



مدونة المناهج السعودية

<https://eduschool40.blog>

الموقع التعليمي لجميع المراحل الدراسية

في المملكة العربية السعودية

أحياء عملي



This picture refer to



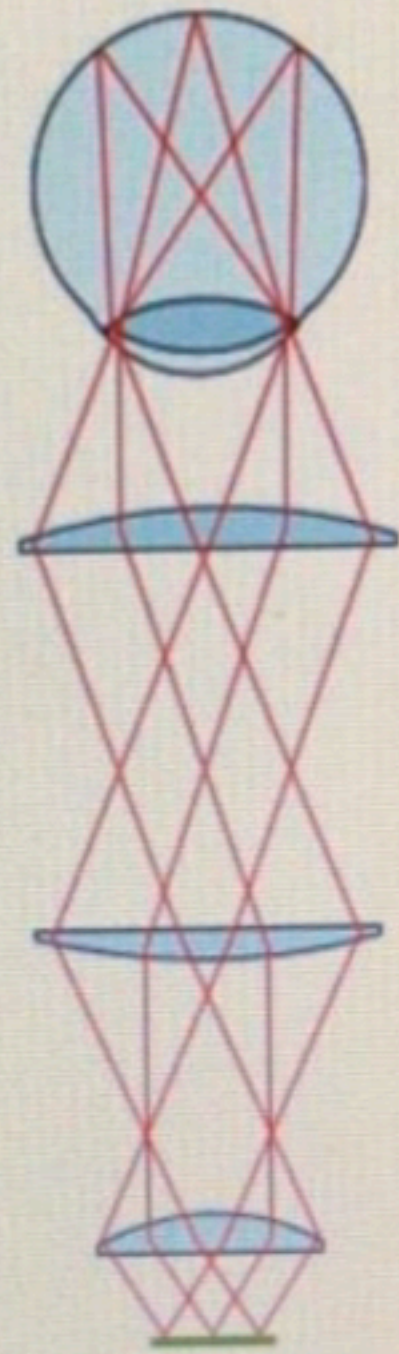
Arm

Optical lenses

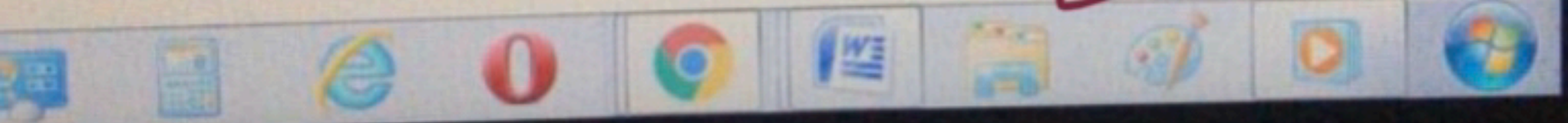
Objective lenses



This is principle of ..... microscope



light







- 2
- 5
- 9
- 1





SEM

Electron Microscope

Light Microscope





طلب رقم 5

Fine focus adjustment knob

Condenser

Coarse focus adjustment knob

Condenser lenses





طلب رقم 1

Ocular Lenses

Stage

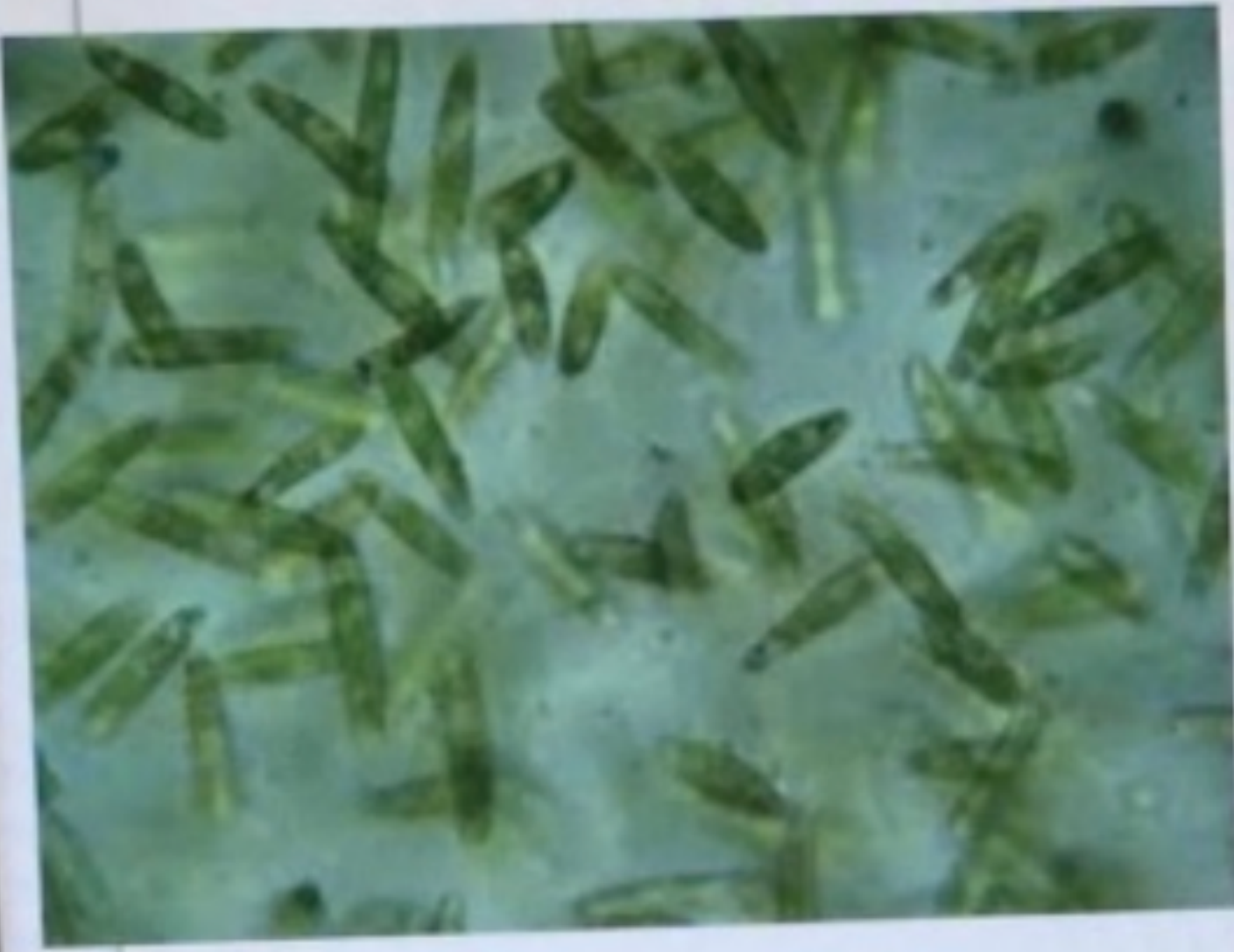
Objective Lenses

Arm



حالة إكمال الأسئلة:

..... This is Euglena under



Light Microscope

TEM

SEM

Human Eyes



Electrons gun

Controls

Visibal light

Base

طالبا  
رقعة  
7



This picture refer to



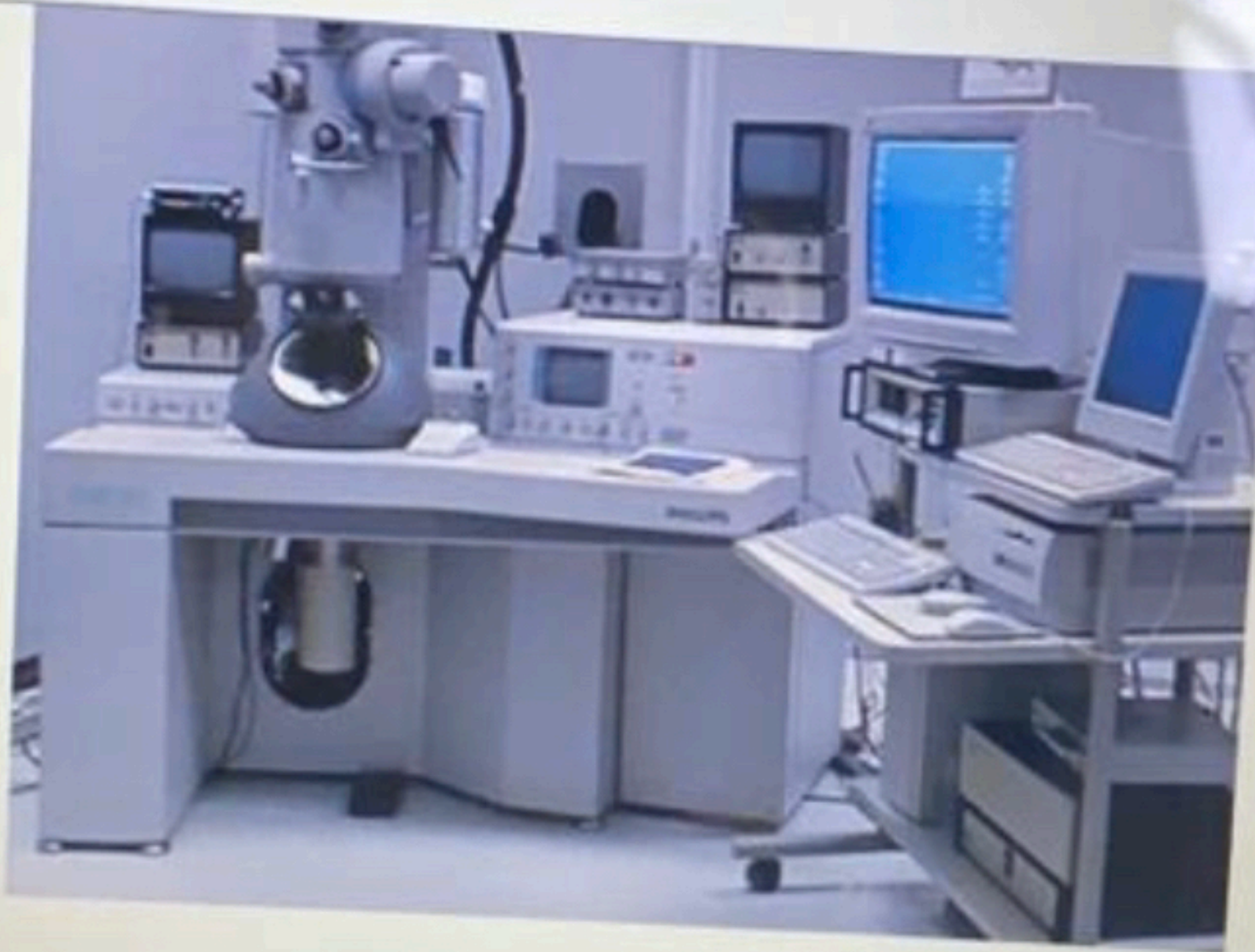
SEM

Light Microscope

Electron Gun

TEM





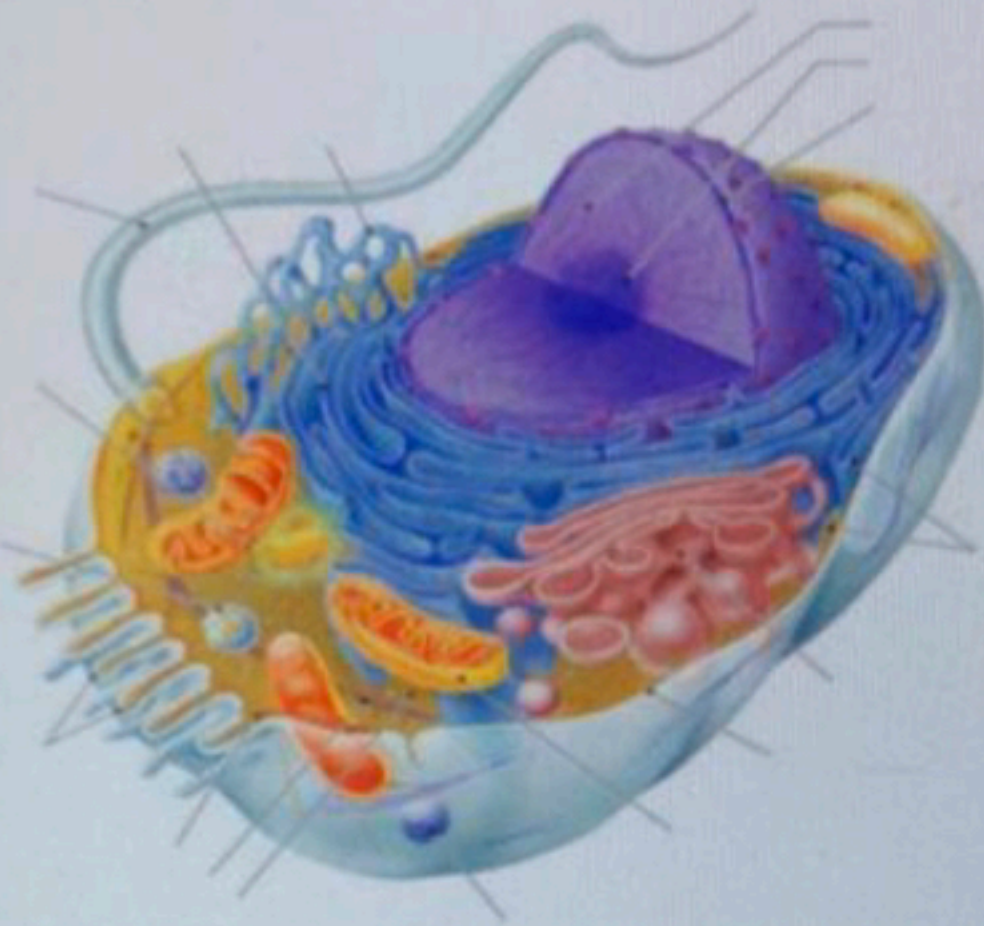
Visible light

TEM

light microscope

SEM





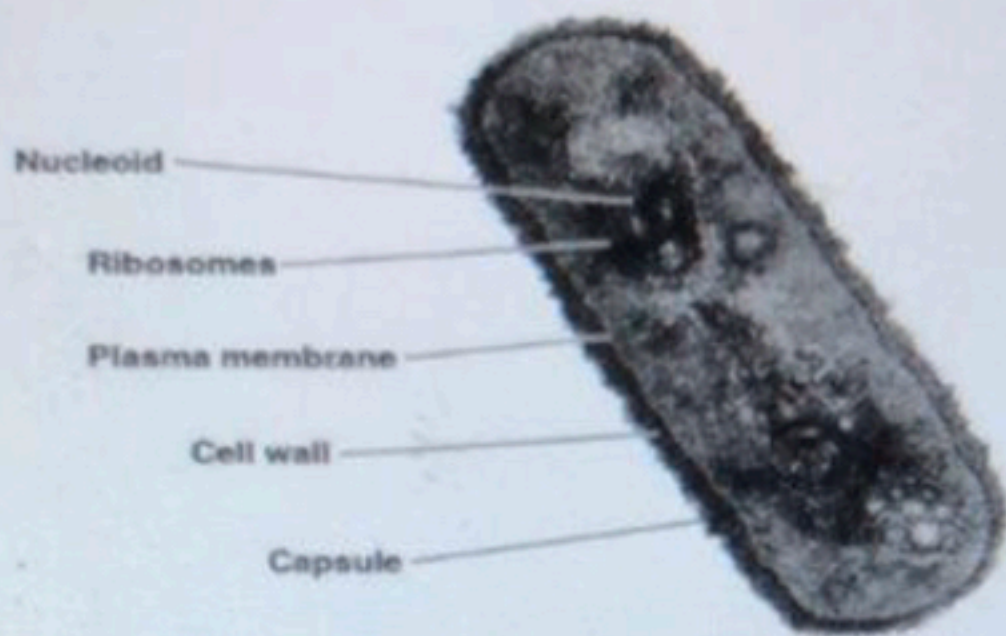
Plant cell

Animal cell

Blood cell

Epithelium cell



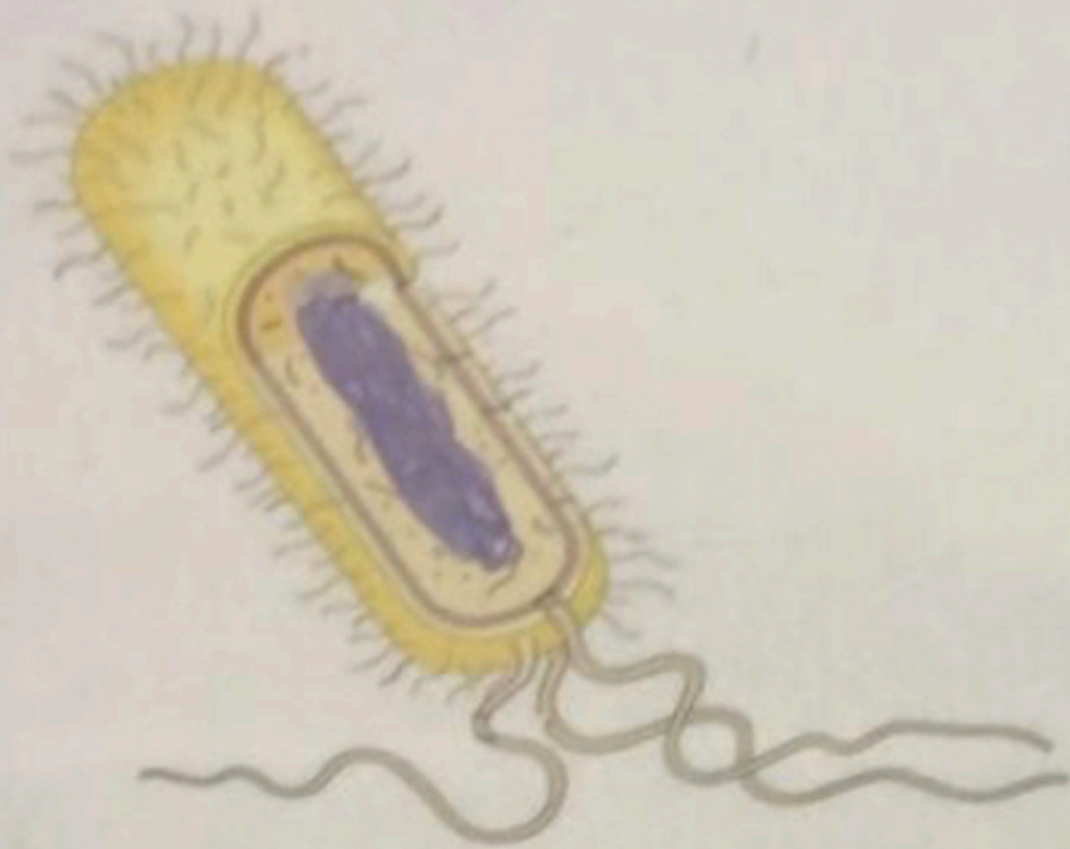


This picture is .....

- A typical rod-shaped animal cell
- A typical rod-shaped bacterium
- A thin section through bacterium
- A thin section through animal cell



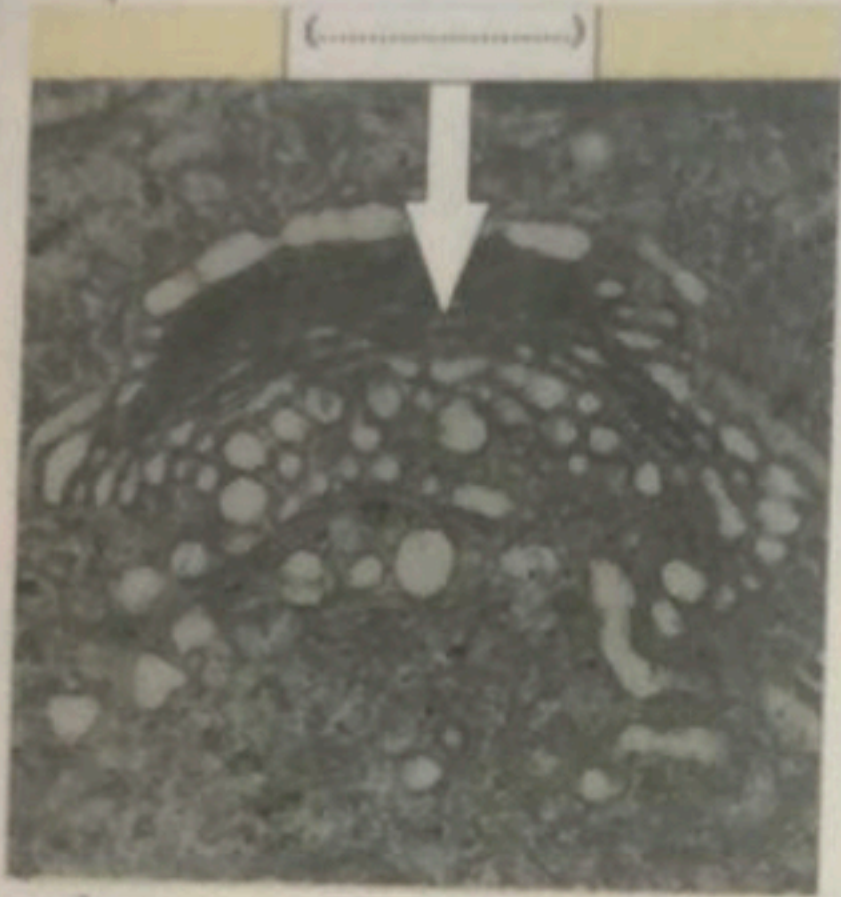
This picture is .....



- A typical rod-shaped eukaryotes
- A typical rod-shaped bacterium
- A typical rod-shaped algae
- A typical rod-shaped euglena



This picture is .....

