

تجميعات الأحياء الميد الثاني

1441-2020

You are the person you
have been waiting for

The answers are done By :

دعواتكم: عفاف الجهني

عبدالله ✨ & مريم جدو 💕

دعواتكم ✨.

Total questions in exam: 25 | Answered: 5

Question No. 12

.....is NOT a component of the endomembrane system.

- Plasma membrane
- Chloroplast
- Lysosome
- Golgi apparatus

B

B

Save Text

Question No. 8

The place where the enzyme interacts with the its substrate is called.....

- Active site
- Coenzyme
- Cofactor
- Substrate

A

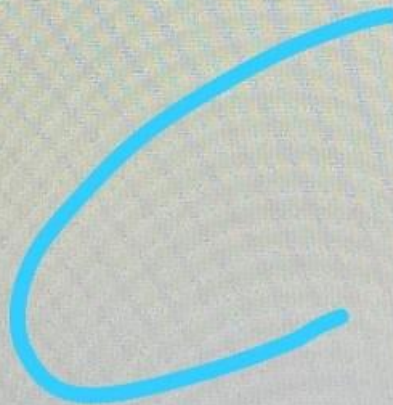
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Total questions in exam: 25 | Answered: 5

Question No. 9

Algae are.....

- Chemoautotrophs
- Heterotrophs
- Photoautotrophs
- All answers are correct



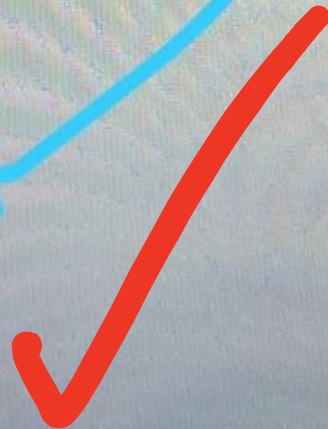
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Question No. 11

Ink molecules spread in an available space by

- Active transport
- Osmosis
- Exocytosis
- Diffusion

D



Save & Next

Total questions in exam: 25 | Answered: 5

Question No. 10

The membranes factory of the cell is.....

- Smooth ER
- Rough ER
- Ribosomes
- Lysosome

~~A~~
B

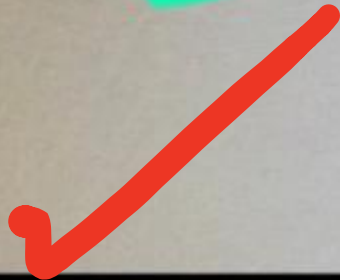
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Question No. 25

Aquaporins helps in.....

- Osmosis
- Exocytosis
- Active transport
- Passive transport

D

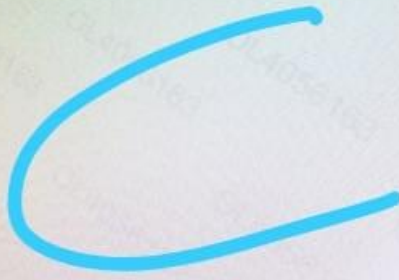


Question No. 25
Membranes may fold inward enclosing material from the outside by a process called.....

- Passive transport
- Exocytosis
- Pinocytosis
- Diffusion

Membranes may fold inward enclosing material from outside

Save & Next



ProDisplay P201

- Phospholipids
- Carbohydrates
- Protein
- Nucleic Acids

A ✓

Save & Next

MKCL OES

Total questions in exam: 25 | Answered: 22

Question No. 14

An enzyme speeds up the chemical reaction and

- is reacting with the reactants
- is not consumed in the reaction
- None of them
- is raising the activation energy

B

Mod 1 Q3

Total questions in exam: 25 | Answered: 18

Question No. 11

Which of the following stages require oxygen?

- Calvin cycle
- Glycolysis
- Dark reactions
- Electronic transport chain



Question No. 15

Which of the following membrane activities require energy in the form of ATP?

- Movement of water into a cell
- Na⁺ ions moving out of the cell against concentration gradient
- Movement of carbon dioxide outside cells
- Movement of oxygen molecules into the cell

B

Save & Next

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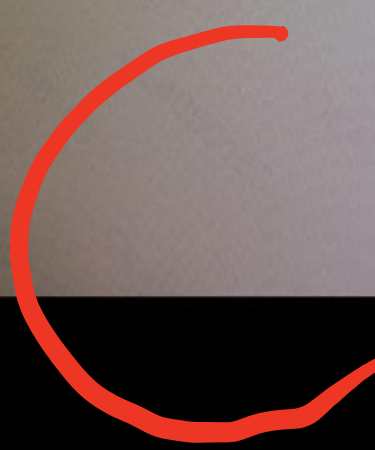


total questions in exam: 25 | Answered: 22

Question No. 20

Which structure is present in animal cells?

- Lysosomes
- Cell membrane
- All answers are correct
- Mitochondria



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MKCL OES

Total questions in exam: 25 | Answered: 22

Question No. 19

The step in aerobic respiration which is absent in anaerobic respiration is

- Calvin cycle
- Glycolysis
- All answers are correct
- Krebs cycle

D



Question No. 2

The electron carrier that is involved in the glycolysis is

- NAD
- FAD
- None of them
- NADP

Because it's NADH
and FADH

Question No. 21

Which of the following structures can NOT be found in prokaryotic cells?

- DNA
- cytoplasm
- mitochondrion
- plasma membrane



Question No. 23

Aquaporins are.....

- Transport proteins
- Fatty acids
- Enzymes
- Polysaccharides

A

MCQ 013

Total questions in exam: 25 | Answered: 22

Question No. 24

Pancreatic cell that exports insulin and digestive enzymes have more

- Golgi bodies
- Lysosome
- Mitochondria
- Smooth Endoplasmic Reticulum

A

Which organelle plays a role in the digestion of macromolecules?

- chloroplast
- Golgi apparatus
- ribosome
- lysosome

D

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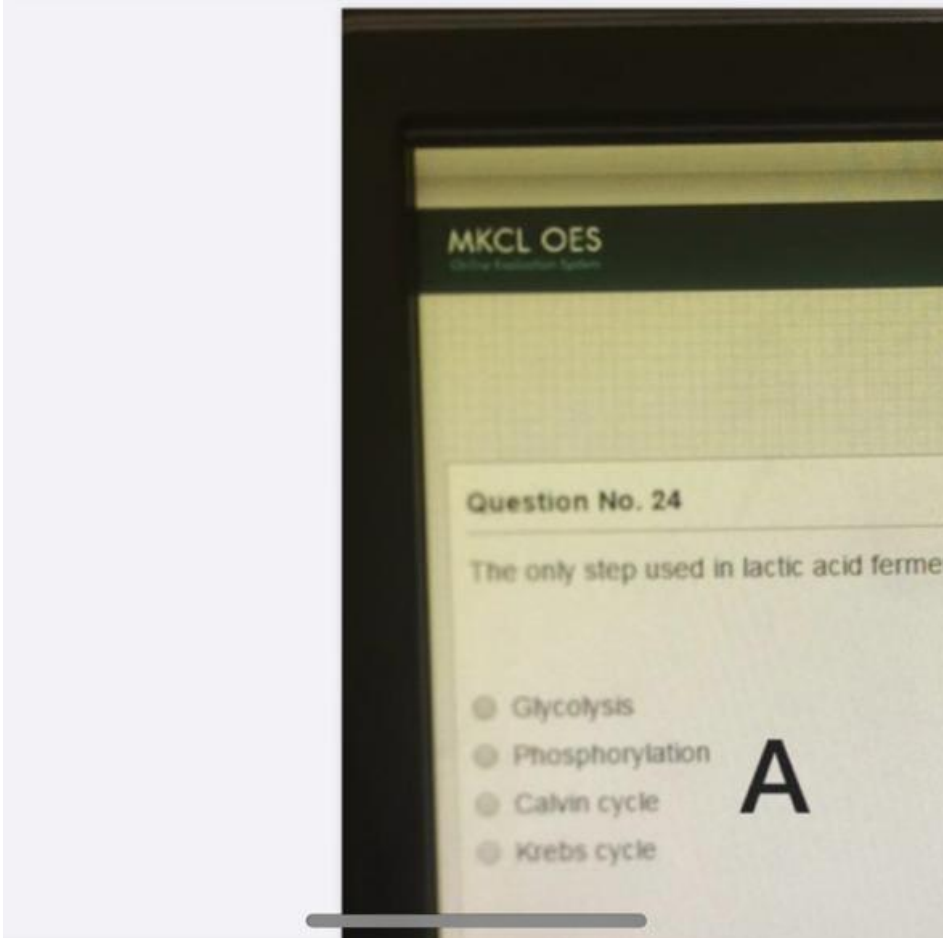
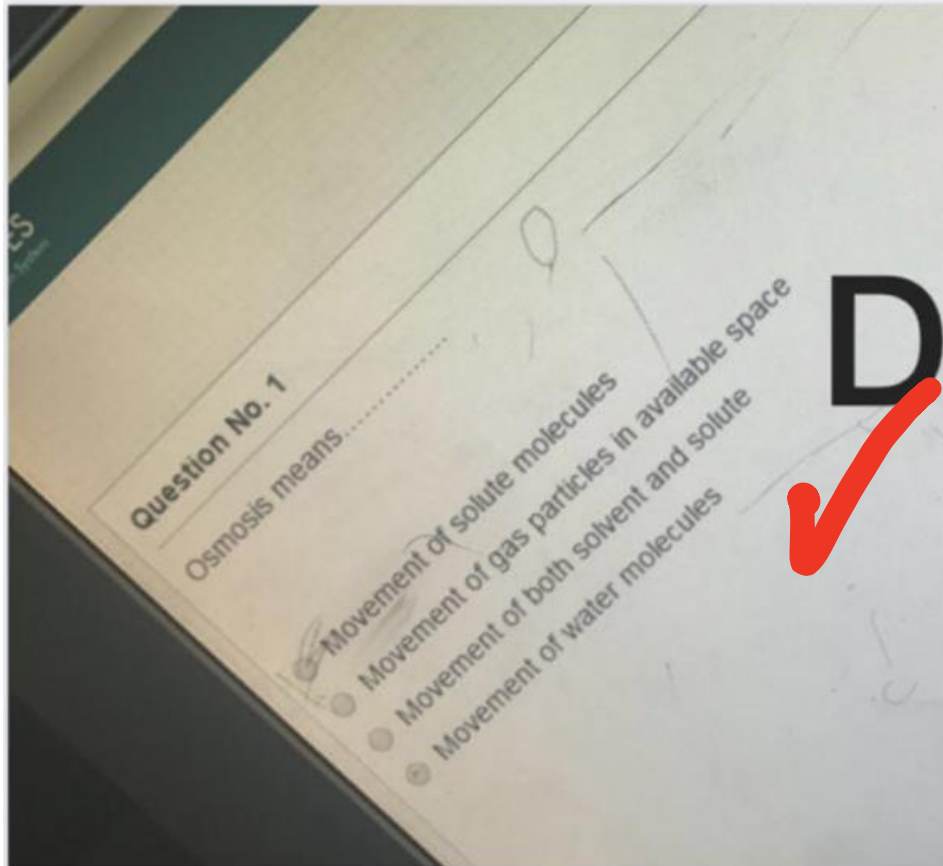


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LTE

[Back](#)

احياء Q2



Total questions in exam: 25 | Answered: 1

Question No. 2

The fluid of the chloroplast surrounding the molecules from carbon dioxide and water.

- stroma
- Intermembrane space
- granum
- Stoma

A

Question No. 4

which of the following molecules are expected to be produced by cells with a large numbers of ribosomes?

- nucleic acids
- lipids
- proteins
- glycogen

Save & Next

HP Compaq LE1711

Organelles are normally found in.....

- vacuole
- cytoplasm
- nuclear envelope
- nucleus

B

Question No. 3

These structures are found in bacteria, EXCEPT

- DNA
- nuclear envelope
- plasma membrane
- Flagella

B

Total questions in exam: 25 / Answered: 22

100%

Question No. 22

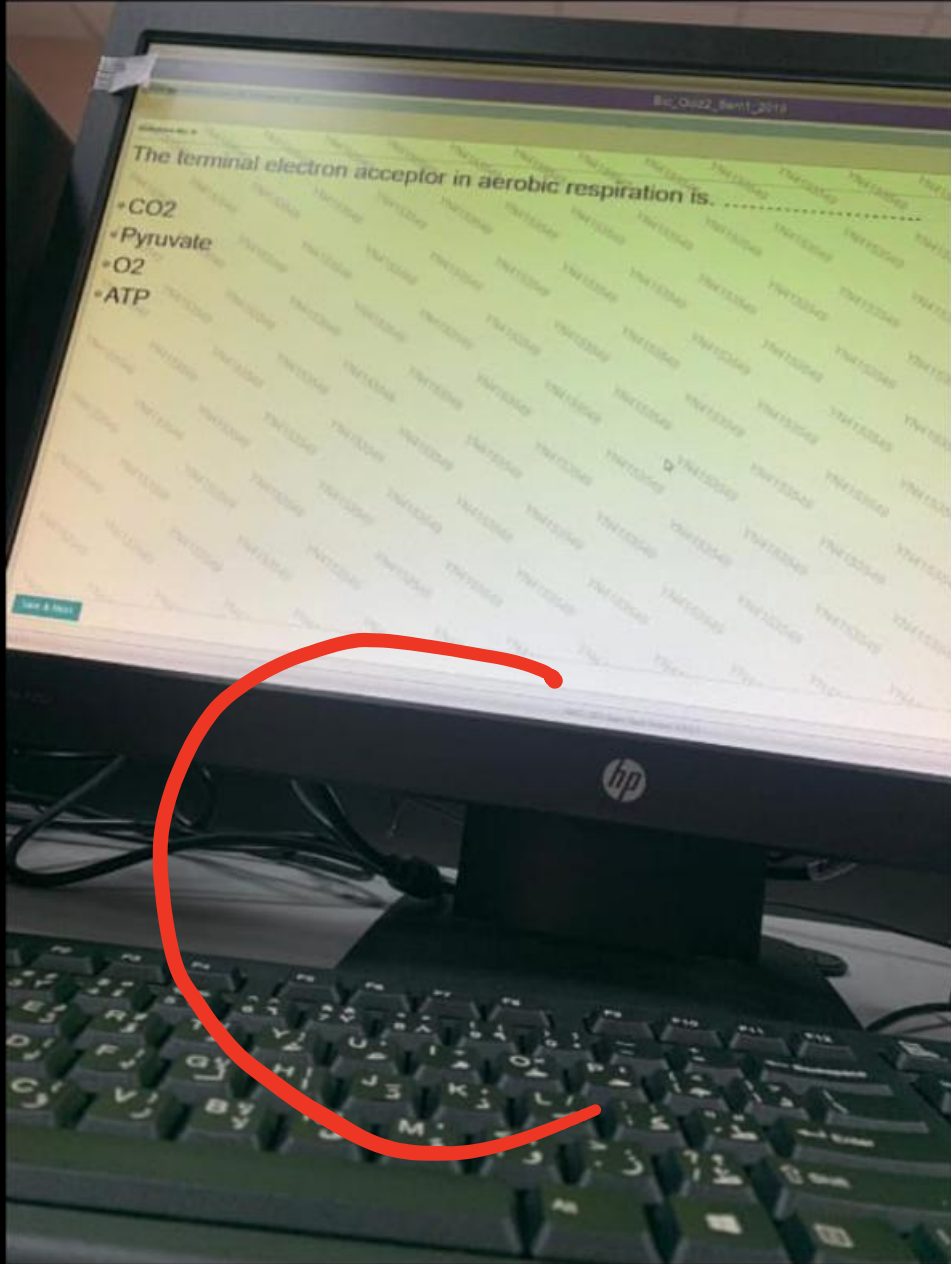
Which of the following membrane activities require energy from ATP?

