

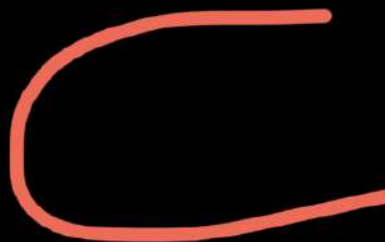
All amino acids contain the two functional groups of

- Amino + Hydroxyl
- Hydroxyl + Carboxyl
- Methyl + Amino
- Amino + Carboxyl

D

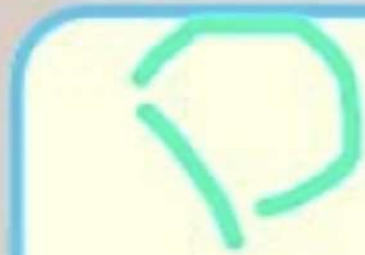
The functional groups are groups of atoms that

- Participate in chemical reactions but not determine the properties of organic compounds
- Determine the properties of the organic compound only
- Participate in chemical reactions and determine the properties of organic compounds
- Participate in chemical reactions only



Different levels of biological organization is called

- history
- histology
- cells
- hierarchy



D

Question No. 8

Starch & glycogen are used by plants & animals

- As a genetic material
- As source of energy
- As a cell wall
- As exoskeleton

B

Total questions in exam: 25 | Answered: 3

Question No. 7

Which of the following polymers contain nitrogen?

- Glycogen
- Cellulose
- Hemoglobin
- Starch



Save & Next



Total questions in exam: 25 | Answered: 1

Question No. 9

Which of the following is NOT characteristic for all living things?

- All answers are correct
- Living things eat through a mouth
- Living things move
- Living things talk

A

Save & Next

Question No. 1

Reproduction is one common property in all organisms

- non living
- living
- active
- dead

B

Question No. 2

Which of the following are the producers in an ecosystem?

- Bacteria and Algae
- Plants and animals
- Plants and Algae
- Animals and Fungi



Which of the following is a producer in an ecosystem?

- Animals
- Bacteria
- Plants
- Virus



Triglycerides which have one or more double bonds between carbon atoms of their fatty acids, are called



- Polysaccharides
- Phospholipids
- Un-saturated
- Saturated



Which of the following is not a feature of bacteria?

- Nucleus
- Ribosomes
- DNA
- Cell membrane

A

..... (CH₄) is considered to be the simplest organic molecule.

- Ethane
- Methane
- Benzene
- Butane

B

Sucrose is made from.....

- Glucose and fructose
- Two glucose sugars
- Two galactose sugars
- Glucose and galactose

A

Carbohydrate molecules do not contain.....

- Carbon
- Oxygen
- Helium
- Hydrogen

D

A group of organisms belonging to the same species forms.....

- An ecosystem
- A population
- Biosphere
- A community

B

Both eukaryotic and prokaryotic cells have

- True organelles
- DNA
- All answers are correct
- True nucleus

B

The biosphere consists of different

- Communities
- Spaces
- Domains
- Ecosystems

D

Question No. 17

The main difference between prokaryotic & Eukaryotic cells are

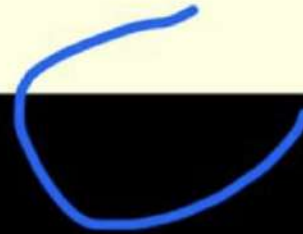
- True organelles
- Reproduction
- Cell membrane
- Movement

A

A

Which of the following is NOT characteristic for all living things?

- Living things talk
- Living things move
- All answers are correct
- Living things eat through a mouth



Glucose is a building unit in.....

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

C

C

Total questions in exam: 25 | Answered: 1

Bio_C

Question No. 2

Mushrooms belong to

- Domain Archaea
- Domain Eukarya
- Domain Bacteria
- All answers are correct

B

Save & Next

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Total questions in exam: 25 | Answered: 1

Question No. 3

Which is true for Eukaryotic cells:

- Have a true nucleus containing genetic material
- Do not have a true nucleus
- Have a nucleus free of DNA
- Do not have a DNA

A

Save & Next

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Question No. 4

Which of these organelles are absent in bacteria?

- Mitochondria
- Chloroplasts
- Nucleus
- All answers are correct.