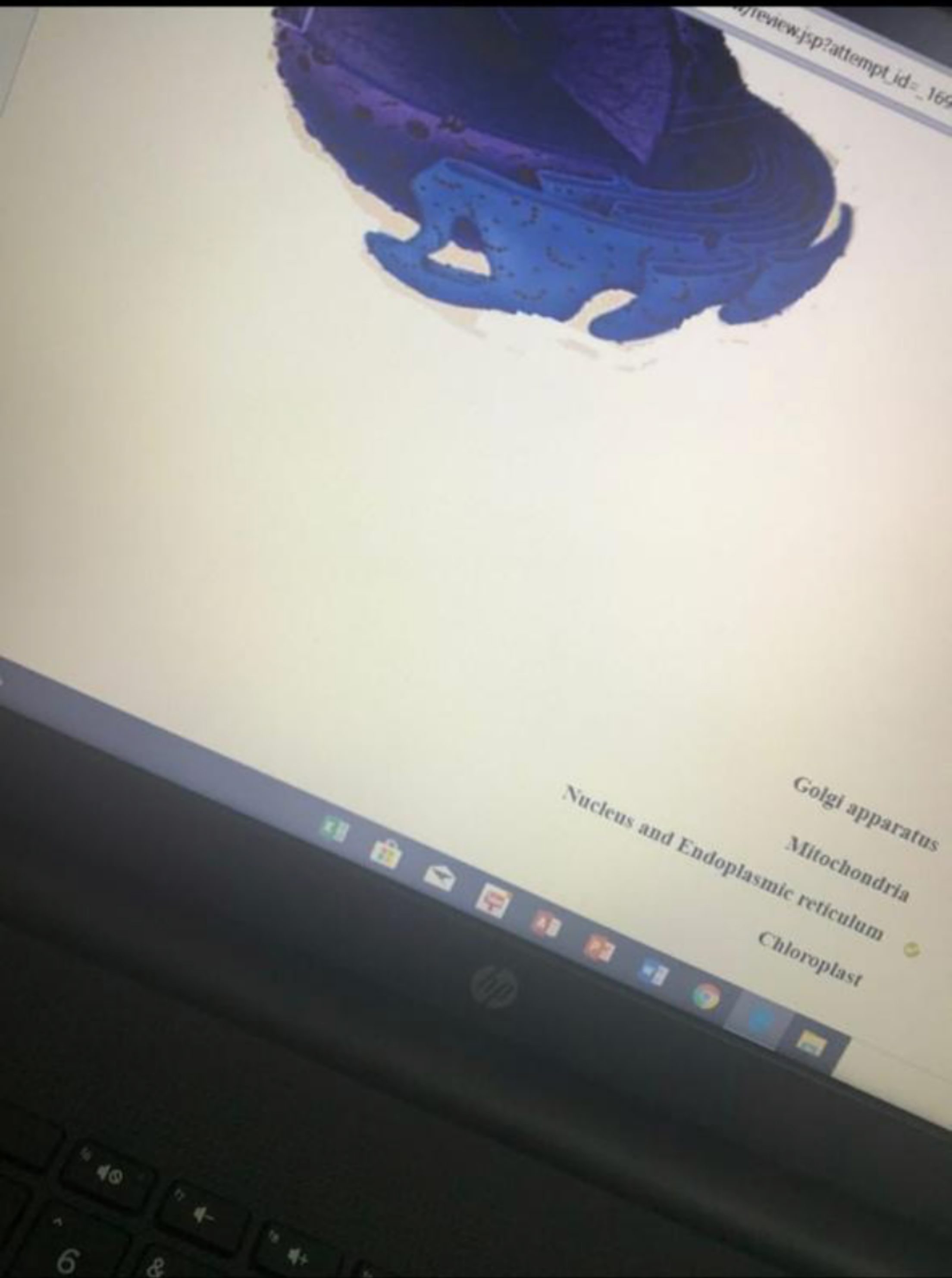


Central vacuole

Golgi apparatus

Cell wall

Chloroplast







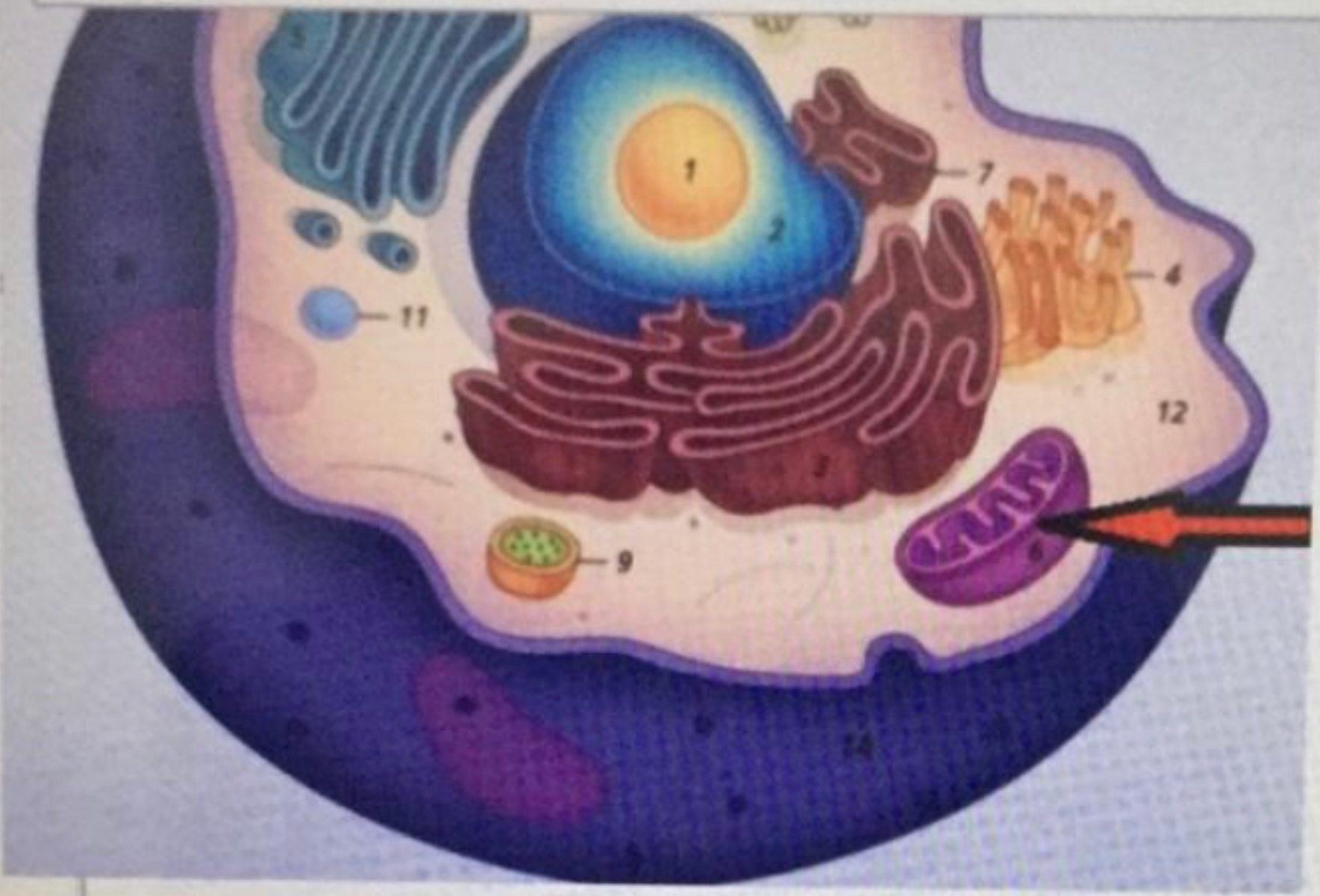
- Mitochondria and endoplasmic reticulum
- Nuclear envelope and endoplasmic reticulum
- Plasma membrane and nuclear envelope
- Plasma membrane and lysosome





الوقت المتبقي: 5 دقائق، 17 ثانية (ثوان).

حالة إكمال الأسئلة:



The arrow in the figure biased to

The Golgi Apparatus

Mitochondria

Lysosomes

Peroxisomes



الوقت المتبقي: 7 دقائق، 58 ثانية (توان).

حالة إكمال الأسئلة:

Time picture is .....



Golgi apparatus

Mitochondria

Nucleus and Endoplasmic reticulum

Chloroplast



0.25 درجة من 0.25 درجة

السؤال 4



This picture is

Windows

الجواب: bacterial cells





# الجواب: Bacteria

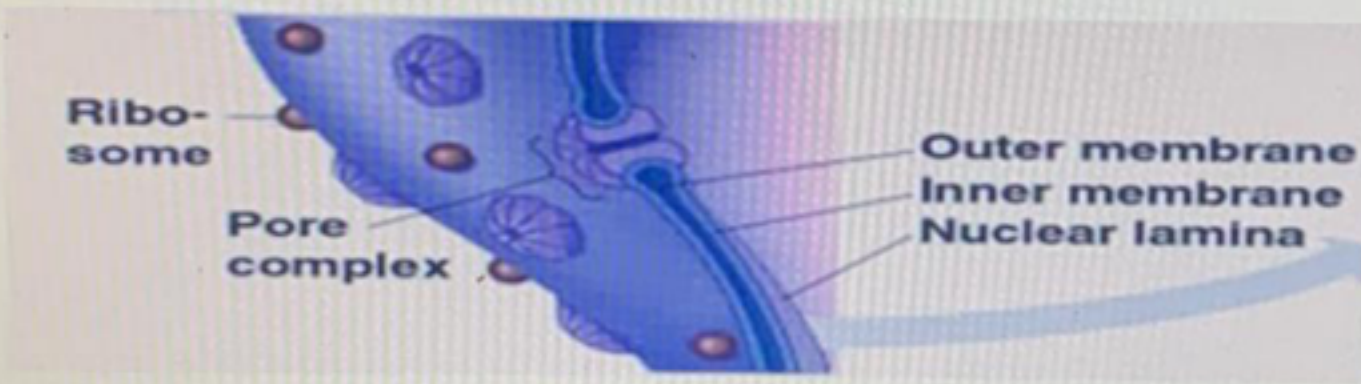
This picture is .....



0.25 درجة من 0.25 درجة

سؤال 6

This picture is .....



الجواب: close-up of Nuclear envelope

تثبيت Windows

انتقل إلى الإعدادات لتثبيت Windows

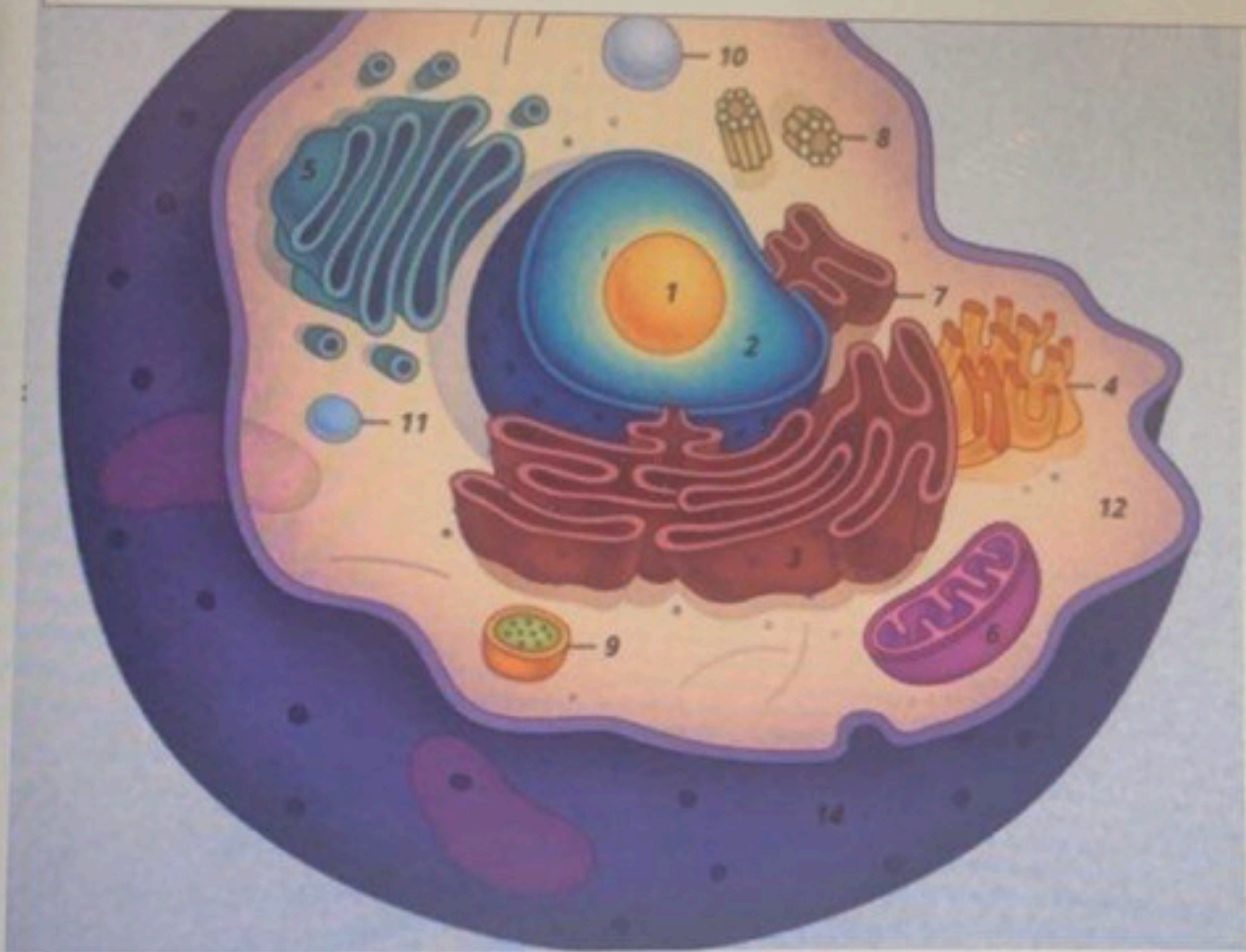
السؤال 5

This picture is .....