- Na⁺ ions moving out of the cell
- Movement of glucose molecules
- Movement of water into a cell
- Movement of carbon dioxide outside cells

A



قبل ١٣ دقيقة



Question No. 18

Fermentation allows cells to produce ATP without using

- O₂
- Water
- CO₂
- Nitrogen

A

Save & Next

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Question No. 16

The site for synthesis of many organic compounds in the

- Endoplasmic reticulum
- Mitochondria
- Golgi
- Lysosome

A



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Question No. 11

Question No. 29

The molecule that cross the plasma membrane easily is

- protein
- lipid
- Oxyegn
- complex carbohydrates

C

CO_2 , O_2 , and H_2O *

Question No. 17

Organelles that modifies products of the endoplasmic reticulum.....

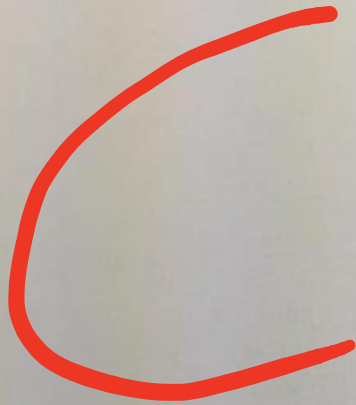
- Lysosomes
- Ribosomes
- Endoplasmic reticulum
- Golgi apparatus

D

Question No. 6

A protective layer external to the plasma membrane in the cells of plants

- Nuclear envelope
- Endoplasmic reticulum
- Cell wall
- Nucleoid



Save & Next

Competitive inhibitors

- None of them
- Compete with coenzymes
- Compete with active site
- Changes enzyme 3D

A

Which of the following is a result of glycolysis?

- Production of oxygen
- Loss of 6 ATP per glucose molecule
- Gain of 28 ATP per glucose molecule
- Change of glucose to two three-carbon compounds

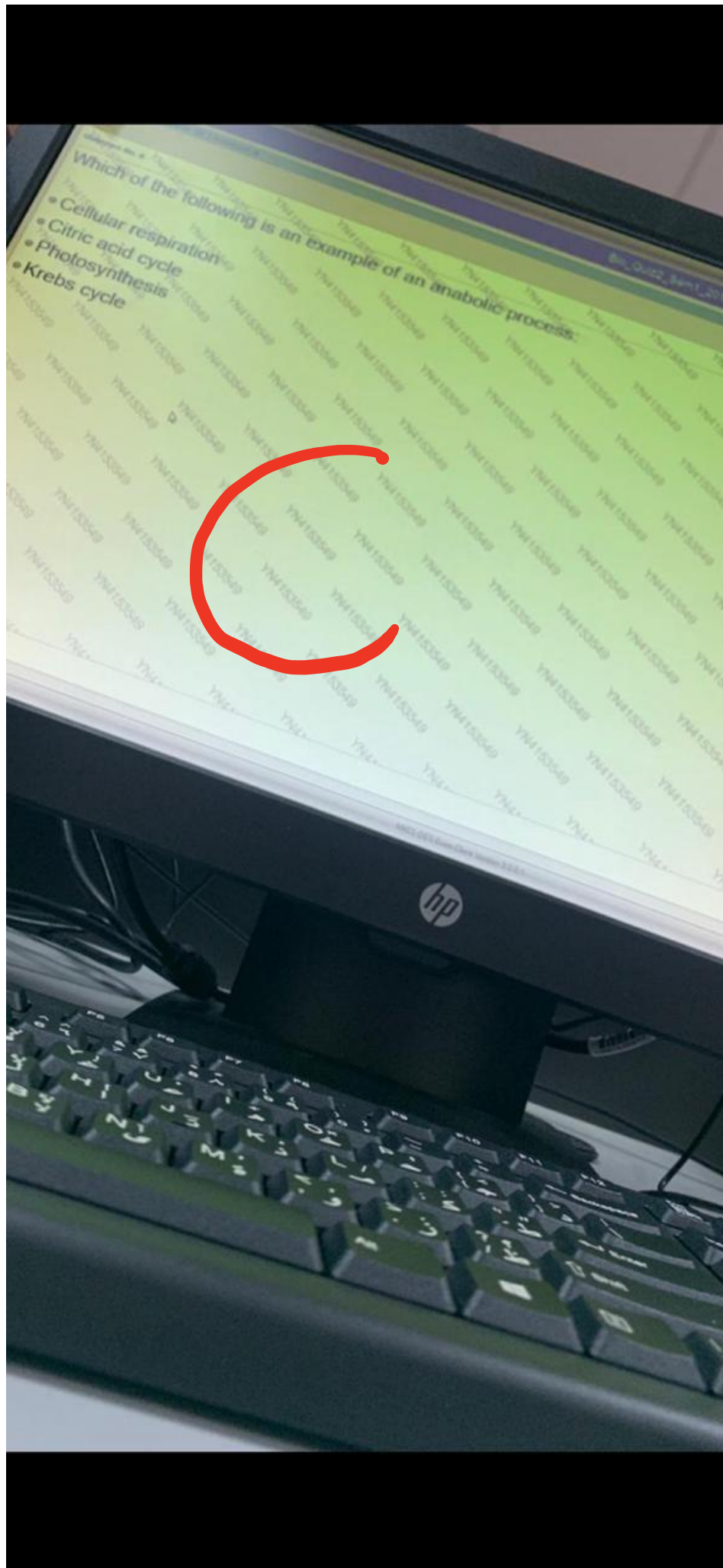
D

Question No. 24

In glycolysis, the activation of glucose is accomplished by:

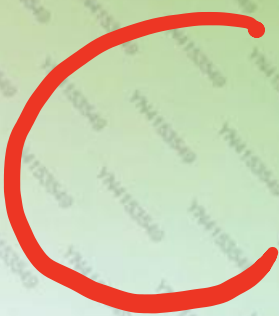
- NADH
- NADPH
- O₂
- ATP

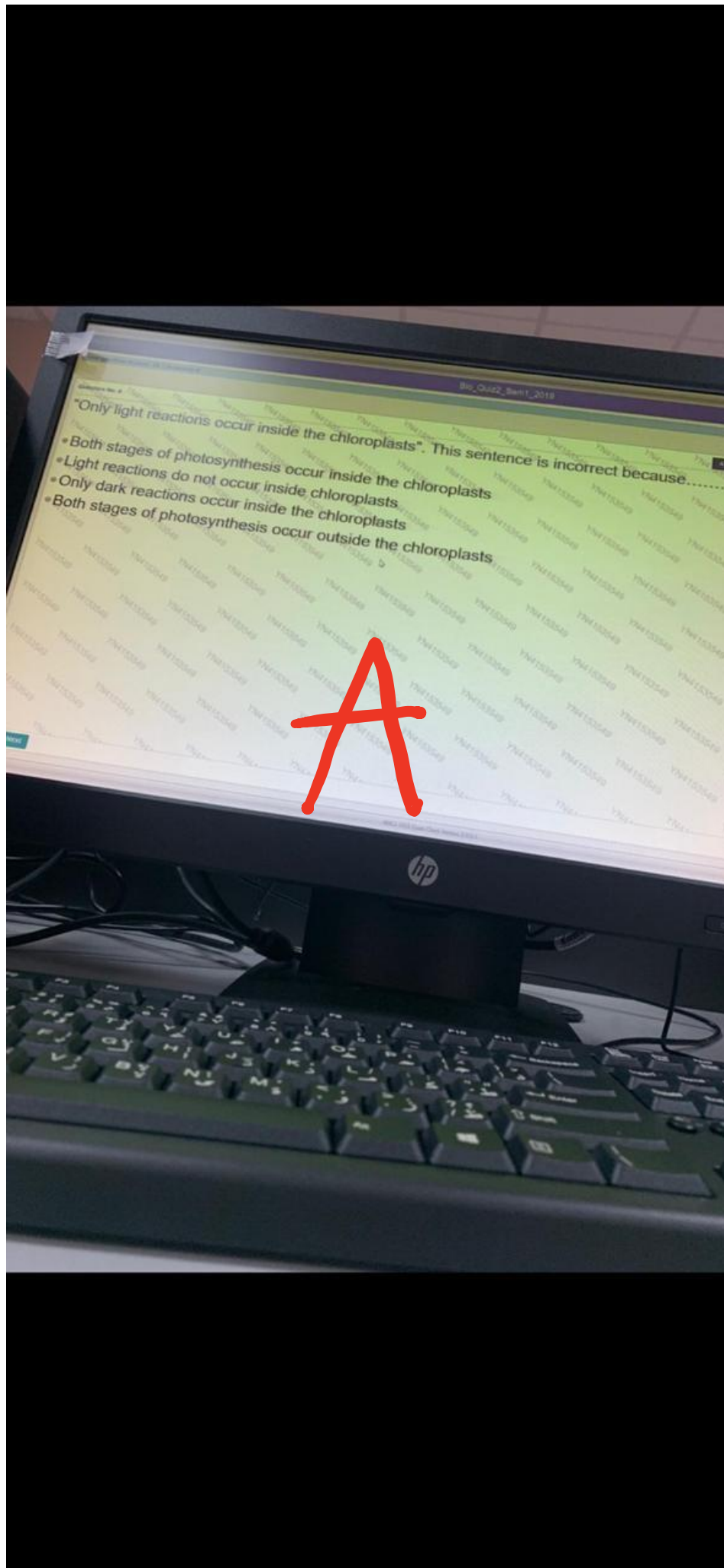




Which of the following is an example of an anabolic process?

- Cellular respiration
- Citric acid cycle
- Photosynthesis
- Krebs cycle





"Only light reactions occur inside the chloroplasts". This sentence is incorrect because.....

- Both stages of photosynthesis occur inside the chloroplasts
- Light reactions do not occur inside chloroplasts
- Only dark reactions occur inside the chloroplasts
- Both stages of photosynthesis occur outside the chloroplasts

A

- Fungi
- Autotrophs
- Heterotrophs
- Animals

depend on themselves to make their own food

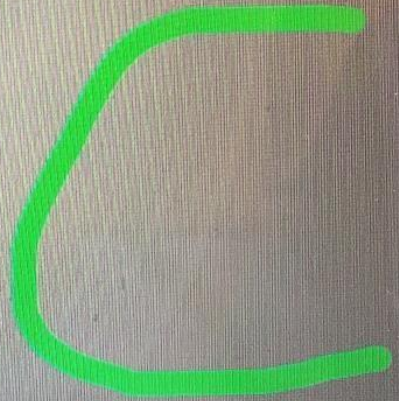
B



Question No. 3

How is bulk molecule enters through phospholipid bilayer?

