

تسریبات 1441

Biology quiz 1

Answers by

Dr. A 

&



Question No. 12

Prokaryotic cells are

D

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

D

Question 8

A plant which uses photosynthesis to create energy is a -

- a. consumer.
- b. decomposer.
- c. converter.
- d. producer.



Question No. 18

The nucleotide backbone consists of

- Ⓐ Nitrogen base and sugar
- Ⓑ Phosphate and nitrogen base
- Ⓒ Sugar and phosphate
- Ⓓ Fatty acid and glycerin



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Question No. 8

Tails in the membrane phospholipid's bilayer are:.....

- Hydrolysis
- Hydrophobic
- Hydrophilic
- Hydrocellular

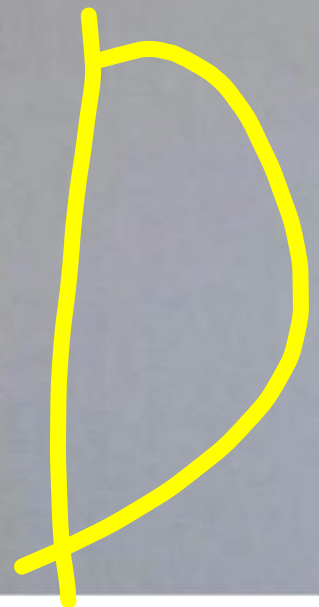
B



Question No. 2

Cells of plants and animals have

- Cytoplasm and chloroplasts
- Central vacuole and mitochondria
- Cell membrane and cell wall
- Nucleus and ribosomes



Question No. 13

Water-hating molecules are called.....

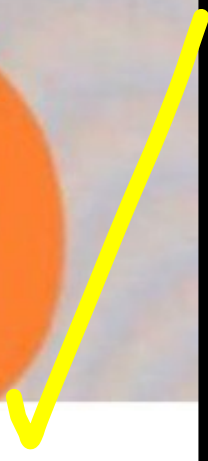
- Hydrophilic
- Hydrocarbons
- Hydrophobic
- Hydrolysis

Question No. 1

Which one of these is NOT one of the common 7 properties of life?

- Adaptation
- Order
- Energy Processing
- Sleeping

D



Question 10

Human is an example of:

1. Unicellular eukaryotic organism
2. Unicellular prokaryotic organism
3. Multicellular eukaryotic organism
4. Multicellular prokaryotic organism

Question No. 18

Macromolecules are made by joining smaller molecules into chains called

- Tetramers
- Polymers
- Starch
- Isomers

B

B

Question No. 23

RNA is translated into protein by using...

- amino acid language
- nucleotide language
- Monosaccharide language
- Fatty acid language

RNA



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Question No. 8

In the following taxonomic categories which is the highest in hierarchy?

- Domain
- Genus
- Family
- Kingdom

18/11

A

Question No. 10

The _____ is the building block of matter.

- molecule
- element
- atom
- compound





Question No. 15

In which form glucose is stored in animals?

- Cellulose
- Glycogen
- Starch
- Chitin

B

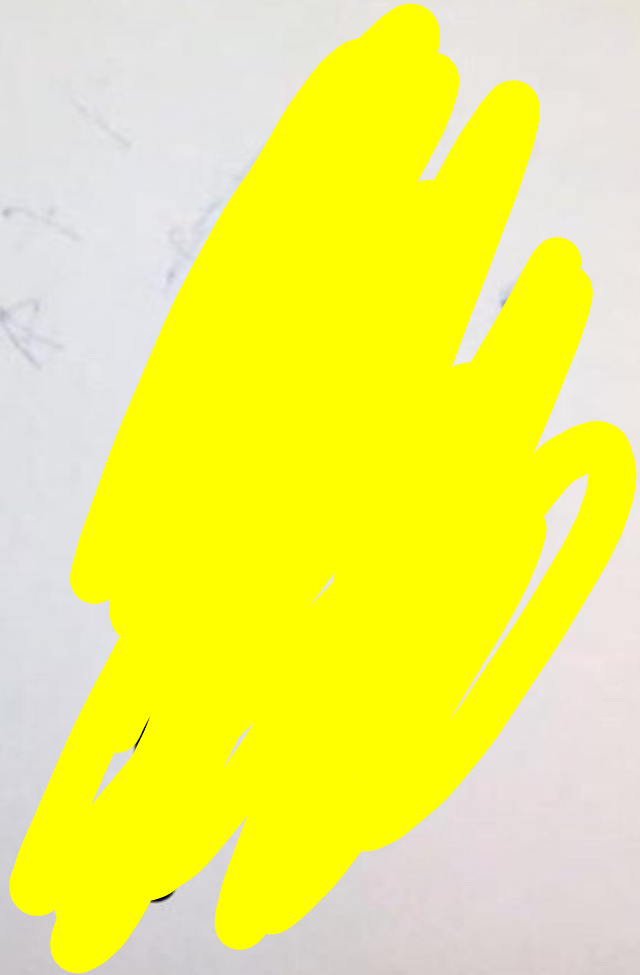


Question No. 10

The nuclear membrane is absent in:

- Fungi
- Plants
- Animals
- Archae

D





Question No. 4

Plant cell wall is mainly consists of.....