**الجواب: Archaea**





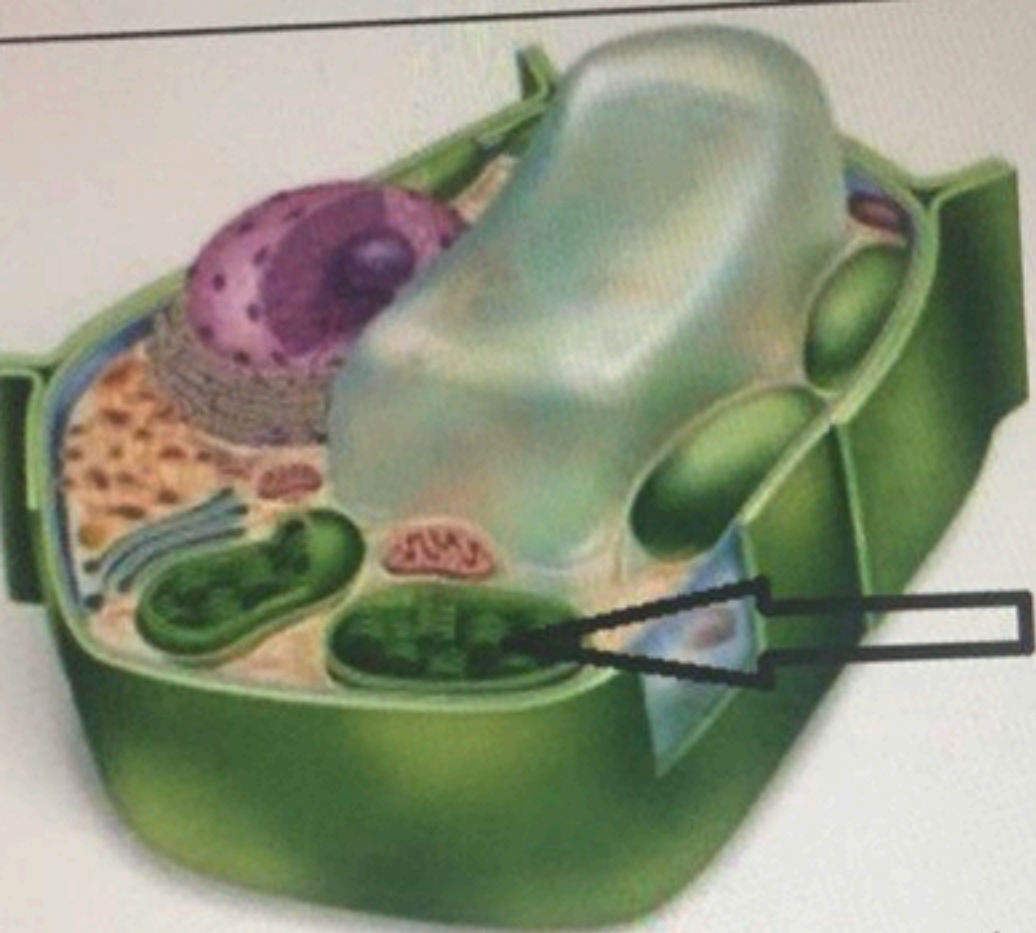
This picture is

Plant cell

Animal cell

The Nucleus

prokaryotic cell



The arrow in the figure biased to

Peroxisomes

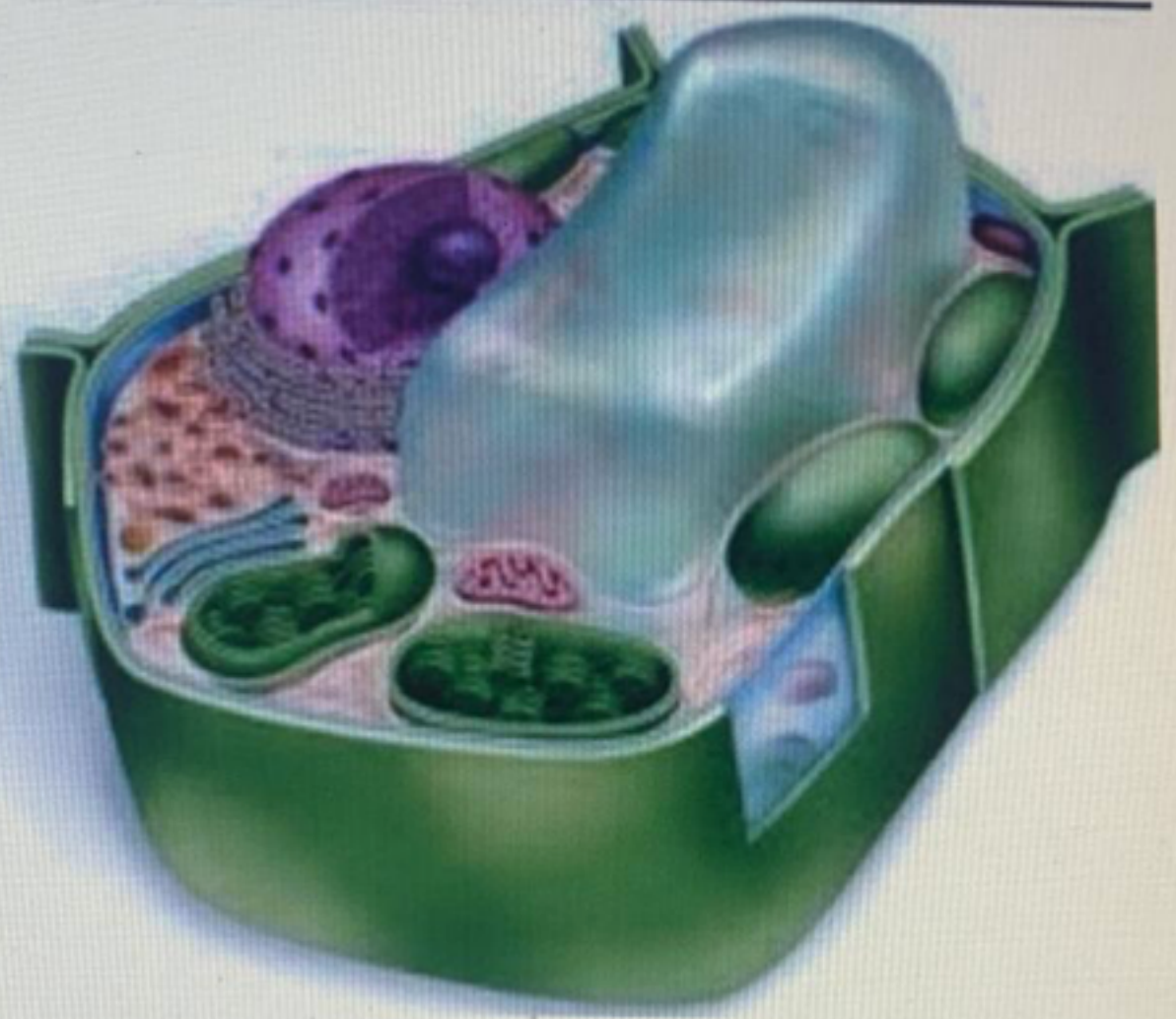
Chloroplast

Lysosomes

Mitochondria



This picture is