- Assistance of membrane proteins
- Exocytosis
- Endocytosis
- All answers are correct

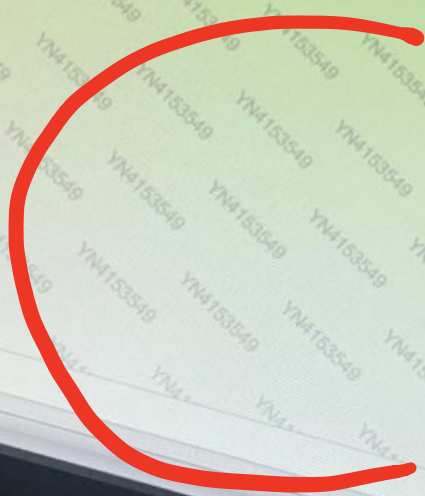


in osmosis, water moves from

- High, high
- High, low
- Low, high
- Low, low

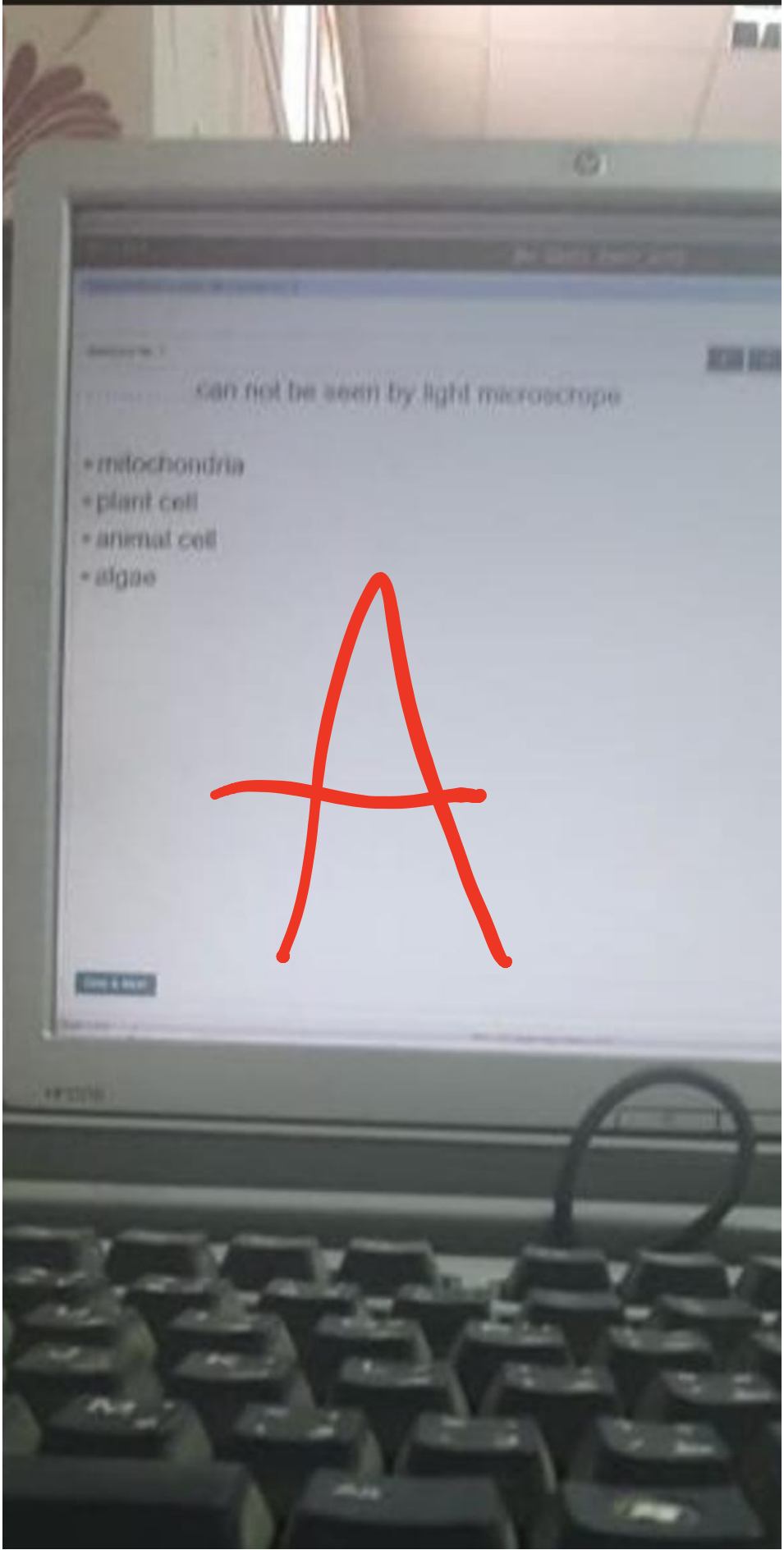
Solute Concentration to

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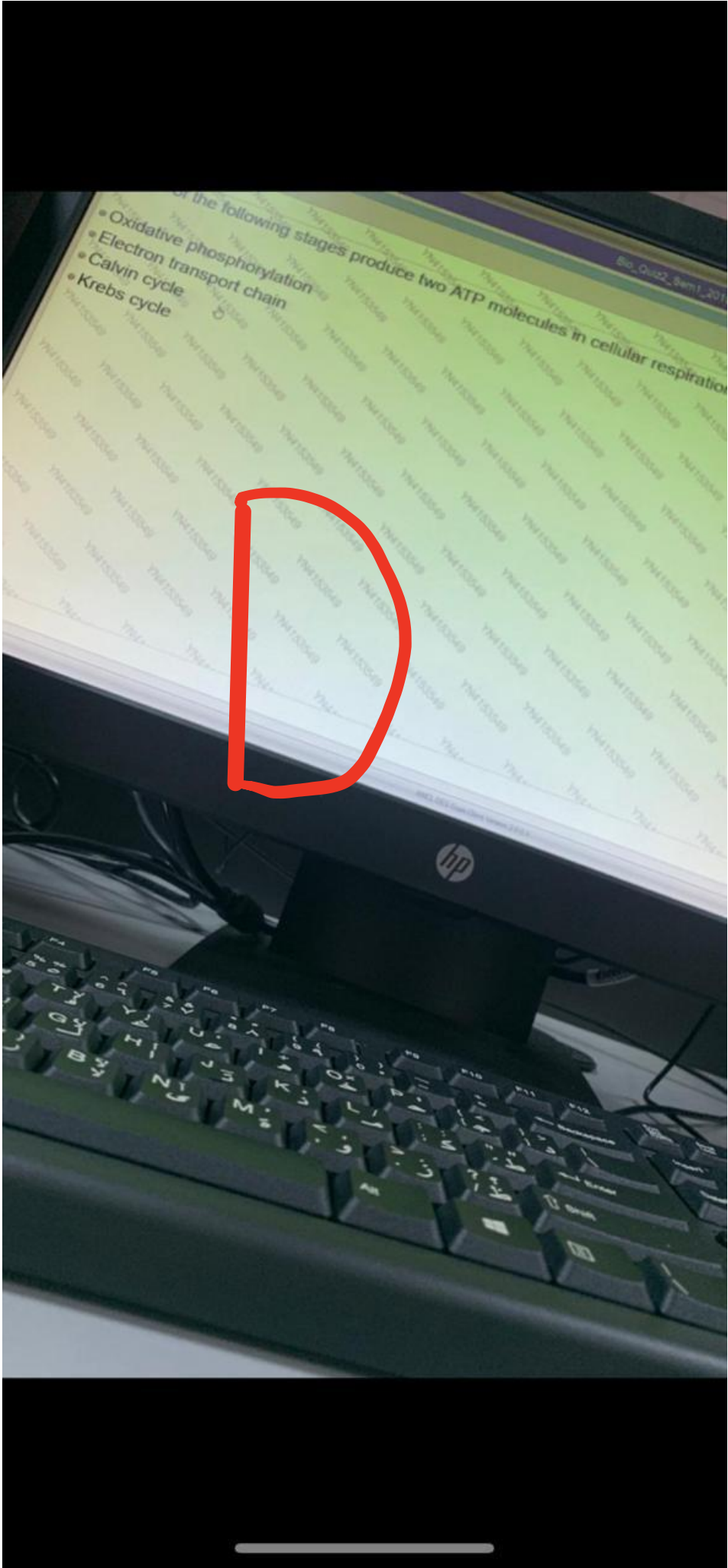
QUESTION TO



..... can not be seen by light microscope

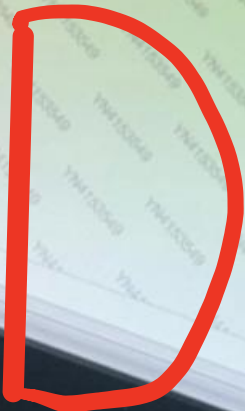
- mitochondria
- plant cell
- animal cell
- algae

A



of the following stages produce two ATP molecules in cellular respiration

- Oxidative phosphorylation
- Electron transport chain
- Calvin cycle
- Krebs cycle

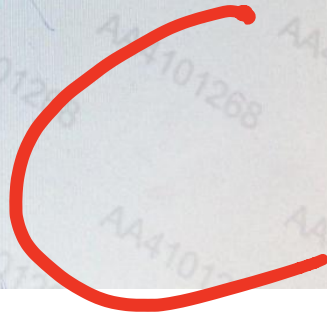


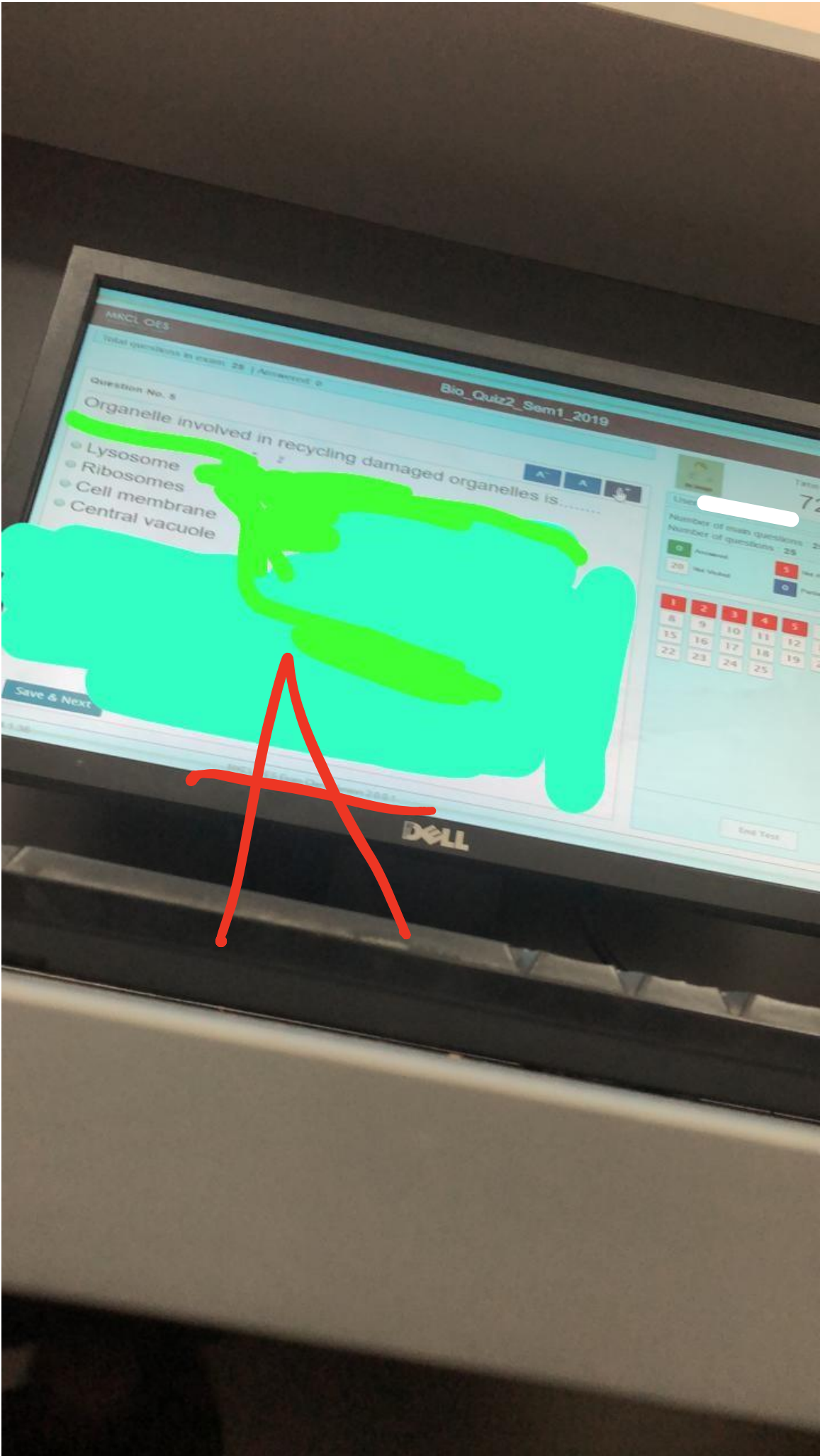
Question No. 6

A⁻ A A⁺

The inner membrane folded into cristae (large surface area for respiratory enzymes) is the component of

- Golgi apparatus
- chloroplast
- mitochondria
- ribosomes





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Total questions in exam: 25 | Answered: 0

Bio_Quiz2_Sem1_2019

Question No. 5

Organelle involved in recycling damaged organelles is.....

- Lysosome
- Ribosomes
- Cell membrane
- Central vacuole

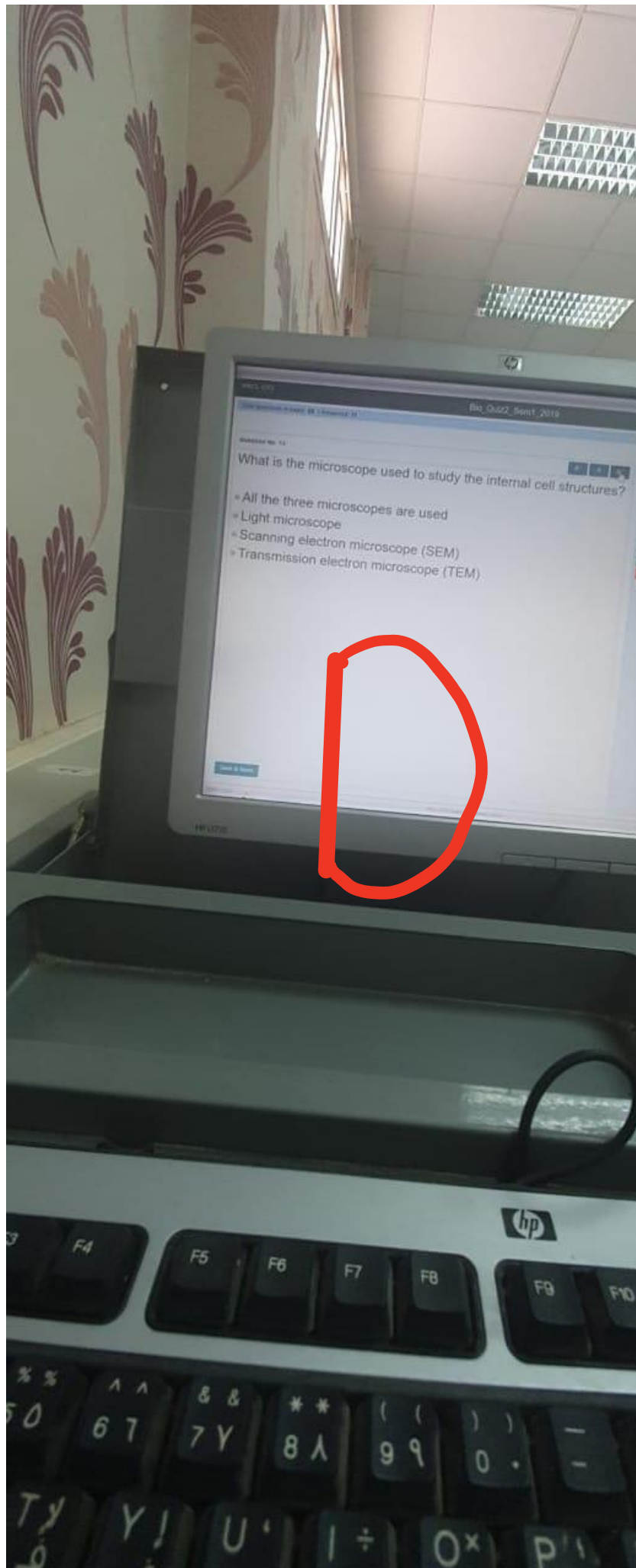
Number of main questions: 25
Number of questions: 25
Answered: 0
Not Attempted: 25

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

Save & Next

End Test

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HP

Bio Quiz, Sem1, 2019

QUESTION No. 13

What is the microscope used to study the internal cell structures?

- All the three microscopes are used
- Light microscope
- Scanning electron microscope (SEM)
- Transmission electron microscope (TEM)

D

HP

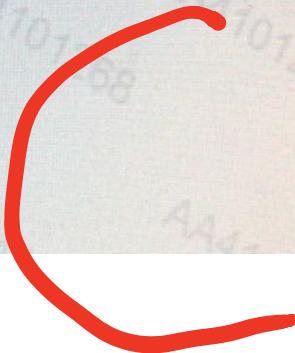


Question No. 8

A⁻ A A⁺

During photosynthesis, photoautotrophs combine carbon dioxide and water to produce carbohydrates and which of the following?

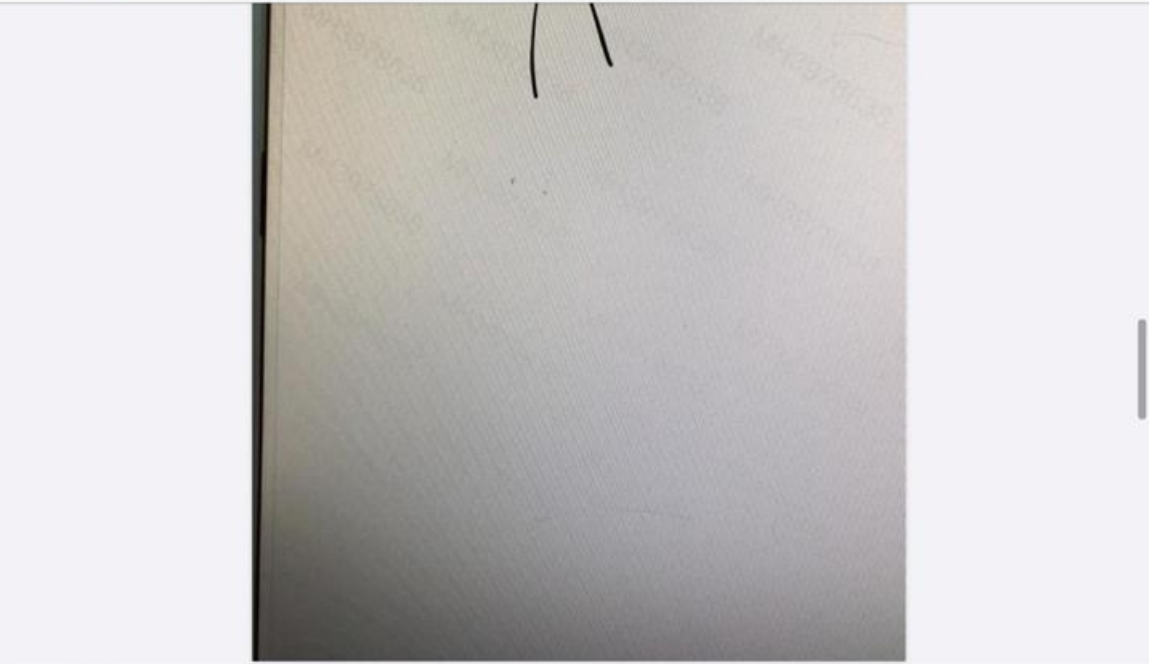
- H₂O
- CH₄
- O₂
- CO₂





أحياء كوييز 2 , 2019

الخلف >



Question No. 11
The space between chloroplast/mitochondria surrounding membranes is called ...

- Intra-membrane space
- Outer membrane space
- Inter-membrane space
- Inner membrane space

Total questions in exam: 25 | Answered: 18

Question No. 6
The Golgi apparatus

- is a digestive compartment within the cell
- is a biosynthetic factory
- finishes, sorts and ships cell products
- stores molecules and wastes

Question No. 20

Which best describes the activity of autotrophs?

- They convert carbon dioxide and water into complex, energy-rich organic molecules
- They use the energy harvested by other photosynthetic organisms
- They convert chemical energy into heat energy
- They use the energy harvested by heterotrophs

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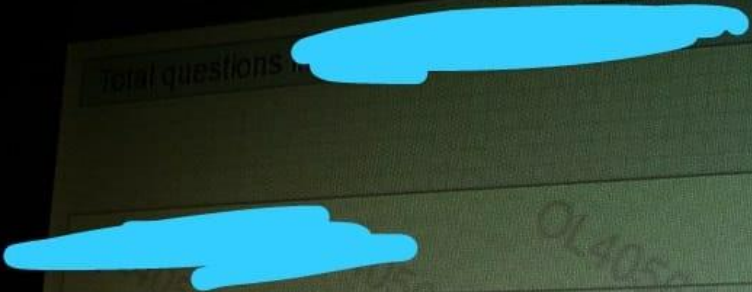
A

HP 11710

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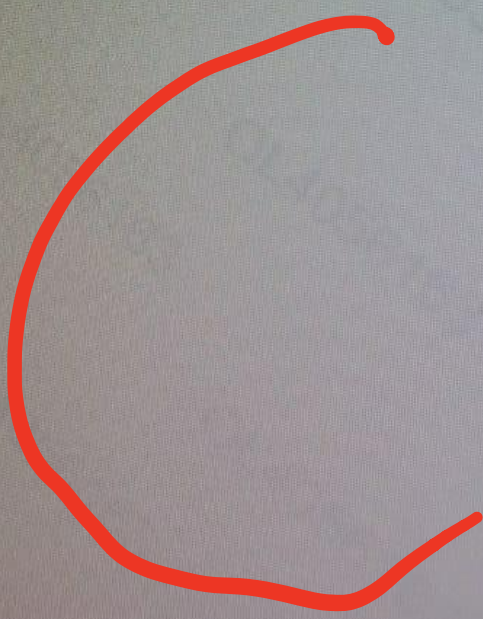
MCQ 05

Total questions



Which structure is present in animal cells?

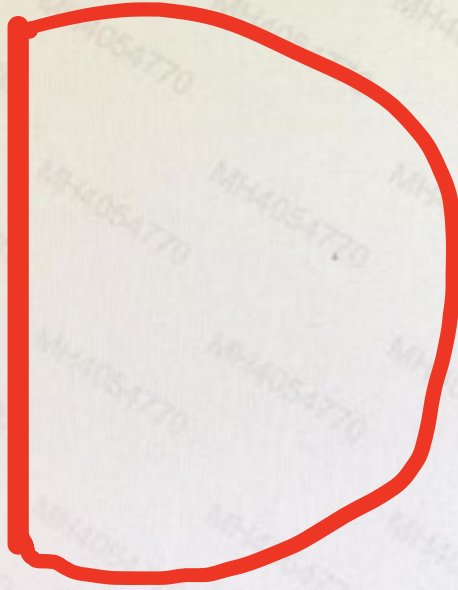
- Lysosomes
- Cell membrane
- All answers are correct
- Mitochondria



Question No. 25

The process of converting carbon dioxide and water, in presence of sunlight, producing glucose and oxygen is

- Building up of large molecules from simple inorganic ones.
- Energy-converting cellular process
- Anabolic process
- All answers are correct



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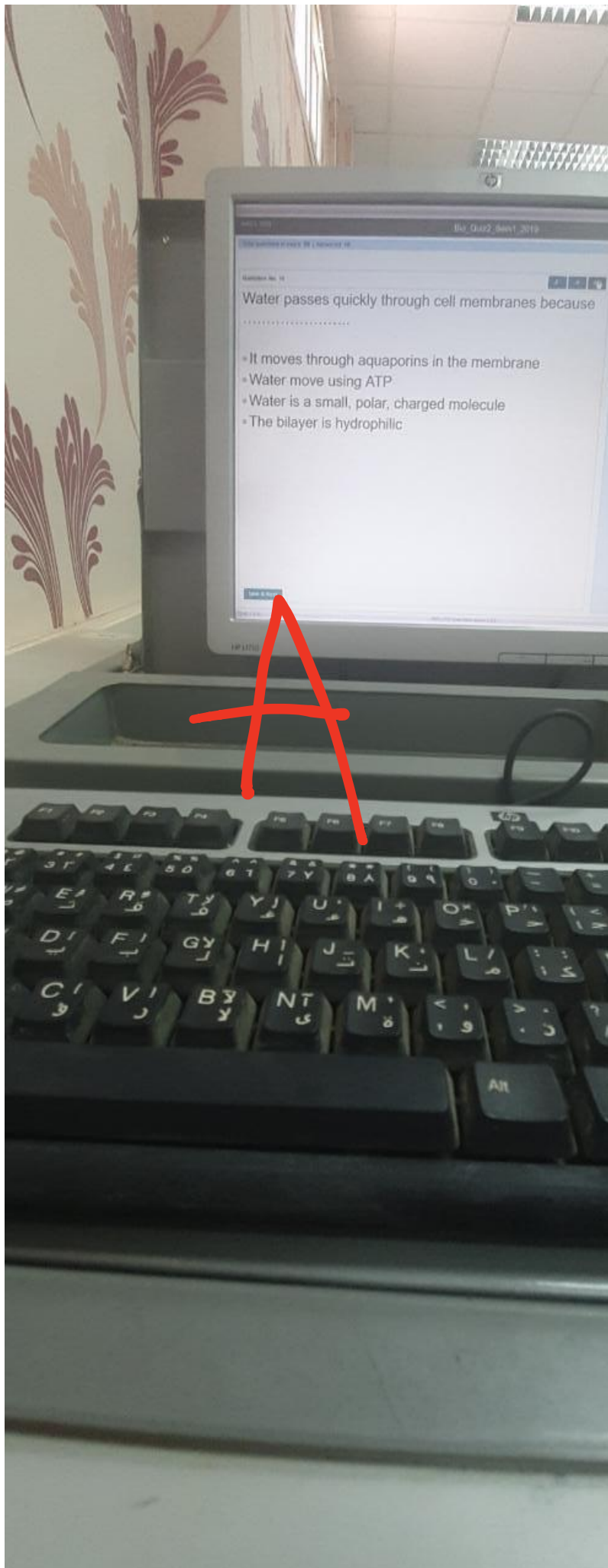
Question No. 1

Glucose synthesis is resulted from.....

- Light reaction
- Dark reaction
- None of them
- Oxidation reaction

B

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Question No. 10

Water passes quickly through cell membranes because

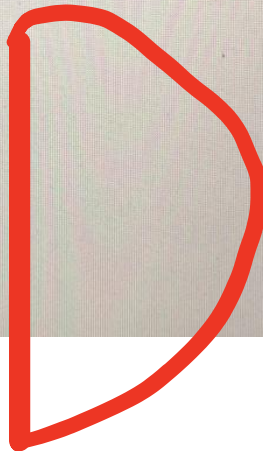
- It moves through aquaporins in the membrane
- Water move using ATP
- Water is a small, polar, charged molecule
- The bilayer is hydrophilic

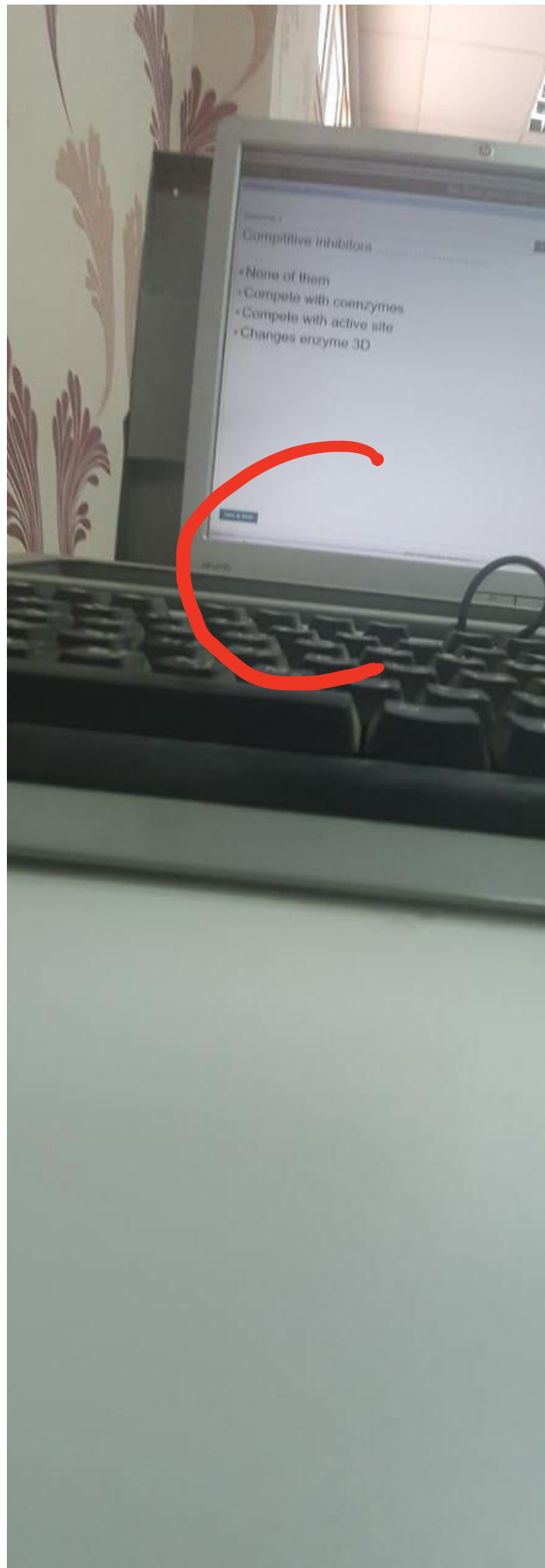
A

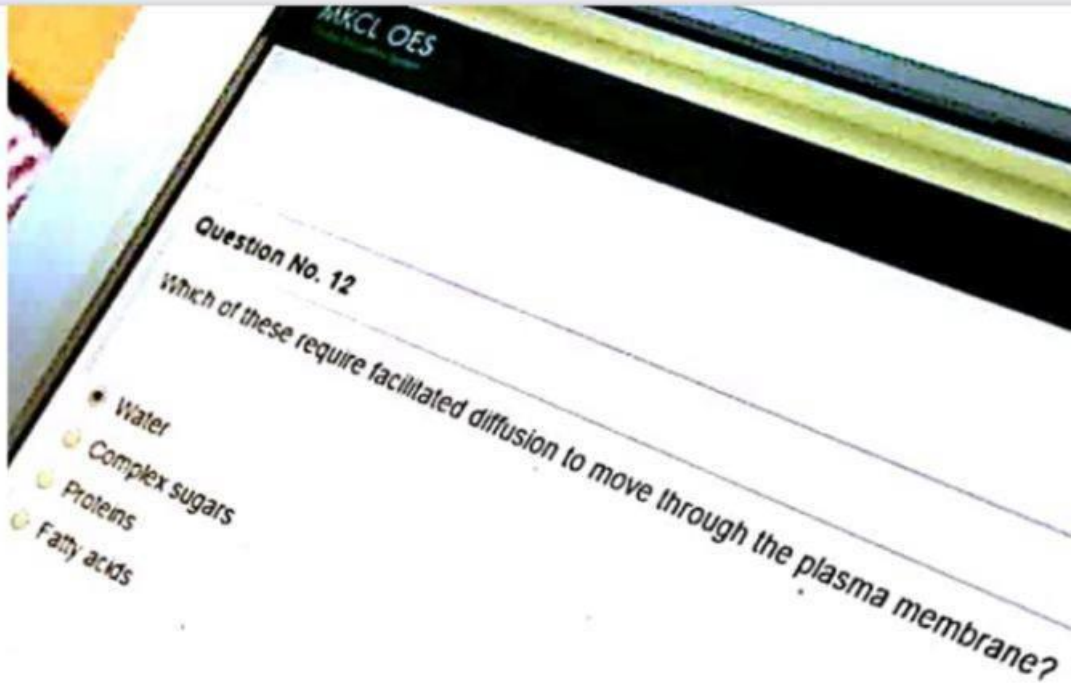
Question No. 15

The process of converting carbon dioxide and water, in presence of sunlight, producing glucose and oxygen is

- Building up of large molecules from simple inorganic ones
- Anabolic process
- Energy-converting cellular process
- All answers are correct







A

Total questions in exam 26 | Answered 18

Question No. 20

Chlorophyll

- Help plants carry out photosynthesis
- Protects plant from excessive heat
- Helps plants in cellular respiration
- Helps plants in movement

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Question No. 13

..... Converts the chemical energy stored in food into ATP

- Golgi Apparatus
- Lysosome
- Mitochondrion
- Chloroplast



Save & Next

Question No. 21

In absence of oxygen, muscle cells supplied with pyruvate will produce

- Water
- Electrons
- Lactate
- Oxygen



Save & Next



Total questions in exam: 25 | Answered: 10

Question No. 7

Which of the following is an example of an anabolic process:

- Krebs cycle
- Cellular respiration
- Citric acid cycle
- Photosynthesis

D

Total questions in exam: 20 | Answered: 20

Question No. 3

The products of the Krebs cycle are the following, except

- CO₂
- O₂
- ATP
- NADH

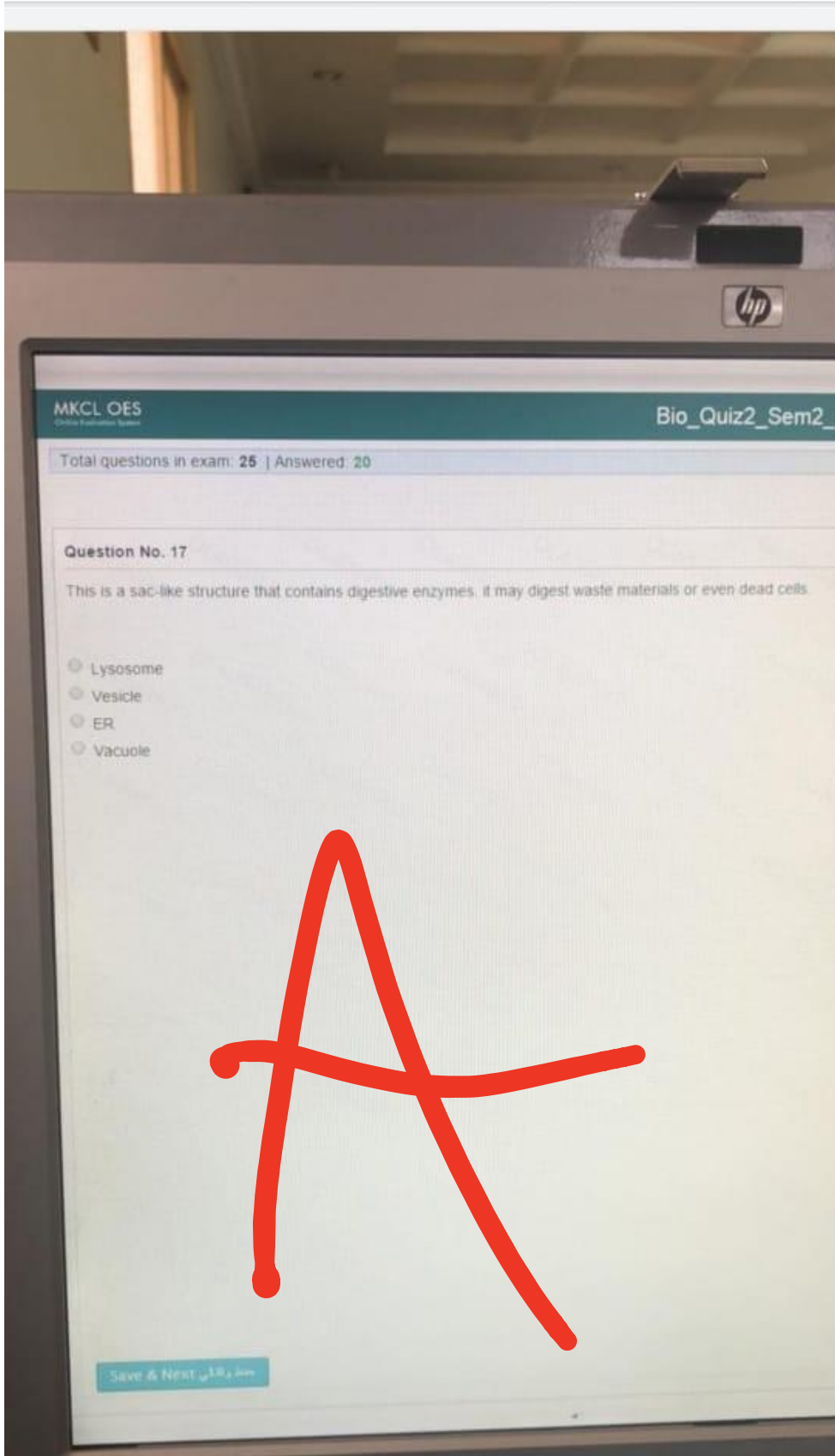
B



The site for synthesis of many organic compounds in the

- Endoplasmic reticulum
- Mitochondria
- Golgi
- Lysosome

A



Question No. 12

Each enzyme has a particular target molecule called.....

- Active site
- Coenzyme
- Substrate
- Cofactor

C

C



Total questions in exam: 25 | Answered: 0

Question No. 14

..... are photosynthetic organelles found in some plant and algae cells

- Mitochondria
- Chloroplast
- Lysosomes
- Golgi apparatus

B

B

Save & Next

Question No. 8

Which group of the following is most...



Question No. 11

Movement of solute against concentration gradient is called.....

- Active transport
- Osmosis
- Passive transport
- Diffusion

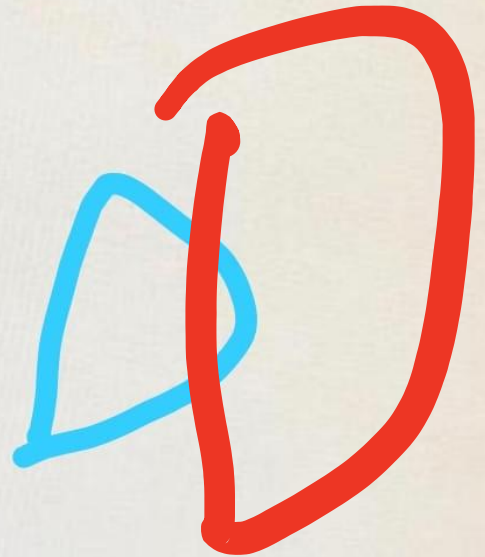
a

A

Question No. 12

In a solution, the solute is _____.

- the substance present in the greatest amount
- always water
- always a solid
- the substance present in the smallest amount



Question No. 13

What are the benefits of photosynthesis?

- It makes organic molecules like sugar
- All answers are correct
- It begins all food chain
- It produces oxygen gas

B

Question No. 14

An enzyme speeds up the chemical reaction and

- is reacting with the reactants
- is not consumed in the reaction
- None of them
- is raising the activation energy

B

Question No. 23

Aquaporins are.....

- Transport proteins
- Fatty acids
- Enzymes
- Polysaccharides

A

Question No. 17

In photosynthesis, sugar is produced in the..... through

- Thylakoid, Calvin cycle
- Thylakoid, light dependent reactions
- Stroma, Calvin cycle
- Stroma, Light dependent reactions

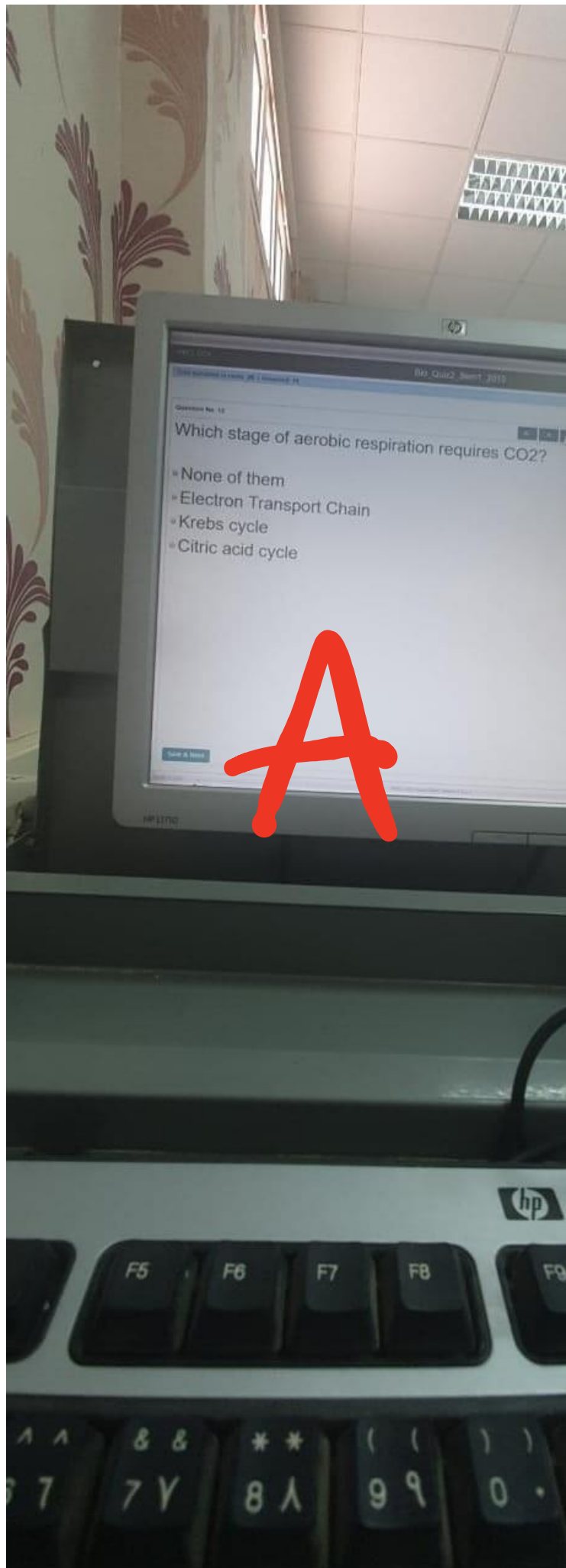


Question No. 11

Which of the following stages require oxygen?

- Calvin cycle
- Glycolysis
- Dark reactions
- Electronic transport chain

D



Which stage of aerobic respiration requires CO₂?

- None of them
- Electron Transport Chain
- Krebs cycle
- Citric acid cycle

A

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F6

F7

F8

F9

7

8 Y

9

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Total questions in exam: 25 | Answered: 15

Question No. 21

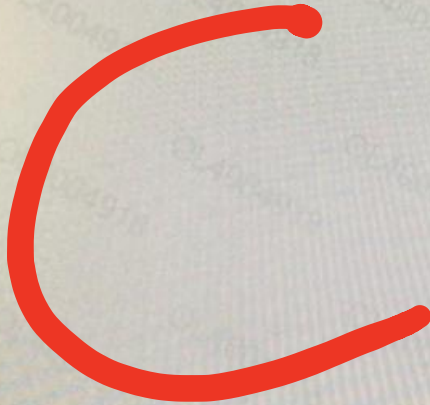
What is the most likely pathway taken by a newly synthesized protein that will be secreted by a cell?

ER → lysosomes → vesicles that fuse with plasma membrane

Golgi → ER → lysosome

ER → Golgi → vesicles that fuse with plasma membrane

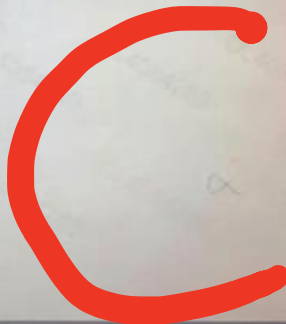
nucleus → ER → Golgi



Question No. 1

Charged ions are traveling through protein channels in the plasma membrane with the concentration gradient is considered as

- Simple diffusion
- Active transport
- Facilitated diffusion
- Endocytosis

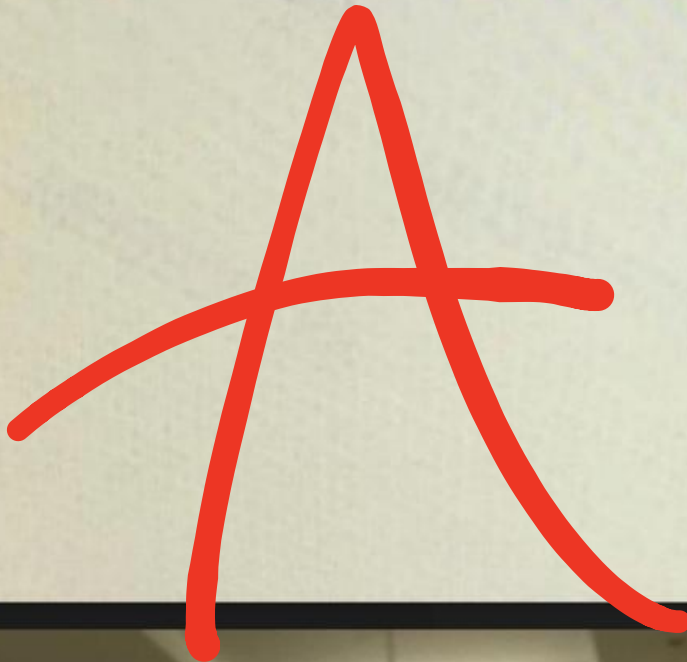




Question No. 22

Plasma membrane is

- Semi-Permeable
- Impermeable
- triple layer of phospholipids
- Permeable



Question No. 12

Ribosomal subunits are manufactured by the.....

- smooth ER
- Golgi apparatus
- nucleolus
- ribosomes

C

C

Question No. 14

What term describes the movement of molecules that are pumped from an area of low concentration to an area of high concentration?

- Diffusion
- Passive transport
- Active transport
- None of them

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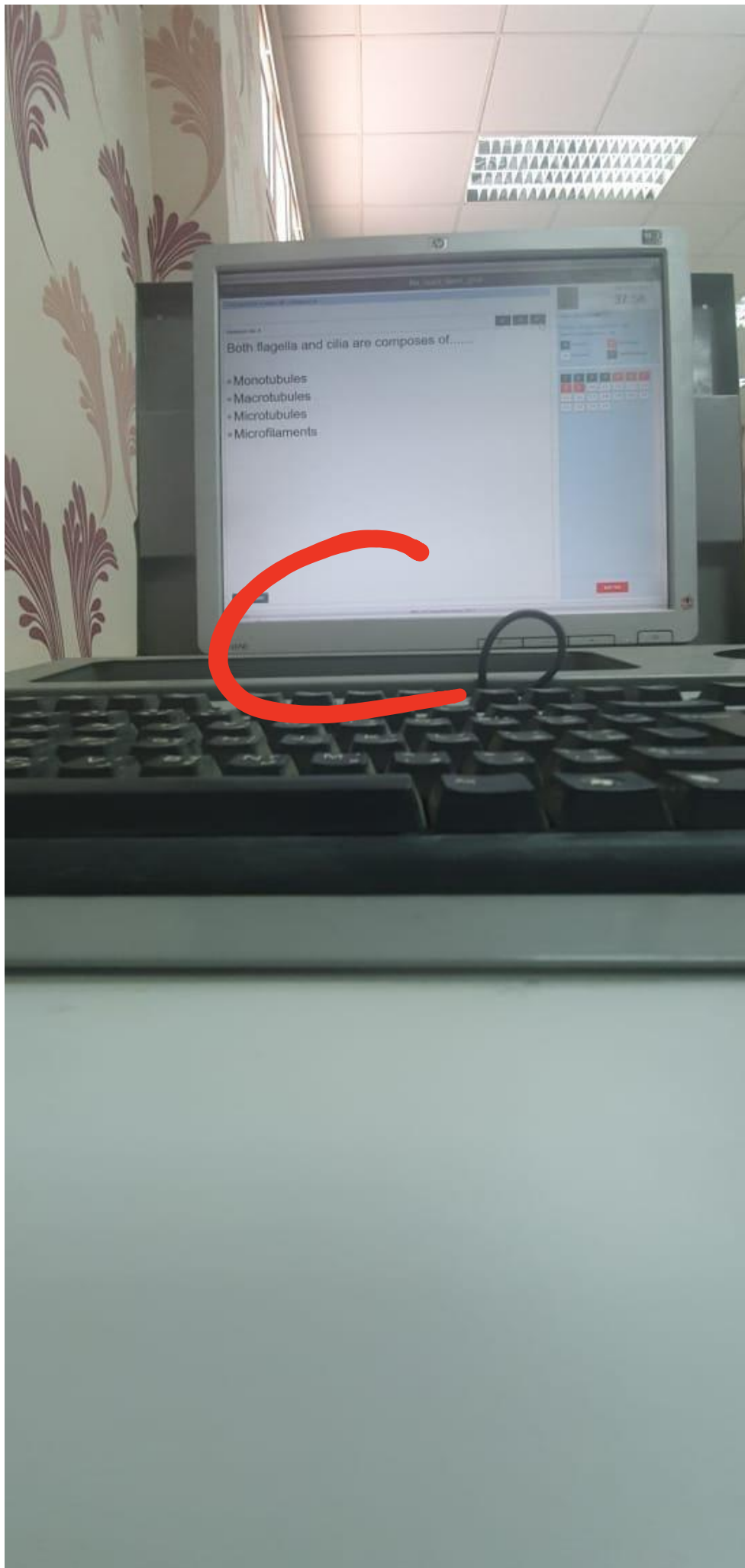
Question No. 16

The process by which large molecules exit from the cell isand enter the cell is

- Osmosis - Diffusion
- Endocytosis - Exocytosis
- Exocytosis - Endocytosis
- Diffusion - Osmosis



Save & Answer



Both flagella and cilia are composed of.....

- Monotubules
- Macrotubules
- Microtubules
- Microfilaments



Total questions in exam: 25 | Answered: 15

Question No. 16

Algae are.....

- All answers are correct
- Chemoautotrophs
- Photoautotrophs
- Heterotrophs



Save & Next

Total questions in exam: 25 | Answered: 15

Question No. 17

Which of the following is common between glycolysis and Krebs cycle?

- All answers are correct
- They produce 2 ATP molecules
- They occur inside the mitochondria
- They produce pyruvate

B

Total questions in exam: 25 | Answered: 0

Question No. 2

Products of glycolysis include :

- NADH, ATP and pyruvate
- FADH₂, NADH and pyruvate
- NADH, ATP and CO₂
- FADH₂, NADH and CO₂

Save & Exit

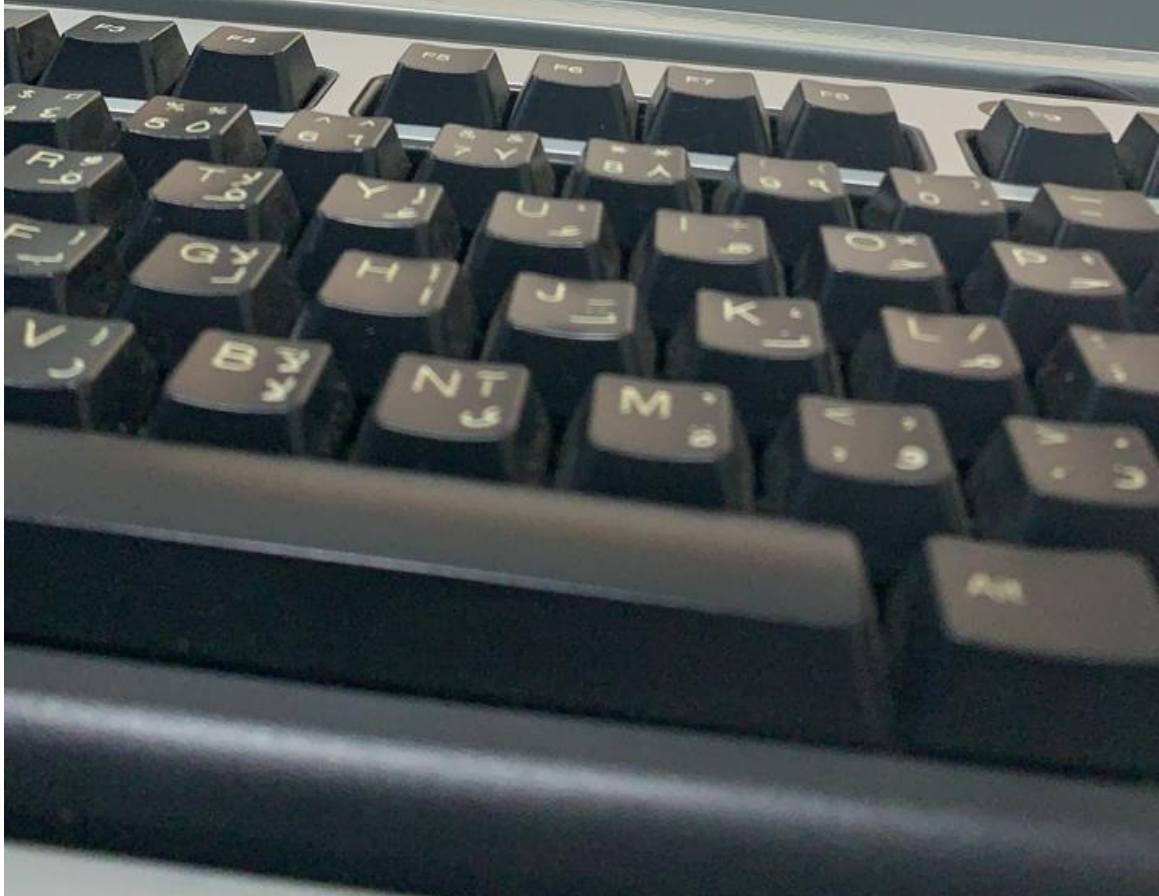
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Which transport does not need energy?

- Active and Passive
- Passive
- Active
- All answers are correct

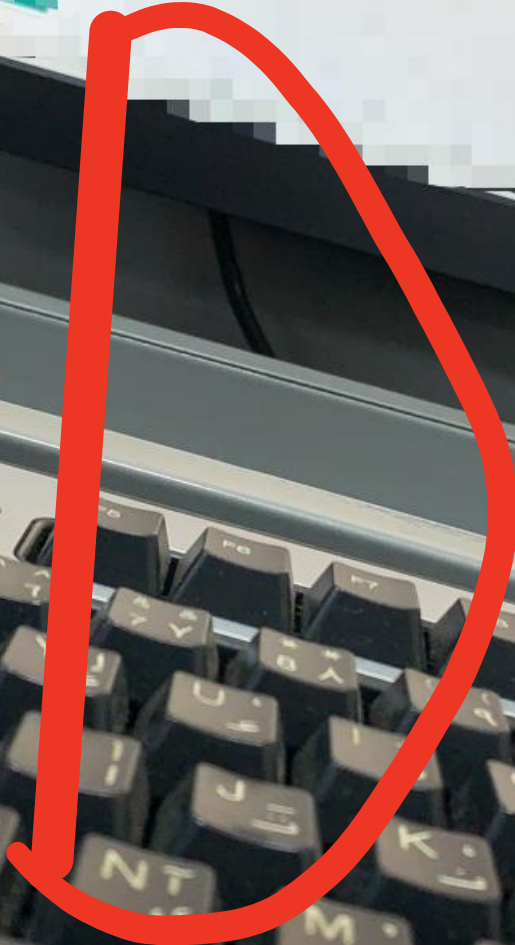
B



Oxidative phosphorylation is:

- 1st stage during which oxygen is reduced to water
- 3rd stage of aerobic cellular respiration
- Produced most ATP molecules in the cell
- All answers are correct

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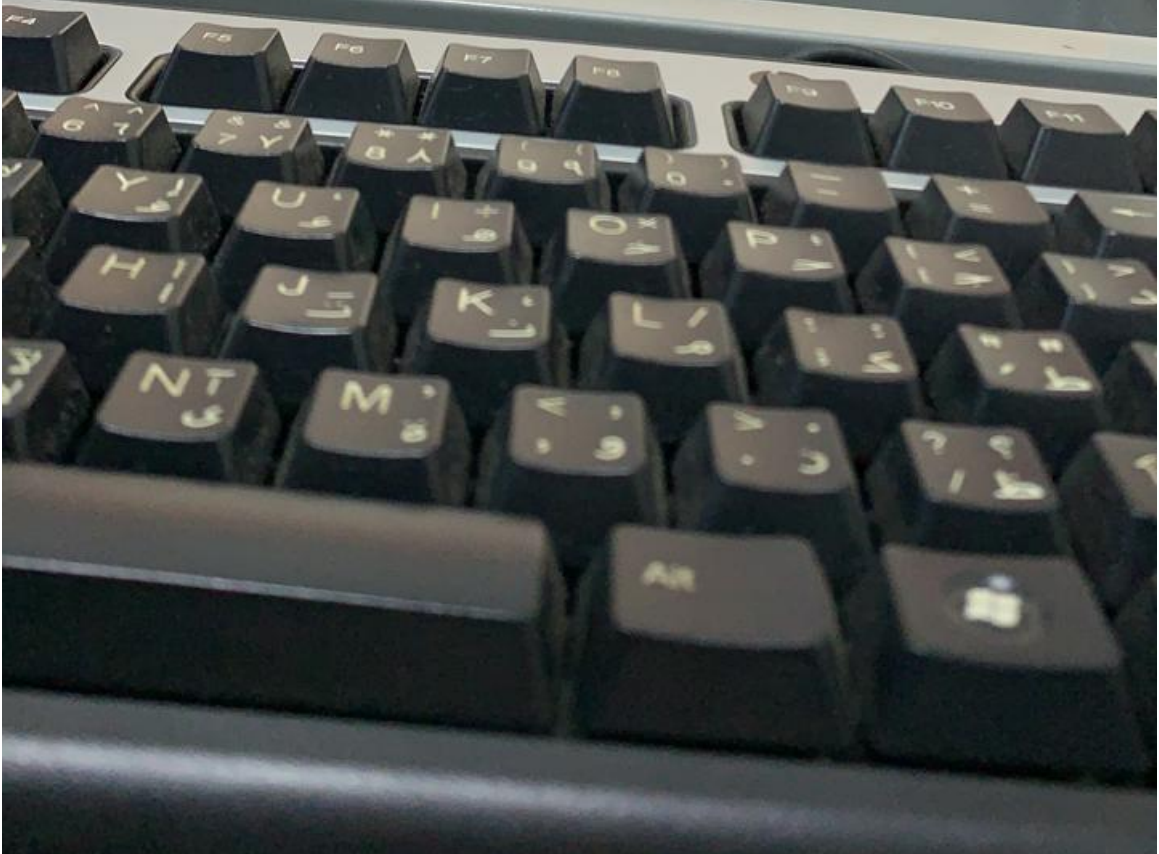


At the end of glycolysis, six carbon compound ultimately changed into.....

- Acetyl co enzyme
- Ethanol
- Lactate
- Pyruvic acid

D

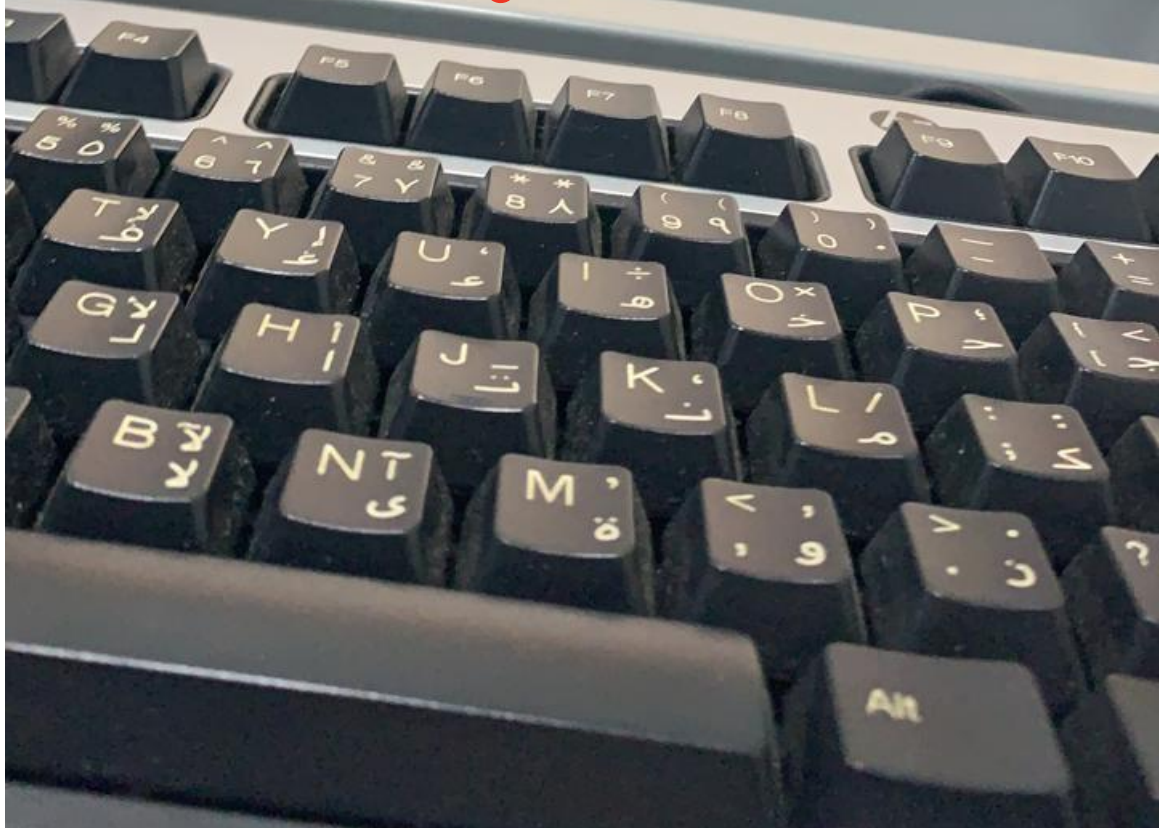
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Question No. 12

The plasma membrane surface appears mosaic due to.....

- Proteins movement
- Carbohydrates movement
- Cholesterol is wedged into phospholipid
- Proteins embedded into phospholipids



Total questions in exam: 25 | Answered: 0

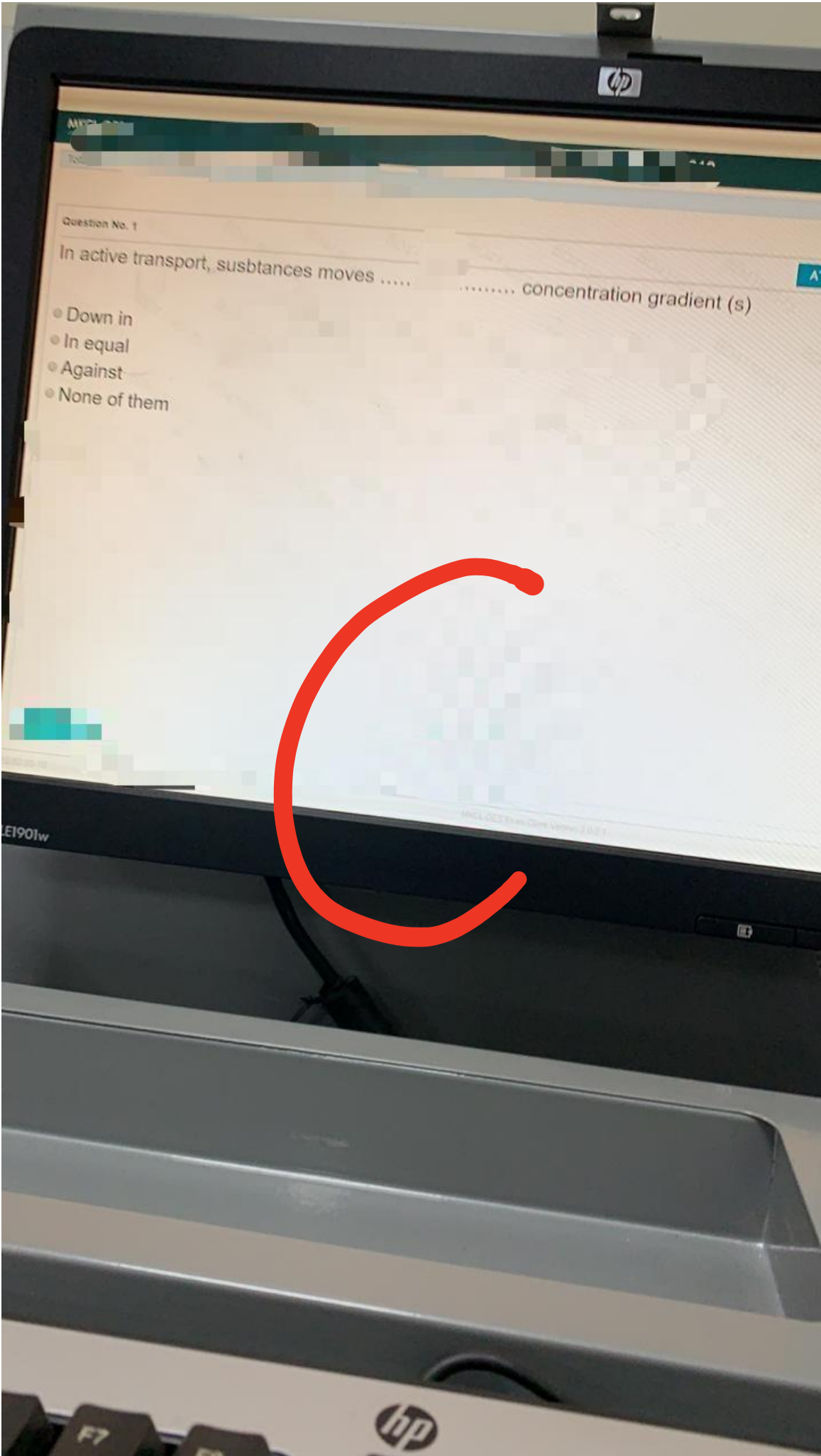
Which substance is generated by fermentation?

- Water
- Glucose
- O₂
- Lactate

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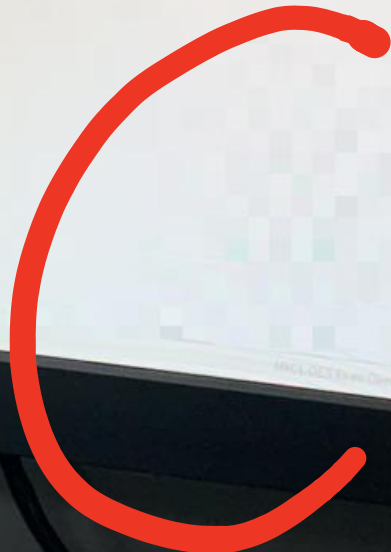




Question No. 1

In active transport, substances moves concentration gradient (s)

- Down in
- In equal
- Against
- None of them



Question No. 4

Thylakoids, DNA, and ribosomes are all components found in

- mitochondria
- chloroplasts
- nucleus
- Golgi

B



Question No. 1

Which of the following is a possible anaerobic product?

- Fructose
- Glucose
- Oxygen
- Lactate

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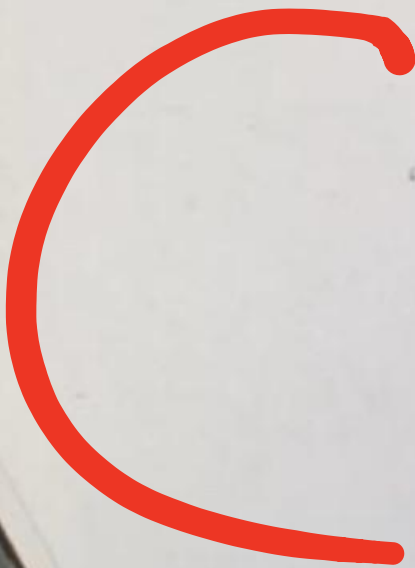


Question No. 23

Which of these NOT TRUE? Aerobic cellular respiration.....

- Break down glucose
- Produces carbon dioxide
- Is a single step.
- Releases ATP

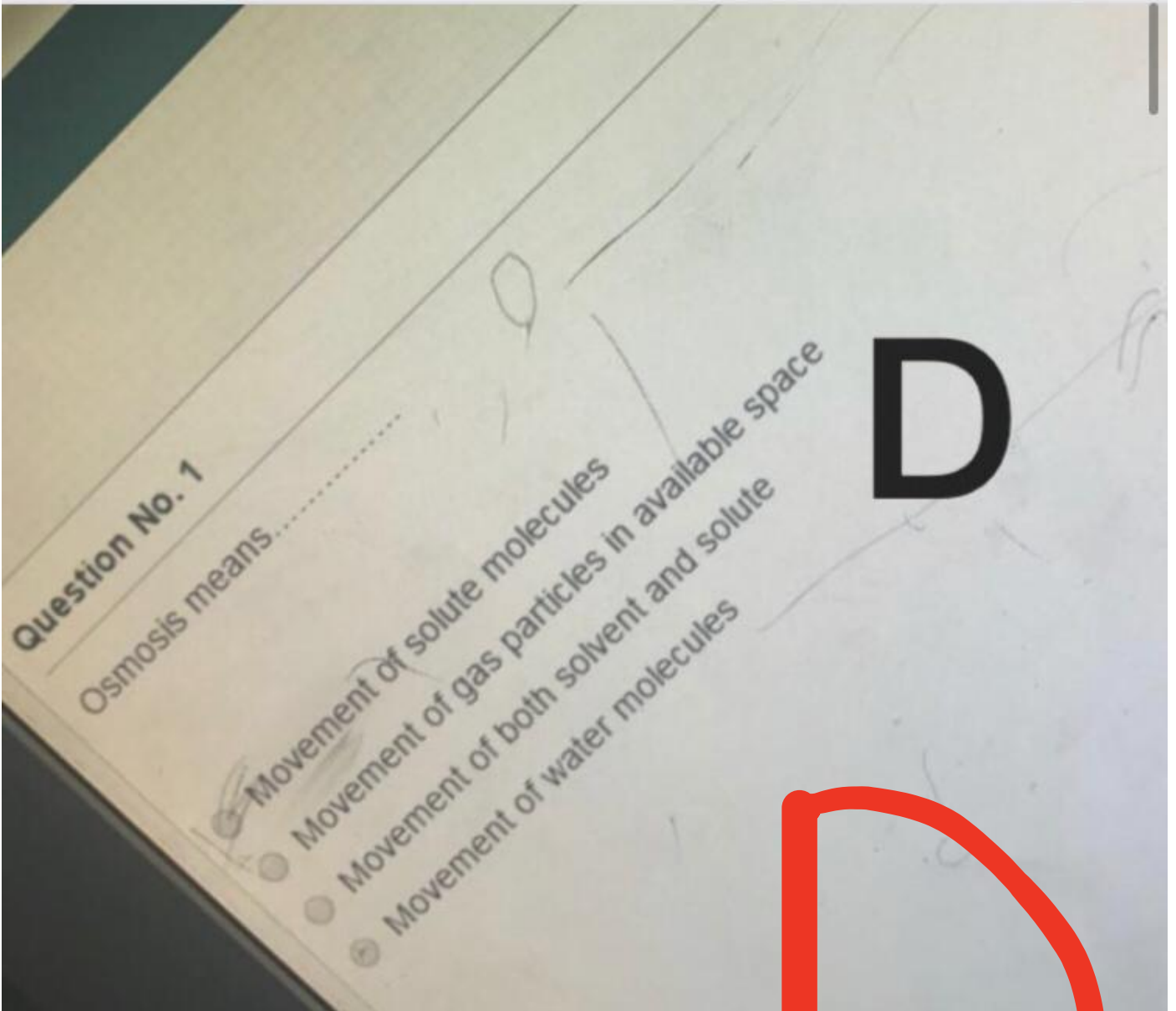
C





احياء Q2

الخلف >



Question No. 1

Osmosis means.....