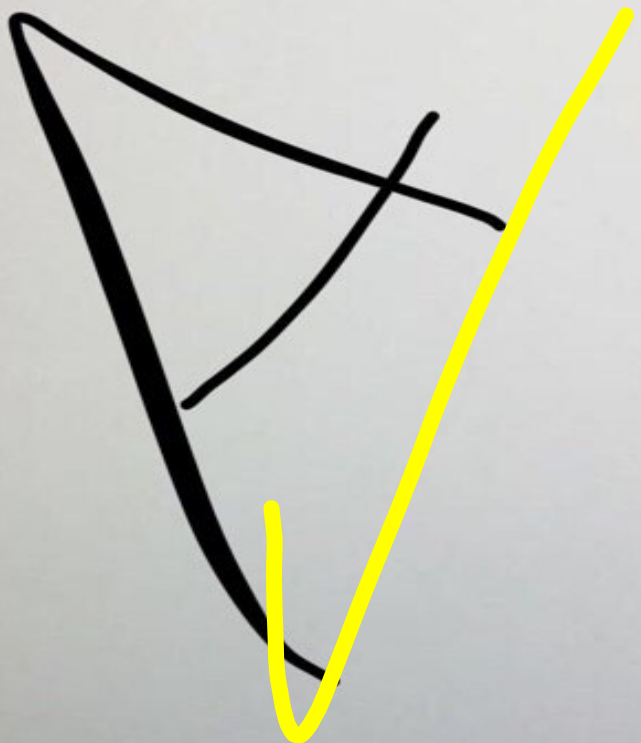
- Starch
- Nucleic acid
- Collagen
- Cellulose



Question No. 12

Single-celled amoebas and bacteria are grouped into different Domains because

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



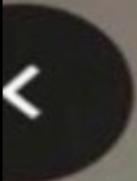
Question No. 1

Which structure is common in animal and plant cells?

- Cell membrane
- All answers are correct
- DNA
- Nucleus

B

B



Question No. 13

In which form carbohydrates are stored in plants?

- Cellulose
- Starch
- Glycogen
- Chitin

B

Question No. 20

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

- Macromolecules
- Atoms
- Monomers
- Cells



Question No. 4

Energy exits from the Ecosystems as

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



Question No. 12

Prokaryotic cells are

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

D



Question No. 21

Organic compounds are-based molecules

- Oxygen
- Carbon
- Hydrogen
- Nitrogen

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Question No. 13

The protecting carbohydrate in insects is

- Chitin
- Cellulose
- Sucrose
- Glycogen

A



Question No. 4

Which of the following is a producer in an ecosystem?

Green Plants

Animals

Fungi

Human

A



Question No. 28

A polyunsaturated fat has

- Fatty acid with no double bonds
- Fatty acid with single bonds
- Fatty acid with several double bonds
- Glycerol with no double bond



Question No. 8

Which of the following are the producers in an ecosystem?

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



Question No. 6

The entire array of organisms in an ecosystem is called

- Population
- Community
- Organ system
- Biosphere

B

Save & Next

MKCL OES

Question No. 4

Taxonomy is the science which.....

- Study the ecosystems
- Group and classify organisms
- Study organisms at the cell level
- No answer is correct



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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Question No. 7