D

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 19

Glucose is a building unit in

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

Save & Next

D

Total questions in exam: 25 | Answered: 1

Question No. 18

The cells characteristics are:

- Have DNA
- Able to divide
- Enclosed by a membrane
- All answers are correct

D

Save & Next

Question No. 1

Life is divided into

- 3 domains
- 4 domains
- 2 domains
- 5 domains

A

Save & Next

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Total questions in exam: 25 | Answered: 1

Question No. 20

Glucose and Galactose are examples of :

- Polysaccharides
- Dipeptides
- Monosaccharides
- Disaccharides



Save & Next

Question No. 5

Which of the following is true of cellulose?

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

Save & Next

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Question No. 9

small chemical units (atoms) combined together by chemical bonds is called

- Organ
- Tissue
- Cell
- Molecule

D

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 21

What type of lipids are the female sex hormone (estradiol)?

- Fatty acids
- Phospholipids
- Steroids
- Glycerol

Save & Next

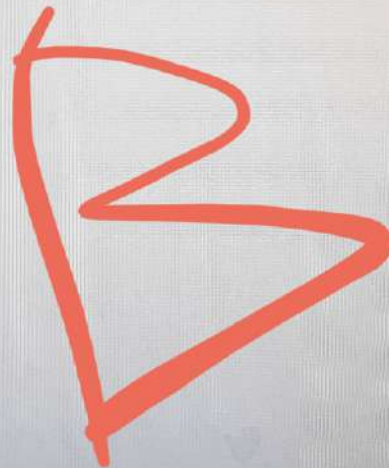
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Total questions in exam: 25 | Answered: 1

Question No. 24

The compounds that contains only carbons and hydrogen are called _____

- Fatty acids
- Hydrocarbons
- Amino acids
- No answer is correct

[Save & Next](#)

Total questions in exam: 25 | Answered: 1

Question No. 25

Two of the three domains of life contain what sort of organism?

- plant
- Eukaryotes
- animals
- prokaryotes

D

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 23

Starch & glycogen are used by plants & animals

- As exoskeleton
- As a cell wall
- As source of energy
- As a genetic material

Save & Next

Question No. 16

Photosynthetic organisms are called _____

- Producers
- Decomposers
- Consumers
- All answers are correct

A

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 14

The cell you are examining under the microscope appears to contain a nucleus. This organism belongs to the domain

- Bacteria
- Eukarya
- Virus
- Archaea

B

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 13

..... (CH₄) is considered to be the simplest organic molecule

- Methane
- Ethane
- Butane
- Benzene

A

Save & Next



Total questions in exam: 25 | Answered: 1

Question No. 15

Cholesterol

- contributes to energy storage
- is not soluble in water
- is made of fatty acids
- is a compound that contain genetic information

B

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 22

Amino acids are characterized by its functional group

- Phosphate
- Carboxyl
- Methyl
- Hydroxyl

B

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 8

Changes that happens to a living organism during its live are called

- Organization
- Reproduction
- Energy processing
- Development

D

Save & Next

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Total questions in exam: 25 | Answered: 1

Question No. 10

Fructose belongs to.....

- Amino acids
- Monosaccharaides
- Polysaccharides
- Disaccharides

B

Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 12

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

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



Save & Next

Total questions in exam: 25 | Answered: 1

Question No. 17

Energy exits from the Ecosystems as

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



Save & Next

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Question No. 6

Which sequence CORRECTLY increases complexity in the levels of biological organization?

- Molecules, Atoms, Cells, Organs, Tissues
- Atoms, Molecules, Tissues, Organs, Cells
- Atoms, Molecules, Cells, Organs, Tissues
- Atoms, Molecules, Cells, Tissues, Organs

D

Save & Next

Question No. 11

Which one of the following is the basic unit of life.....

- Organ systems
- Cells
- Organs
- Tissues

B

Save & Next

Total questions in exam: 25 | Answered: 8

Question No. 19

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

- Monomers
- Atoms
- Cells
- Macromolecules

A

Question No. 22

Monosaccharides generally have molecular formulas that are the multiples of ...

- C₂H₃O₄
- C₂HO
- CH₂O
- CH₂O



Total questions in exam: 25 | Answered: 2

Question No. 2

Which one of the following distinguishes domain archaea from domain Eukarya?