- Movement of solute molecules
- Movement of gas particles in available space
- Movement of both solvent and solute
- Movement of water molecules

D



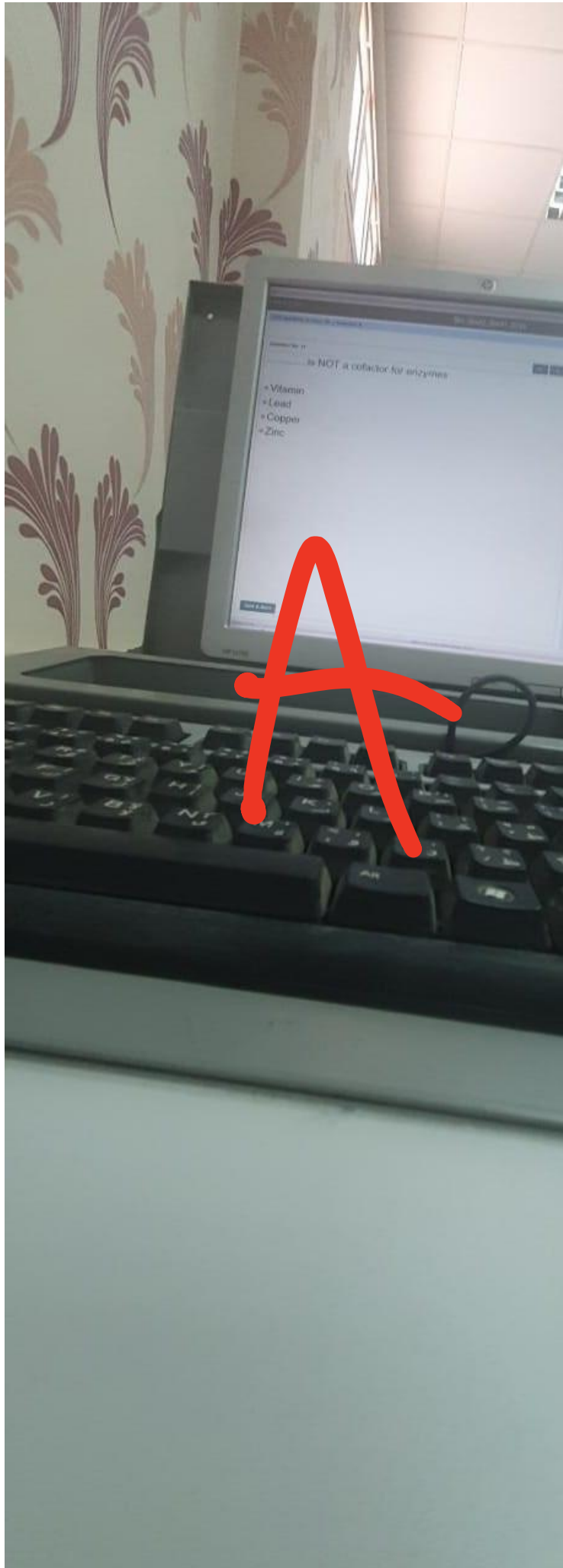
Total questions in exam: 25 | Answered: 1

Question No. 5

What do the cell walls of plants and the extracellular matrix of animal cells have in common? _____

- Their proteins are made by free cytoplasmic ribosomes
- They are composed of phospholipids and glycoproteins
- It is the site for RNA synthesis
- They provide structural support for cells

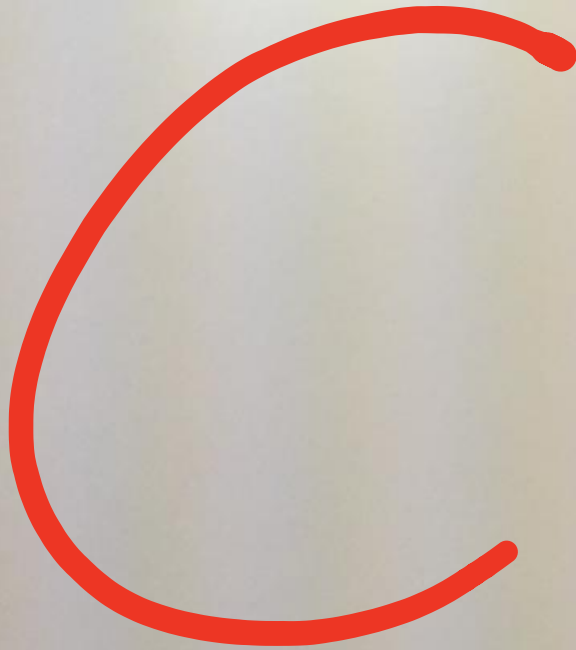
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Question No. 29

The molecule that cross the plasma membrane easily is

- protein
- lipid
- Oxyegn
- complex carbohydrates



Total questions in exam: 25 | Answered: 4

Question No. 6

A protective layer external to the plasma membrane in the cells of plants

- Nuclear envelope
- Endoplasmic reticulum
- Cell wall
- Nucleoid

Save & Next

Question No. 2

CO₂ is an important input in

- Photosynthesis
- Cellular respiration
- Hydrolysis
- Digestion

A

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Question No. 9

are the main component of the plasma membrane.....

- Phospholipids
- Carbohydrates
- Protein
- Nucleic Acids

~~A~~

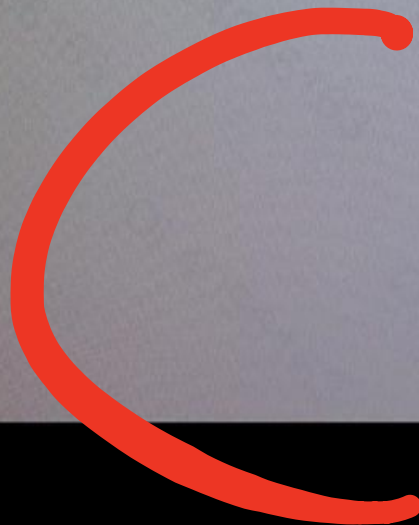
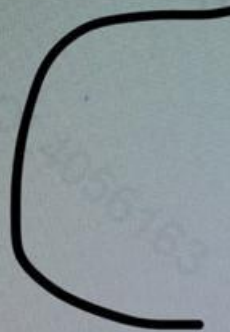
MKCI OES

Total question

Question No. 21

Which of the following structures can NOT be found in prokaryotic cells?

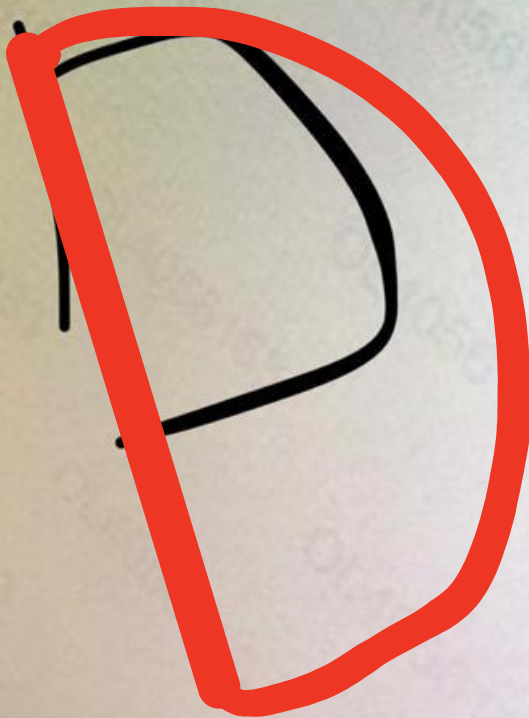
- DNA
- cytoplasm
- mitochondrion
- plasma membrane



Question No. 11

Which of the following stages require oxygen?

- Calvin cycle
- Glycolysis
- Dark reactions
- Electronic transport chain



Total questions

Which structure is present in animal cells?

- Lysosomes
- Cell membrane
- All answers are correct
- Mitochondria

E

How does facilitated diffusion differ from diffusion?

- none of them
- Molecules diffuse through the cell membrane
- Molecules diffuse through the transport proteins
- Energy is needed to move molecules through the cell membrane

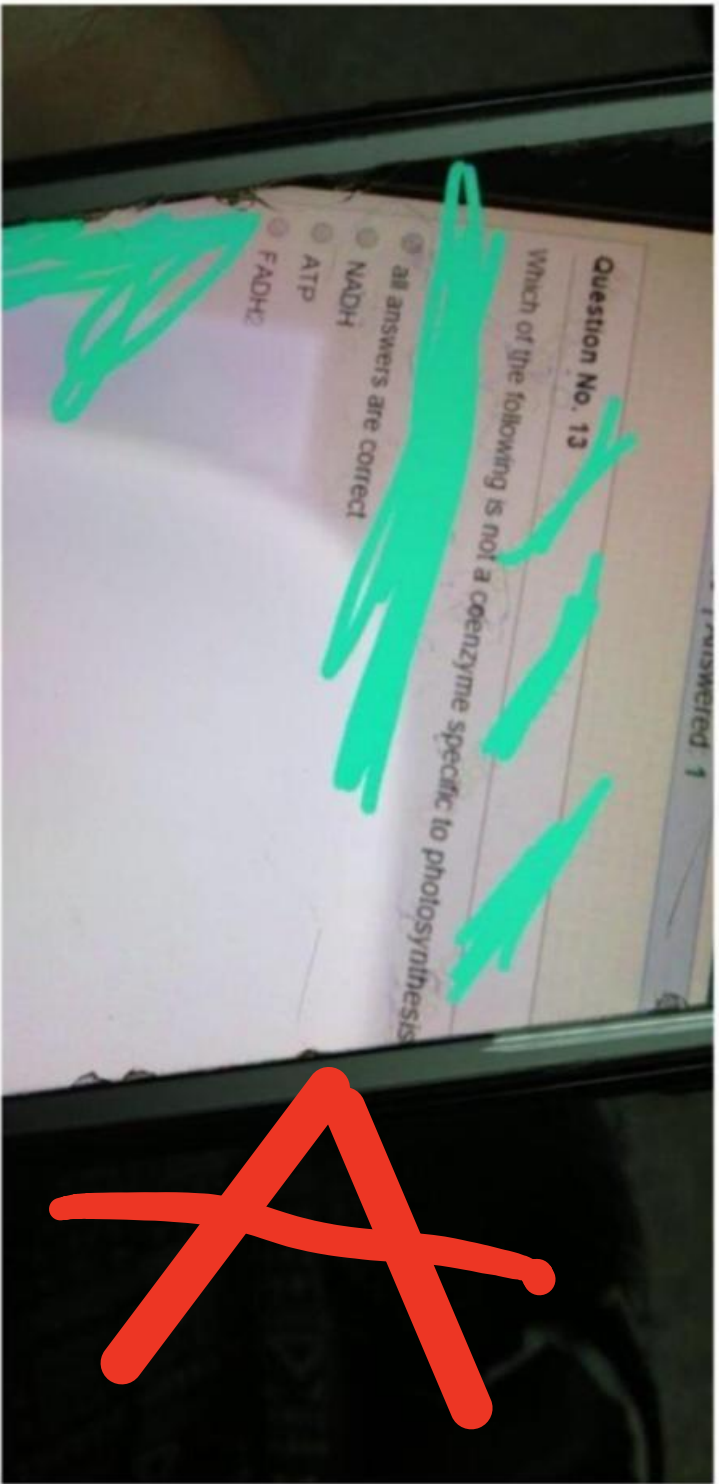


Question No. 2

Cells of plants and animals have

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





Question No. 13

Which of the following is not a coenzyme specific to photosynthesis

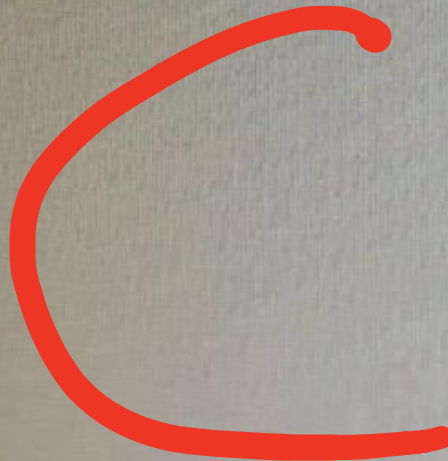
- all answers are correct
- NADH
- ATP
- FADH₂

A

Question No. 8

Animal cell membrane fluidity is due to the....

- Glucose
- Phospholipids
- Cholestrol
- Carbohydrates



Competitive inhibitors

Compete with coenzyme

Compete with active site

Change enzyme's shape

None of them

Which one of the following statement is TRUE about diffusion?

It involves only movement of solvent molecules.

It occurs when particles move from a region of lower concentration to a region of higher concentration

It does not require a semi-permeable membrane

All of the above

ص ١:٣٥

ص ١:٣٦



ركزوع تعاريف الاسموزيه و الانتشار و النقل
السليبي و الايجابي
يا يجيب المصطلح فوق و التعاريف تحت او
العكس

جاب ليا كمان اي وحده من هذي الاشياء مو
موجوده في الاندوبلازم طبعا هيا خمسه اشياء
تكون موجوده غيرها غلط

- 1- Plasma membrane
- 2- Nuclear envelop
- 3- Endoplasmic reticulum
- 4- Golgi apparatus

جاب ليا اي وحده من هذي الاشياء مو موجوده
في خليه القرد الخيارات كان فجوه ولا جدار خليه
ولا كلوروفيل حطيت كل الاجابه صحيحه ✓
ركزوع اول شي قلتو جا اكثر شي منه مليون
اغلب اللي جاني تعاريف

جاني سوالين عن المايكروسوب الضوئي و الثاني
طبعا يكتب تعريف ويقول ذا مايكروسوب ايش
جا من التجميعات

ايوه جاني سوال يقول الانسان هوا؟ و حط
خيارات انا ماعرفت ولا مصطلح
موفقين ترى سهل بس انتو ركزو شويا راح يجي
ممکن سوالين ما تعرف تحله