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

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



Question No. 15

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

- Dehydration
- Hydrolysis
- Saturation
- Denaturation

B

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

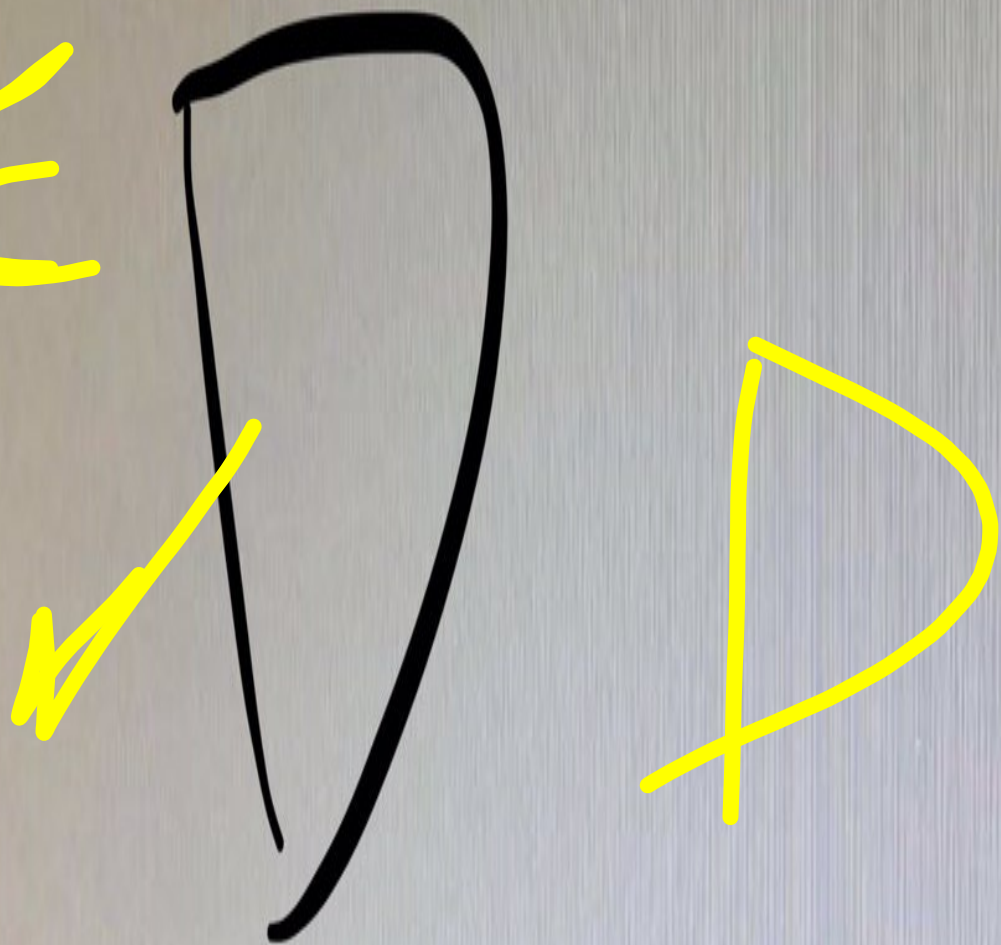


Question No. 11

All of changes that occur from birth, in childhood and adulthood are called

~~Development~~

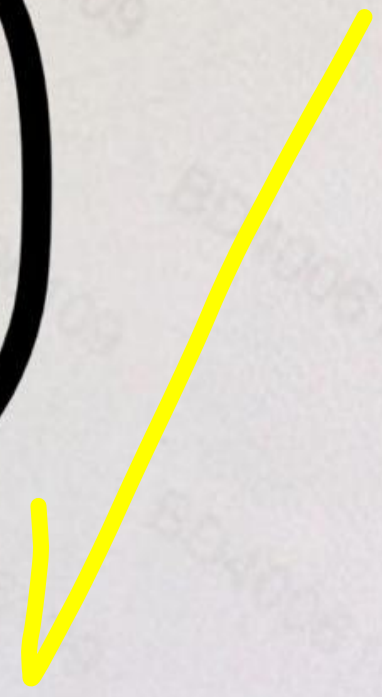
- Organization
- Adaptation
- Development



Question No. 7

Photosynthetic organisms are called.....

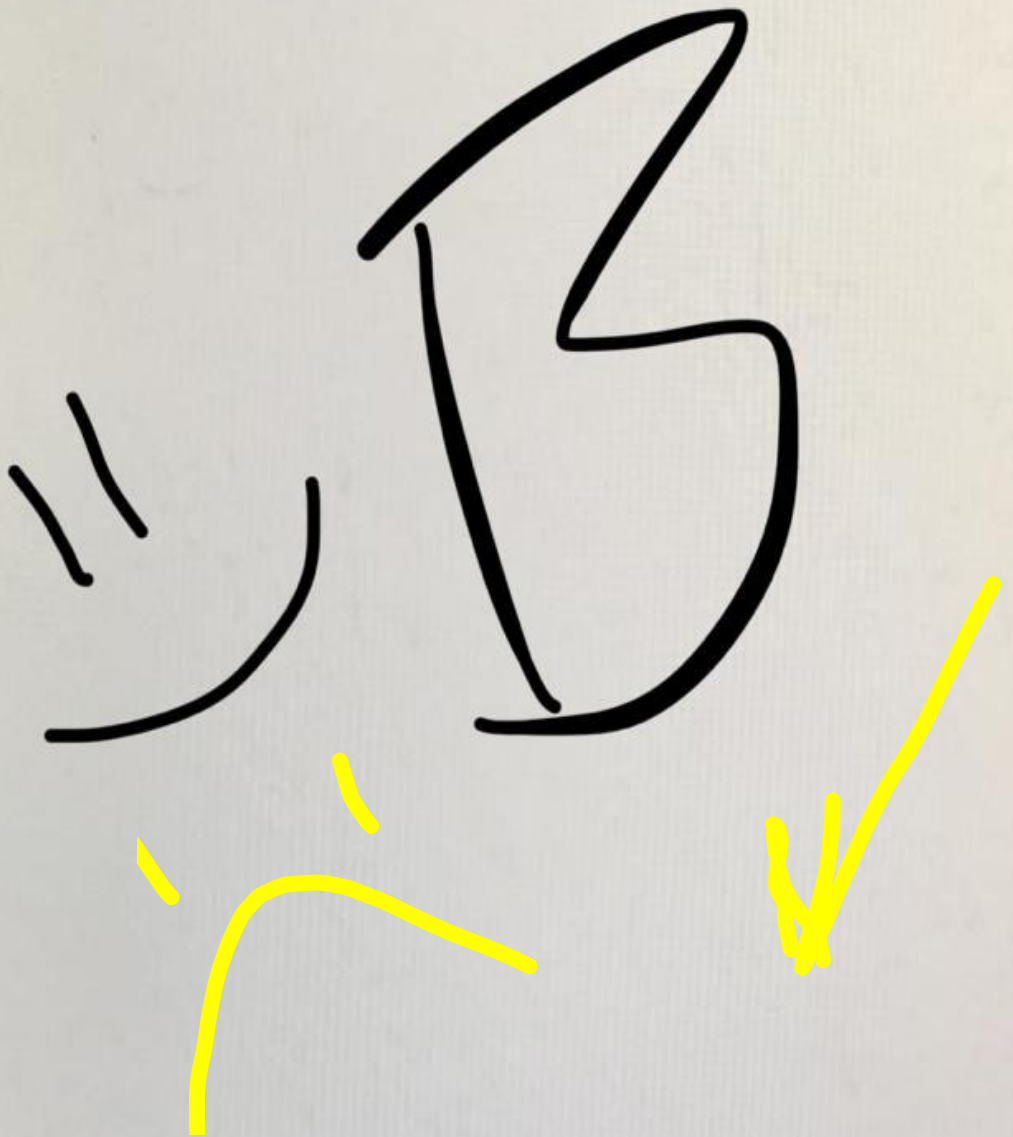
- All answers are correct
- Consumers
- Decomposers
- Producers



Question No. 7

Which of the following are the units of inheritance

- Monosaccharides
- Genes
- RNA
- Amino acids



Question No. 28

The sugar ribose has

- one less oxygen than deoxyribose
- Two more oxygen than deoxyribose
- Two less oxygen than deoxyribose
- one more oxygen than deoxyribose

~~D~~

D



Question No. 10

The biosphere consists of different

- Ecosystems
- Spaces
- Domains
- Communities

A

X

Total questions in exam: 25 | Answered: 13

Question No. 13

..... is the process in which water is removed when two monomers join to form a polymer

- Diffusion
- Hydrolysis
- Dehydration
- Osmosis



Total questions in exam: 25 | Answered: 21

Question No. 23

Galactose is a but glycogen is a

- Monosaccharide, polysaccharide
- Polysaccharide, monosaccharide
- Protein, steroid
- Monosaccharide, disaccharide

A ✓

Total questions in exam: 25 | Answered: 11

Question No. 8

Organic compounds are-based molecules

- Nitrogen
- Hydrogen
- Oxygen
- Carbon

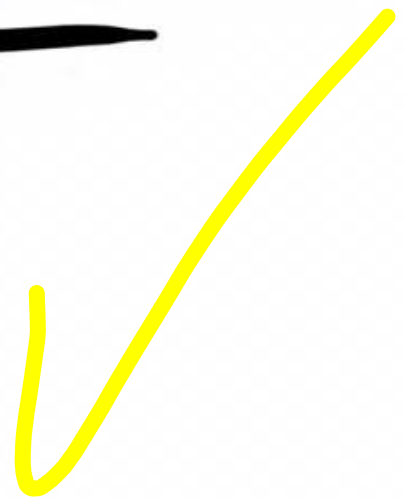


Question No. 21

Organic compounds are chemicals mainly made up of _____

- Silicon
- Nitrogen
- Carbon
- Phosphate

C



Total questions in exam: 25 | Answered: 11

Question No. 11

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

- Glycerol
- Steroids
- Fatty acids
- Phospholipids

B





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11 Photos

Select

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Question No. 20

