraldehyde
- [ ] glucose
- [ ] glycerol
- [ ] glycogen

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 6 of 10 (Start time: 02:04:53 AM, 21 December 2020)

Total Marks: 1

If the carbonyl group is at an end of the carbon chain (that is, in an_____) the monosaccharide is an aldose.

Select the correct option

- [ ] Carboxyl group
- [ ] Ketone group
- [ ] Carbonyl group
- [x] Aldehyde group

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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VU Medical Zone

MC200203320: UME FARWA

Time Left 53 sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 7 of 10 (Start time: 02:05:36 AM, 21 December 2020) Total Marks: 1

Maltosazone is the osazone formed from maltose. The characteristic feature of this osazone is its shape which resembles a _____.

Select the correct option

- [x] needle
- [ ] powder-puff
- [ ] sunflower
- [ ] pin-cushion

Click to Save Answer & Move to Next Question



Time Left sec(s)

BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 8 of 10 (Start time: 02:06:38 AM, 21 December 2020) Total Marks: 1

In the open-chain form of carbohydrates, one of the carbon atoms is double-bonded to an oxygen atom to form a _____.

Select the correct option

- [ ] Carboxyl group
- [ ] Ketone group
- [x] Carbonyl group
- [ ] Aldehyde group

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 9 of 10 (Start time: 02:07:13 AM, 21 December 2020)

Total Marks: 1

Both glycogen and cellulose are made up of glucose subunits. However, while glycogen is _____, cellulose exists in the form of _____.

Select the correct option

- polysaccharide, disaccharide
- branched, linear chains

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- linear chains, branched
- disaccharide, polysaccharide

Click to Save Answer & Move to Next Question



BIO202:Quiz 1

Quiz Start Time: 02:00 AM, 21 December 2020

Question # 10 of 10 (Start time: 02:08:18 AM, 21 December 2020)

Total Marks: 1

Sugars are classified on the basis of number of carbon atoms present. An example of a tetrose is:

Select the correct option

- erythrose

Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- glyceraldehyde
- ribose
- glucose

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN