



Total questions in exam: 25 | Answered: 1

Question No. 21

Organic compounds are chemicals mainly made up of _____

- Silicon
- Nitrogen
- Carbon
- Phosphate



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Total questions in exam: 25 | Answered: 2

Question No. 1

A saturated fatty acid contains more atoms than the same unsaturated fatty acid

- Hydrogen
- Carbon
- Oxygen
- Phosphorous

A

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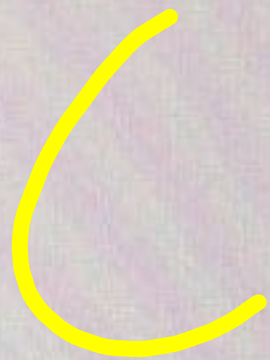
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Question No. 20

The common chemical shared bases for all life is—

- Fatty acids
- Polysaccharides
- DNA
- Proteins





Total questions in exam: 25 | Answered: 3

Question No. 2

The difference between ribose and deoxyribose sugar is.....

- Lack of a nitrogen atom in ribose
- Lack of ring in deoxyribose
- Lack of a carbon atom in ribose
- Lack of an oxygen atom in deoxyribose

D

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Question No. 16

Polymers are large molecules consists of small units called.....

- Macromolecules
- Monomers
- Atoms
- Cells

B



Total questions in exam: 25 | Answered: 3

Question No. 2

The difference between ribose and deoxyribose sugar is.....

- Lack of a nitrogen atom in ribose
- Lack of ring in deoxyribose
- Lack of a carbon atom in ribose
- Lack of an oxygen atom in deoxyribose

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Question No. 5

All of the following contain amino acids except

- Cholesterol
- Hemoglobin
- Antibodies
- Enzymes




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Question No. 3

DNA are composed of monomers called.....

- Amino acids
- Nucleotides
- Nitrogen bases
- Sugars

B

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Total questions in exam: 25 | Answered: 5

Question No. 4

Which one of these compounds is the simplest form of organic compounds?

- Lipids
- Ethane
- Polysaccharides
- Methane



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Total questions in exam: 25 | Answered: 5

Question No. 2

Maltose is composed of which two sugars.....

- no answer is correct
- glucose + glucose
- glucose + galactose
- glucose+ fructose

A



Total questions in exam: 25 | Answered: 5

Question No. 3

Which of the following is true of cellulose?

- it is a protective polysaccharide for energy in animal cells
- It is a polymer composed of glucose
- It is digestible by bacteria in the human stomach
- It is a storage polysaccharide for energy in plant cells

B

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Total questions in exam: 25 | Answered: 8

Question No. 7

Which of the following are the units of inheritance

- Monosaccharides
- Genes
- RNA
- Amino acids

B

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Question No. 5

Organs are made up of.....

- Tissues
- Cells
- Organs
- Organ system



Question No. 10

Prokaryotic cells are

- Cells have true Nucleus containing and DNA
- Cells do not have true Nucleus
- Cells have Nucleus without DNA
- Cells do not have a cell membrane

B

Total questions in exam: 25 | Answered: 8

Question No. 7

Which of the following are the units of inheritance

- Monosaccharides
- Genes
- RNA
- Amino acids

B

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Which of the following categories includes all others in the list?

- disaccharide
- carbohydrate
- monosaccharide
- starch

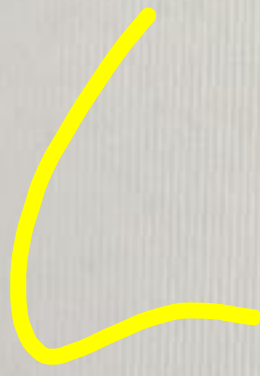


Total questions in exam: 25 | Answered: 0

Question No. 8

Which class of biological polymer has the greatest functional variety?

- polysaccharides
- DNA
- proteins
- RNA



Question No. 7

Photosynthetic organisms are called.....

- All answers are correct
- Consumers
- Decomposers
- Producers

D

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Total questions in exam: 25 | Answered: 10

Question No. 10

How many basic types of cells?