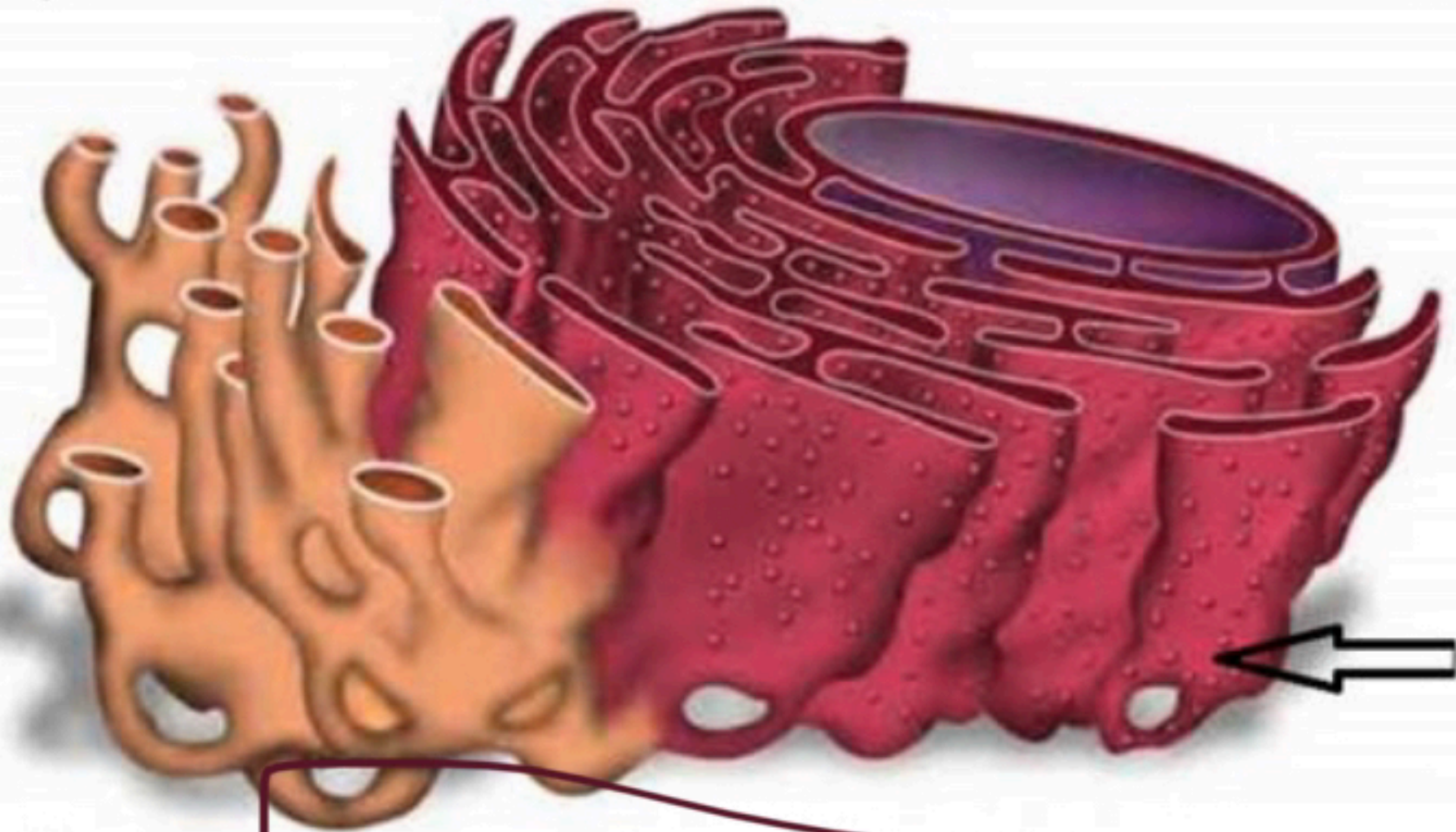


الجواب: plant cell

This

picute

is



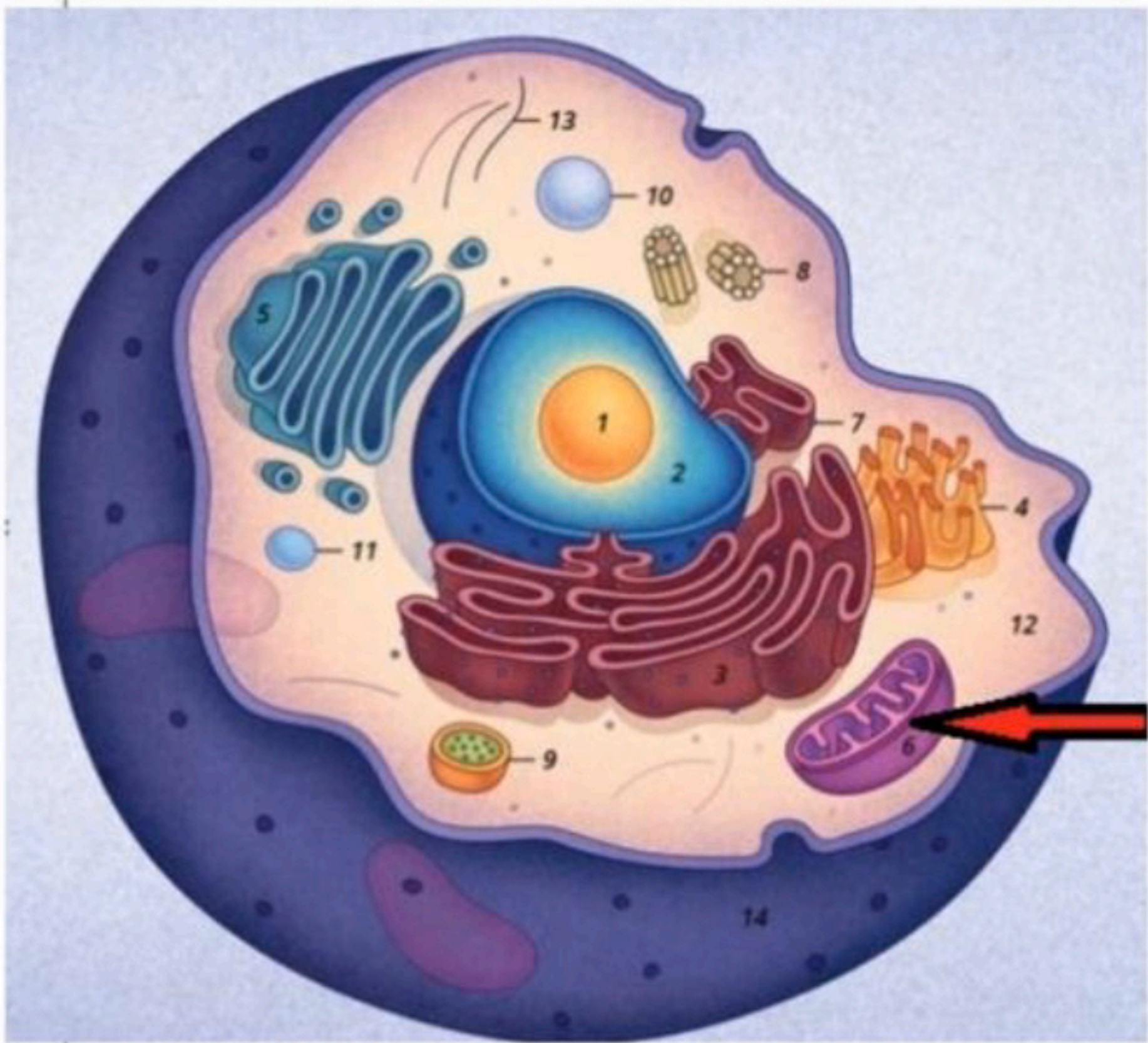
Endoplasmic reticulum

Smooth ER

Rough ER

The Golgi apparatus





The arrow in the figure biased to

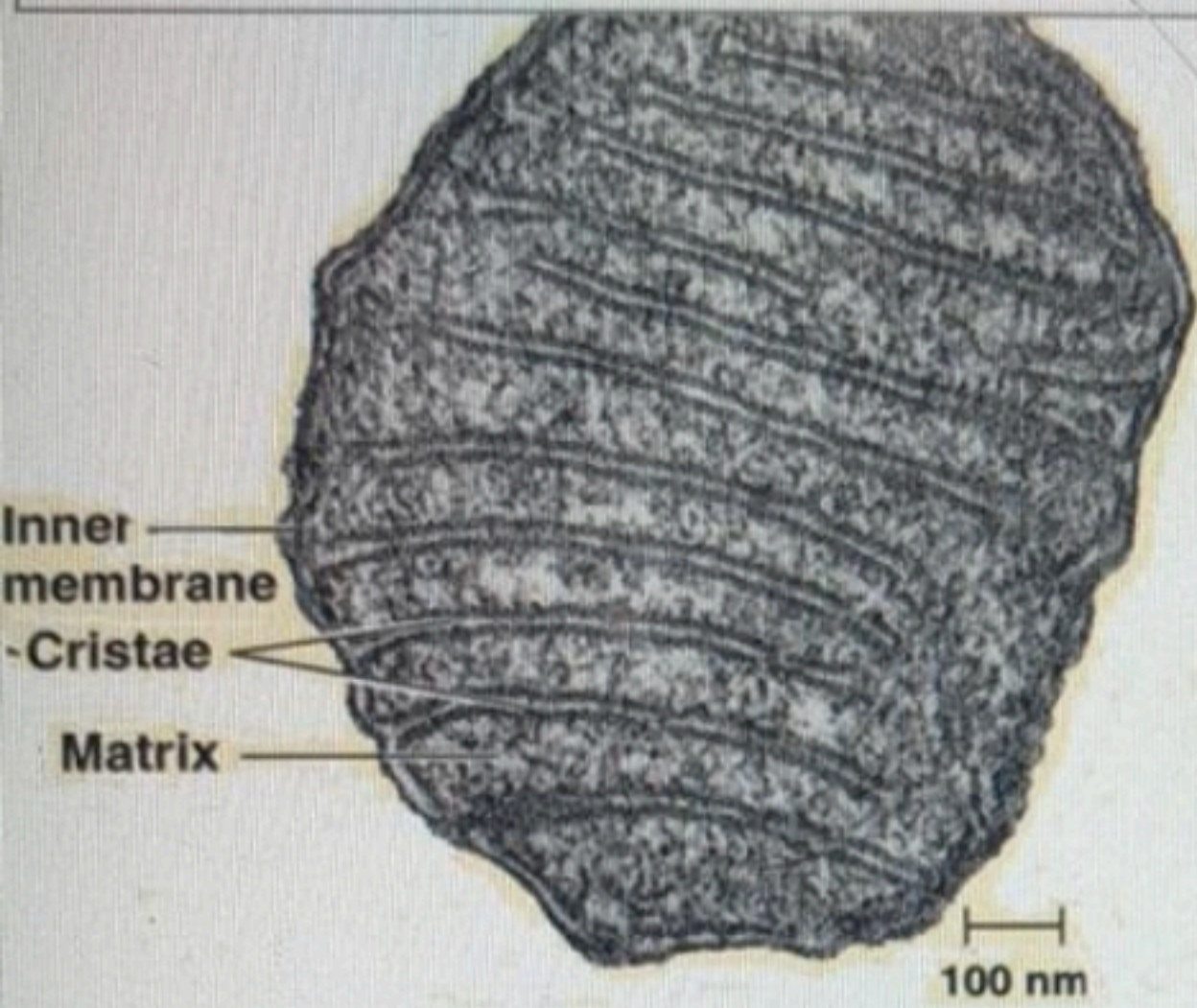
Lysosomes

The Golgi Apparatus