The common chemical shared bases for all life is—

- Fatty acids
- Polysaccharides
- DNA
- Proteins

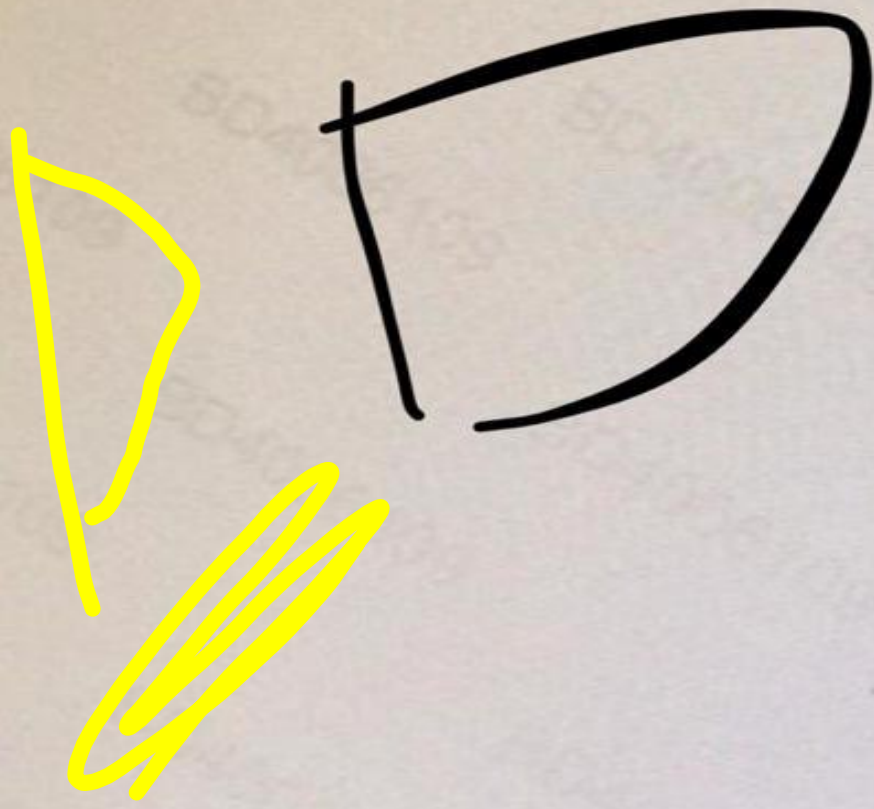
C



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

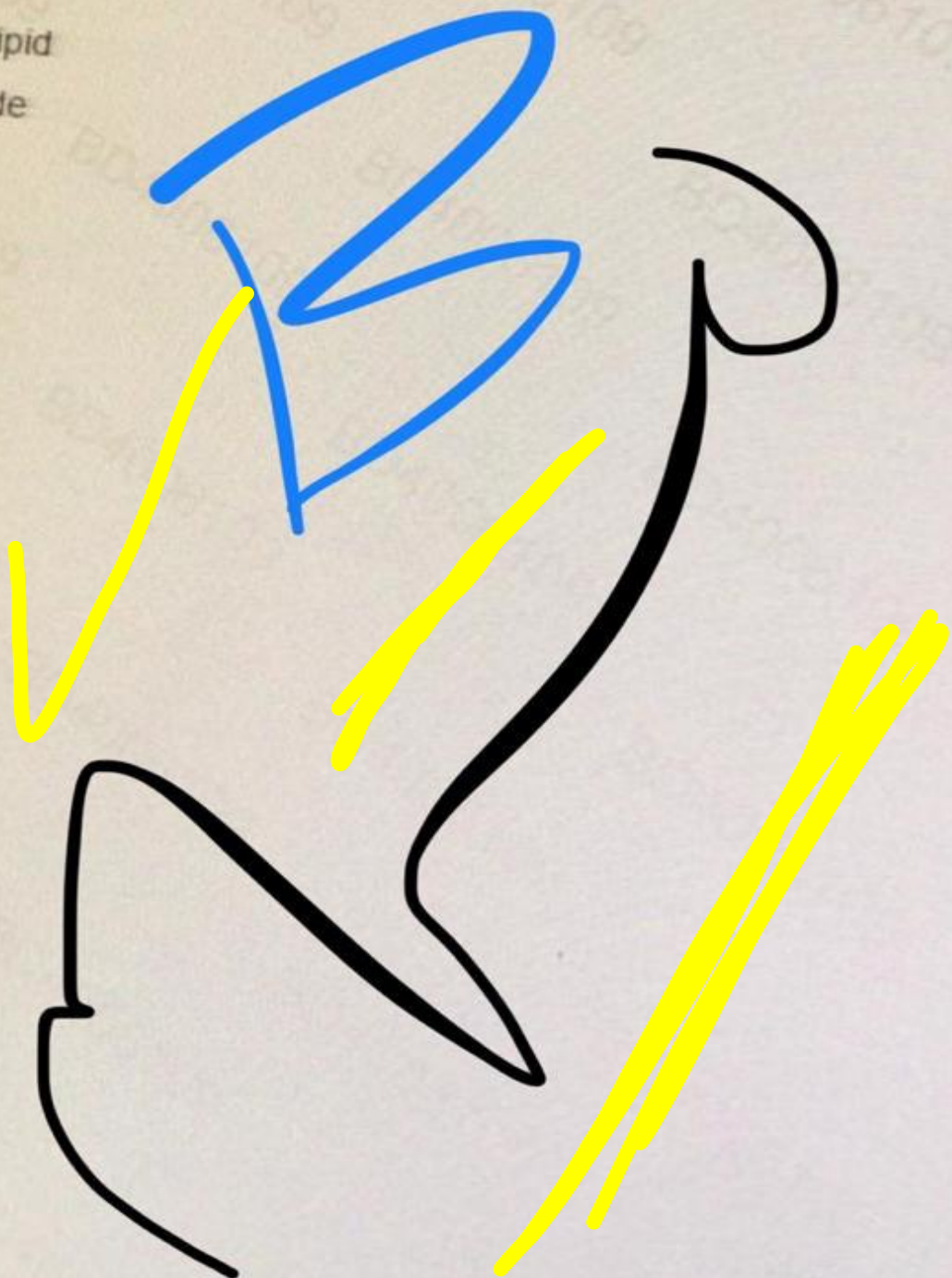


Total questions in exam: 25 | Answered: 13

Question No. 10

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

- Maltose
- Cholesterol
- Phospholipid
- Triglyceride



Question No. 5

All of the following contain amino acids except

- Cholesterol
- Hemoglobin
- Antibodies
- Enzymes

A



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Question No. 6

Glucose is a building unit in.....

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

A



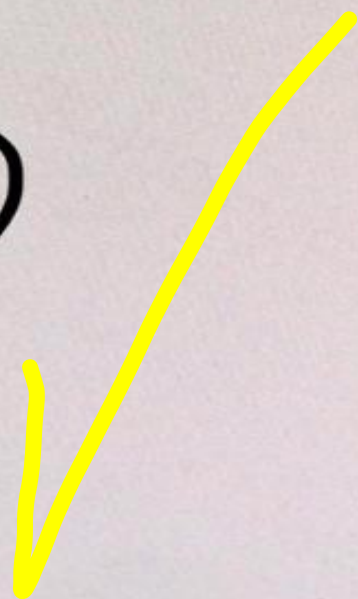
Total questions in exam: 25 | Answered: 5

Question No. 2

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

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

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



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



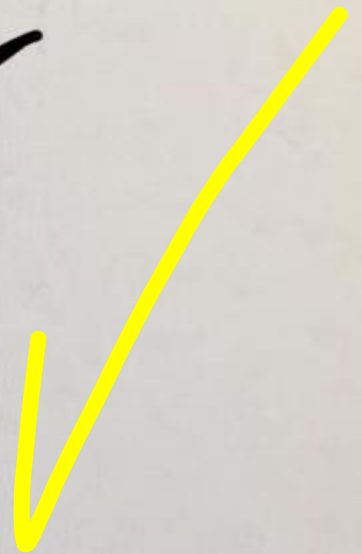
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Question No. 10

How many basic types of cells?