- Four
- One
- Two
- Six

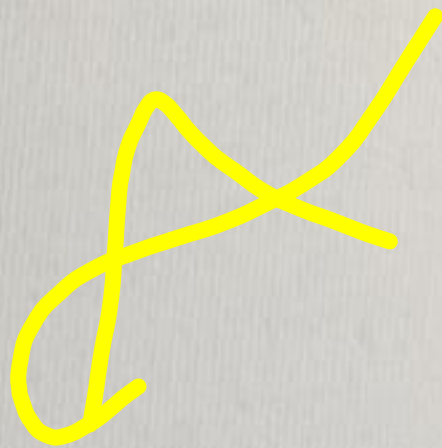


Total questions in exam: 25 | Answered: 10

Question No. 9

Hemoglobin is a complex protein that has a.....

- Quaternary structure
- Primary structure
- Secondary structure
- Tertiary structure



Question No. 9

Which of the following is TRUE of both chitin and glycogen?

- All answers are correct
- Both are used for energy storage
- Both are found in the plant cell wall
- Both are polysaccharides

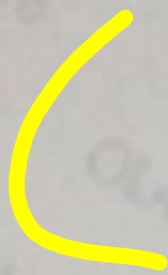


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Question No. 22

Which order shows a decreasing biological level of organization?

- Organs, Tissues, Cells, Organ systems
- Tissues, Organ systems, Cells, Organs
- Cells, Organelles, Molecules, Atoms
- Organ systems, Organism, Organs, Tissues



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Total questions in exam: 25 | Answered: 13

Question No. 10

Which type of lipid has a skeleton of four fused carbon rings?

- Maltose
- Cholesterol
- Phospholipid
- Triglyceride

B

Question No. 14

Amoeba is an example of

- Multi-cellular prokaryotes
- Unicellular prokaryotes
- Multi-cellular eukaryotes
- Unicellular eukaryotes

D

Total questions in exam: 25 | Answered: 16

Question No. 15

The nuclear membrane is absent in:

- Archaea
- Animals
- Plants
- Fungi



Question No. 9

Which of the following is TRUE of both chitin and glycogen?

- All answers are correct
- Both are used for energy storage
- Both are found in the plant cell wall
- Both are polysaccharides

D

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Total questions in exam: 25 | Answered: 18

Question No. 16

What type of lipids is the testosterone?

- Glycerol
- Steroids
- Phospholipids
- Fatty acids

B

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Total questions in exam: 25 | Answered: 13

Question No. 10

Which type of lipid has a skeleton of four fused carbon rings?

- Maltose
- Cholesterol
- Phospholipid
- Triglyceride

B

Question No. 19

Which of the following is the characteristic of all living things?

- All answers are correct
- Living things grow and develop
- Living things reproduce
- Living things respond to the environment

A

Total questions in exam: 25 | Answered: 20

Question No. 20

Glucose is a building unit in.....

- All disaccharides
- Only Maltose
- Only Lactose
- Only Sucrose



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Question No. 21

Which of these organelles are absent in bacteria?

- All answers are correct
- Nucleus
- Chloroplasts
- Mitochondria

A

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Total questions in exam: 25 | Answered: 3

Question No. 2

The difference between ribose and deoxyribose sugar is.....

- Lack of a nitrogen atom in ribose
- Lack of ring in deoxyribose
- Lack of a carbon atom in ribose
- Lack of an oxygen atom in deoxyribose

R D

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Question No. 19

Energy enters the Ecosystems as

- Chemical energy
- Light energy
- Heat energy
- Kinetic energy

B

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Total questions in exam: 25 | Answered: 19

Question No. 14

Macromolecules are made by joining smaller molecules into chains called ...

- Isomers
- Starch
- Tetramers
- Polymers

D

Question No. 25

The ecosystems on the planet together are called the

- Hydrosphere
- Lithosphere
- Atmosphere
- Biosphere

D

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Question No. 12

Which of the following includes living and non-living components?

- Ecosystem
- Individual
- Species
- Population

A

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