- Domain Archaea contain mitochondria
- Domain Archaea is prokaryotic
- Domain Archaea is mostly multicellular
- Domain Archaea contain nucleus

B

Save & Next

Total questions in exam: 25 | Answered: 2

Question No. 3

Reproduction is one common property in all organisms

- non living
- dead
- active
- living

D

Save & Next

Total questions in exam: 25 | Answered: 2

Question No. 7

Which carbohydrate protects plants?

- Chitin
- Cellulose
- Glycogen
- Starch

B

Save & Next

Total questions in exam: 25 | Answered: 2

Question No. 6

Protists are a diverse collection of mostly organisms

- Multi-cellular
- Bacteria
- Fungus
- Single-celled

D

Save & Next

Question No. 9

Prokaryotic cells are

- Cells that do NOT have a true Nucleus
- Cells that have a Nucleus with NO DNA
- Cells that do not have a cell membrane
- Cells that have a true Nucleus containing DNA

A+

Save & Next

Total questions in exam: 25 | Answered: 8

Question No. 25

Sucrose is made from.....

- Glucose and fructose
- Glucose and galactose
- Two galactose sugars
- Two glucose sugars

A

Total questions in exam: 25 | Answered: 8

Question No. 24

Different levels of biological organization is called

- history
- hierarchy
- cells
- histology

B

Total questions in exam: 25 | Answered: 8

Question No. 23

Which one of the following is the basic unit of life.....

- Cells
- Organs
- Tissues
- Organ systems

A

Total questions in exam: 25 | Answered: 8

Question No. 22

What type of lipids is the testosterone?

- Phospholipids
- Steroids
- Glycerol
- Fatty acids

B

Total questions in exam: 25 | Answered: 8

Question No. 21

Dynamics of an ecosystem include 2 major processes: flow of energy and

- Movement in the environment
- Photosynthesis
- Cycling of nutrients
- Energy processing



Total questions in exam: 25 | Answered: 8

Question No. 20

DNA in liver, brain and muscle cells in a person's body

- is exactly similar
- is totally different
- is similar in some organs
- is different in some organs

A

Total questions in exam: 25 | Answered: 8

Question No. 18

A saturated fatty acid contains moreatoms than the same unsatu

- Phosphorous
- Carbon
- Hydrogen
- Oxygen



Total questions in exam: 25 | Answered: 8

Question No. 19

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

- Monomers
- Atoms
- Cells
- Macromolecules

A

Total questions in exam: 25 | Answered: 8

Question No. 16

What type of lipids are the female sex hormone (estradiol)?

- Phospholipids
- Steroids
- Glycerol
- Fatty acids

B

Total questions in exam: 25 | Answered: 8

Question No. 17

Single-celled Amoebas and bacteria are grouped into different Domains b

- Bacteria are not cells
- Both are unicellular organisms
- Amoebas are not cells
- Bacteria are prokaryotic organisms

D

Total questions in exam: 25 | Answered: 8

Question No. 15

Which of the following are the units of inheritance

- Amino acids
- Genes
- Monosaccharides
- RNA

13

Total questions in exam: 25 | Answered: 8

Question No. 14

Which of the following is not a feature of bacteria?

- Nucleus
- Cell membrane
- DNA
- Ribosomes

A

Total questions in exam: 25 | Answered: 8

Question No. 13

Which of the following polymers contain nitrogen?

- Glycogen
- Starch
- Hemoglobin
- Cellulose



Total questions in exam: 25 | Answered: 8

Question No. 12

The biosphere consists of different

- Communities
- Ecosystems
- Domains
- Spaces

B

Save & Next

Question No. 11

Which of these organelles are absent in bacteria?

- Chloroplasts
- Nucleus
- All answers are correct
- Mitochondria

C

Total questions in exam: 25 | Answered: 8

Question No. 10

Triglycerides which have one or more double bonds between carbo

- Polysaccharides
- Saturated
- Un-saturated
- Phospholipids

C

Total questions in exam: 25 | Answered: 2

Question No. 8

..... reaction is the addition of water molecule to break polymer molecules

- Saturation
- Hydrolysis
- Denaturation
- Dehydration

B

Save & Next

Total questions in exam: 25 | Answered: 2

Question No. 4

Organic compounds are chemicals mainly made up of.....

- Phosphate
- Nitrogen
- Silicon
- Carbon

D

Save & Next

Total questions in exam: 25 | Answered: 2

Question No. 5

In which form glucose is stored in animals?

- Glycogen
- Starch
- Chitin
- Cellulose

A

Save & Next