- Four
- One
- Two
- Six

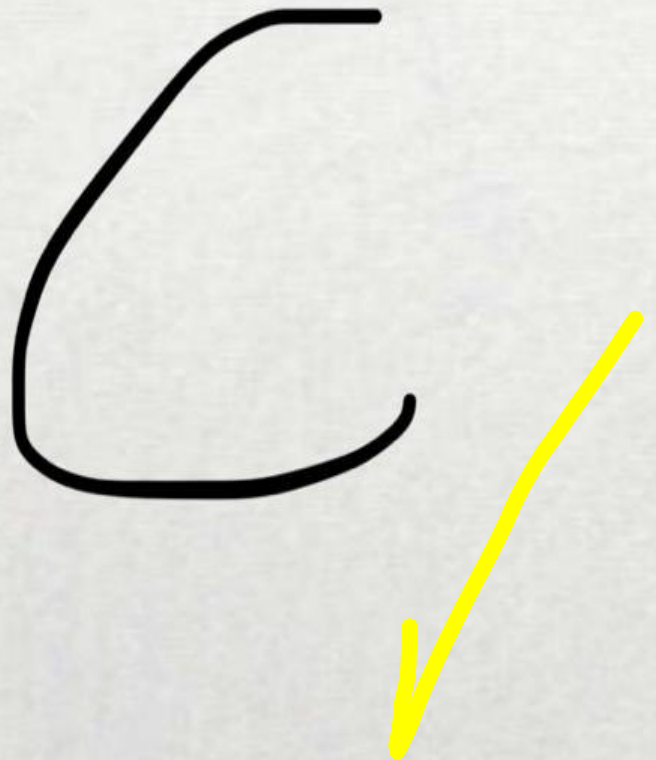
C



Question No. 15

The plasma Membranes are composed mainly/largely of _____

- Steroids
- Carbohydrates
- Phospholipids
- Triglycerides

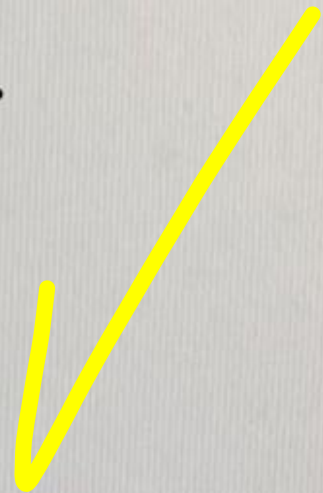


Question No. 8

Which class of biological polymer has the greatest functional variety?

- polysaccharides
- DNA
- proteins
- RNA

C



Question No. 16

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

- Macromolecules
- Monomers
- Atoms
- Cells

B



Question No. 5

Organs are made up of

- Tissues
- Cells
- Organs
- Organ system

A



Total questions in exam: 25 | Answered: 11

Question No. 11

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

- Glycerol
- Steroids
- Fatty acids
- Phospholipids

15 ✓

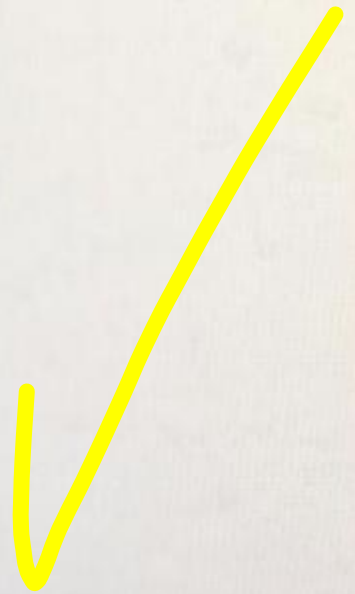
Total questions in exam: 25 | Answered: 8

Question No. 5

Organs are made up of

- Tissues
- Cells
- Organs
- Organ system

A





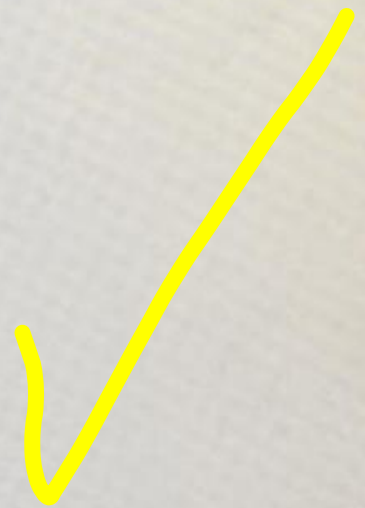
Total questions in exam: 25 | Answered: 12

Question No. 12

Which of the following types of cells use DNA as their genetic material but DO NOT have a nuclear membrane?

- Plant
- Protists
- Archaea
- Fungi

C



Total questions in exam: 40 | Answered: 27

Question No. 28

The sugar ribose has...

- one less oxygen than deoxyribose
- Two more oxygen than deoxyribose
- Two less oxygen than deoxyribose
- one more oxygen than deoxyribose



DNA in liver, brain and muscles in person's body are

- it's exactly similar
- it's totally different
- it's different in same organ
- it's similar in same organ



Which domain has sort of organisms?

Eukaryotes

Prokaryotes

Plants

Animals

ص 10:49

سؤال

ابواب

Which domain has sort of organisms?

Eukaryotes

Prokaryotes

~~Eukaryote~~

ص 10:49

Two of →
Three

Question No. 11

An organ system is made up of several.....

- Tissues
- Populations
- Organs
- Ecosystem

✓



Question No. 14

Which of the following is TRUE of both chitin and glycogen

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

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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 ✓

السؤال الثاني

A membrane-bound structure that do specific function:

Organ

Organ systems

Molecules

Organelle



Total questions in exam: 25 | Answered: 4

Question No. 3

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

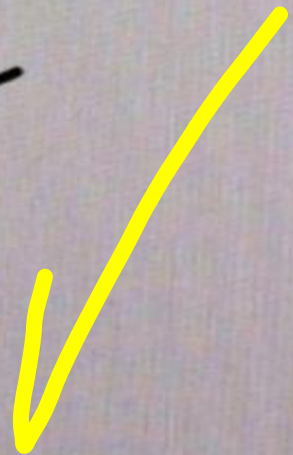
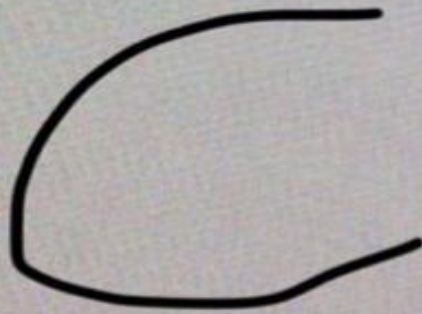
- Energy processing
- Organization
- Development
- Reproduction

✓ C

Question No. 10

The _____ is the building block of matter.

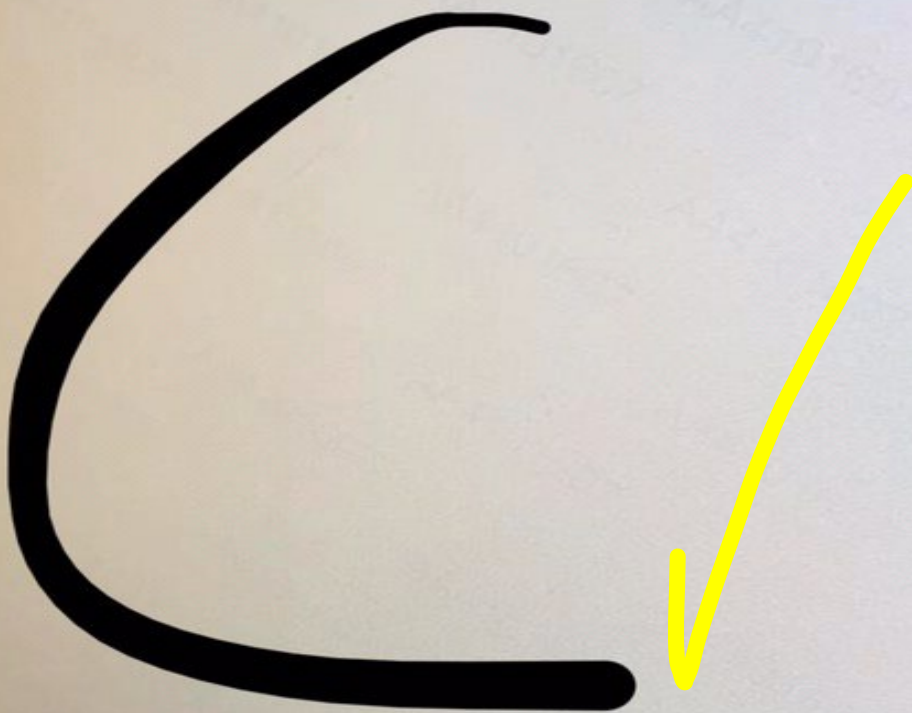
- molecule
- element
- atom
- compound



Question No. 7

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

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



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11 Photos

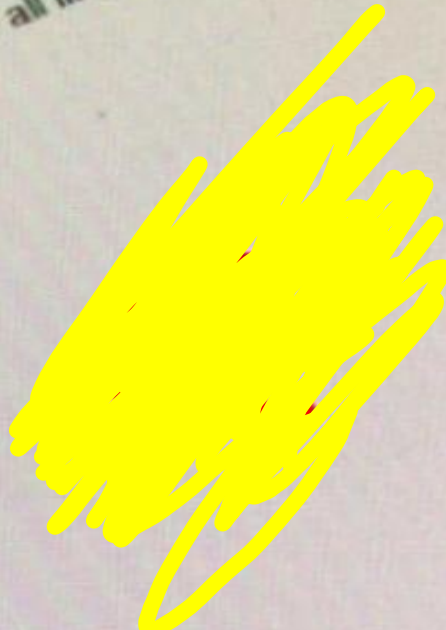
Select

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Question No. 20

The common chemical shared bases for all life is—

- Fatty acids
- Polysaccharides
- DNA
- Proteins





Quiz1 BIO (1)

الخلف >

MKCL OES

Question No. 9

To which domain of life does humans belong

- Bacteria
- Archaea
- Eukarya
- Multiple domains





Question No. 11

An organ system is made up of several.....

- Tissues
- Populations
- Organs
- Ecosystem

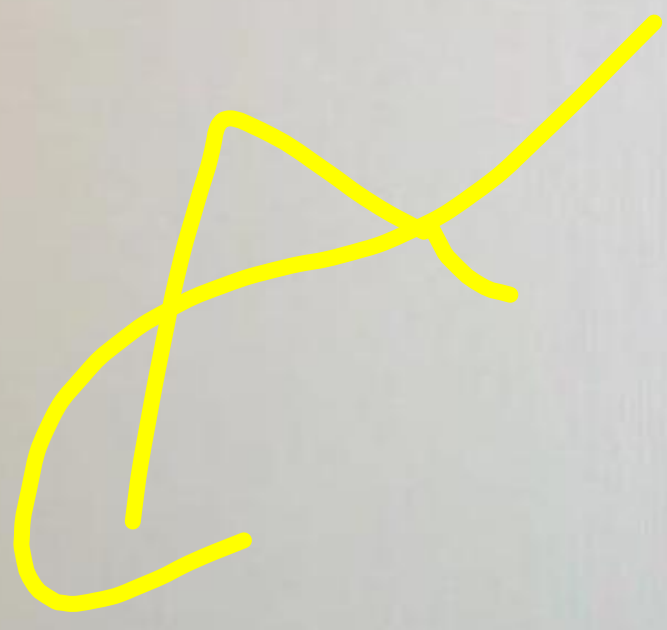




Question No. 7

Protists are a diverse collection of mostly organisms

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





Quiz1 BIO 📍 (1)

الخلف ➔

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Question No. 5

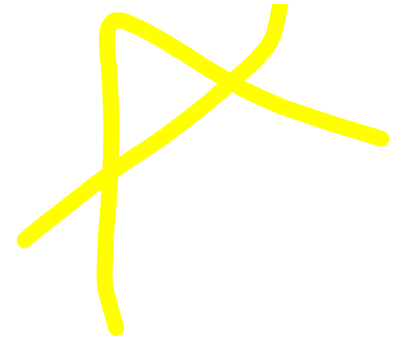
How many basic types of cells?

- Four
- One
- Two
- Six



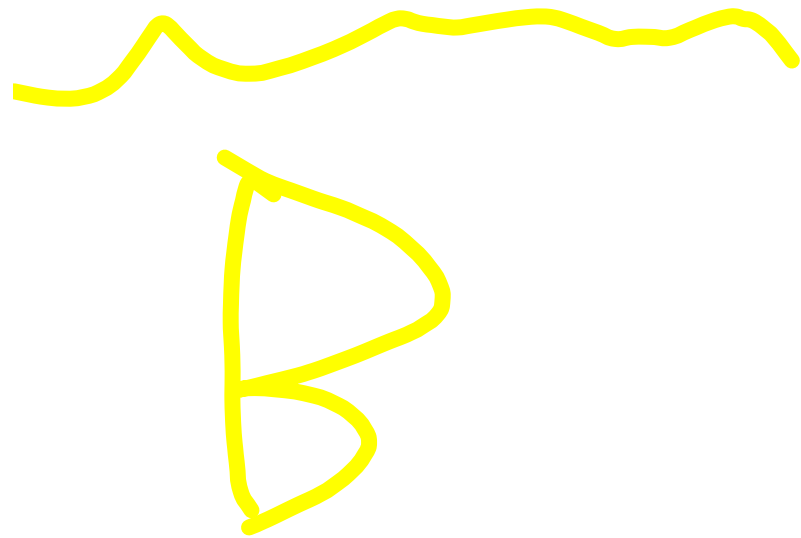
6. The two major processes in ecosystem dynamics are

- a. Matter and energy
- b. Reproduction and adaptation
- c. Water and nutrients
- d. None



7. Life is divided into

- a. 2 domains
- b. 3 Domains
- c. 4 Domains
- d. 5 Domains



تجميعات الجهني- (احياء كويز 1)



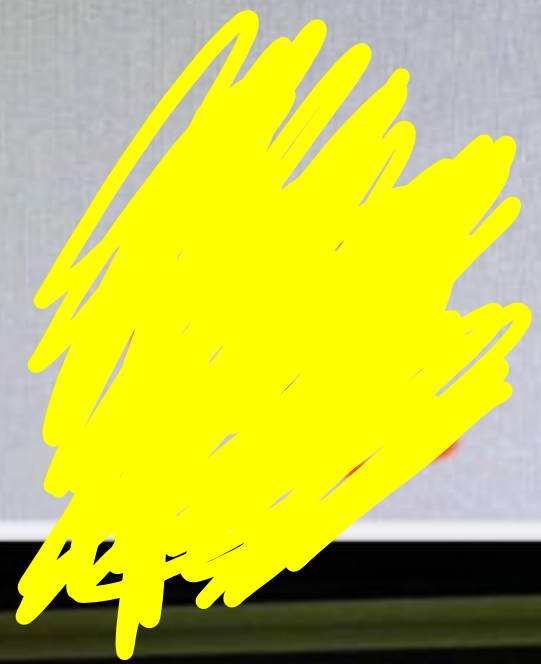
KCL OES

Question No. 4

Ecology is the science which.....

- Study the ecosystems
- Group and classify organisms
- Study organisms at the cell level
- no answer is correct

B



KCL OES

Question No. 7

Question No. 10

Which sequence CORRECTLY increases complexity in the levels of biology?

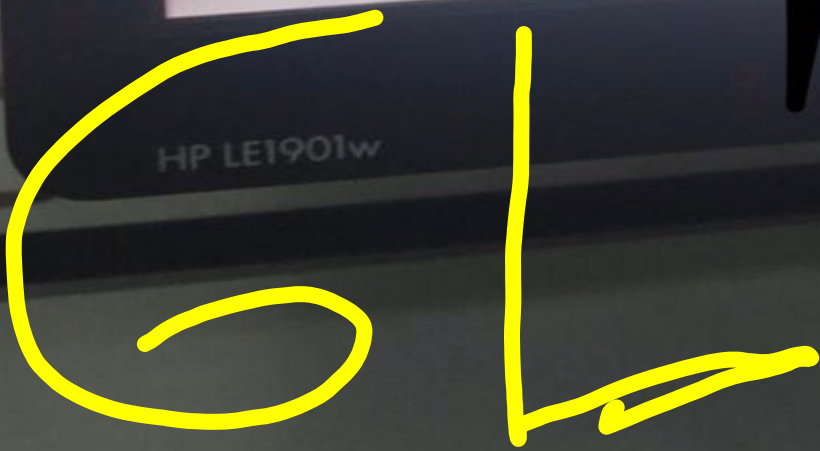
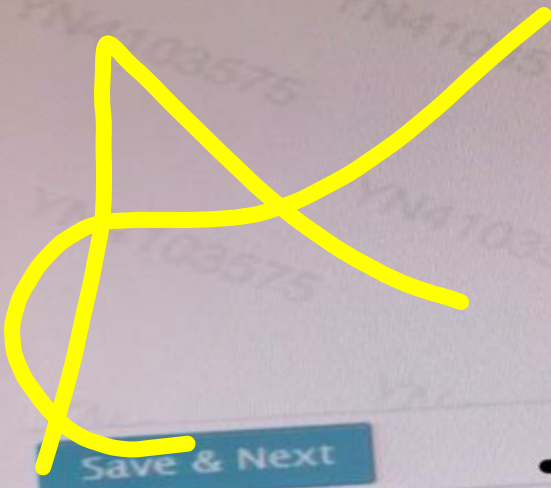
- Atoms, Molecules, Cells, Organs, Tissues
- Atoms, Molecules, Tissues, Organs, Cells
- Molecules, Atoms, Cells, Organs, Tissues
- Atoms, Molecules, Cells, Tissues, Organs

D

Question No. 11

The primary structure of the protein results from.....

- A unique amino acid sequence
- All answers are correct
- An interaction between the R groups of various amino acids
- The folding and colling of the polypeptide



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