Peroxisomes

Mitochondria





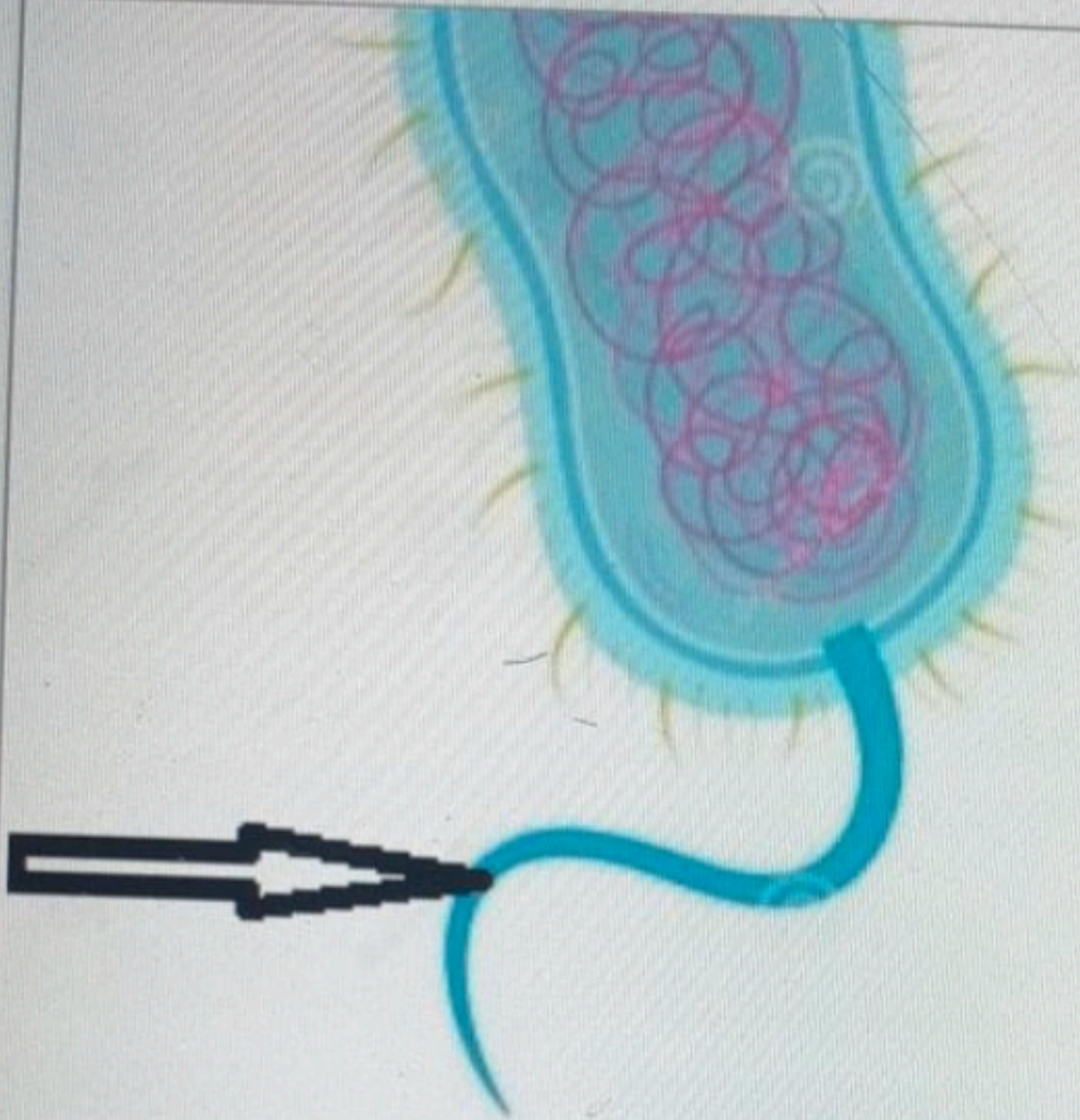
Ⓞ Golgi apparatus

Ⓞ Plasma membrane

Ⓞ Lysosome

Ⓞ Mitochondria





The arrow in the figure biased to

Lysosome

Cell wall

Pill

flagellum





This picture is .....

**Mitochondria**



**Golgi apparatus**

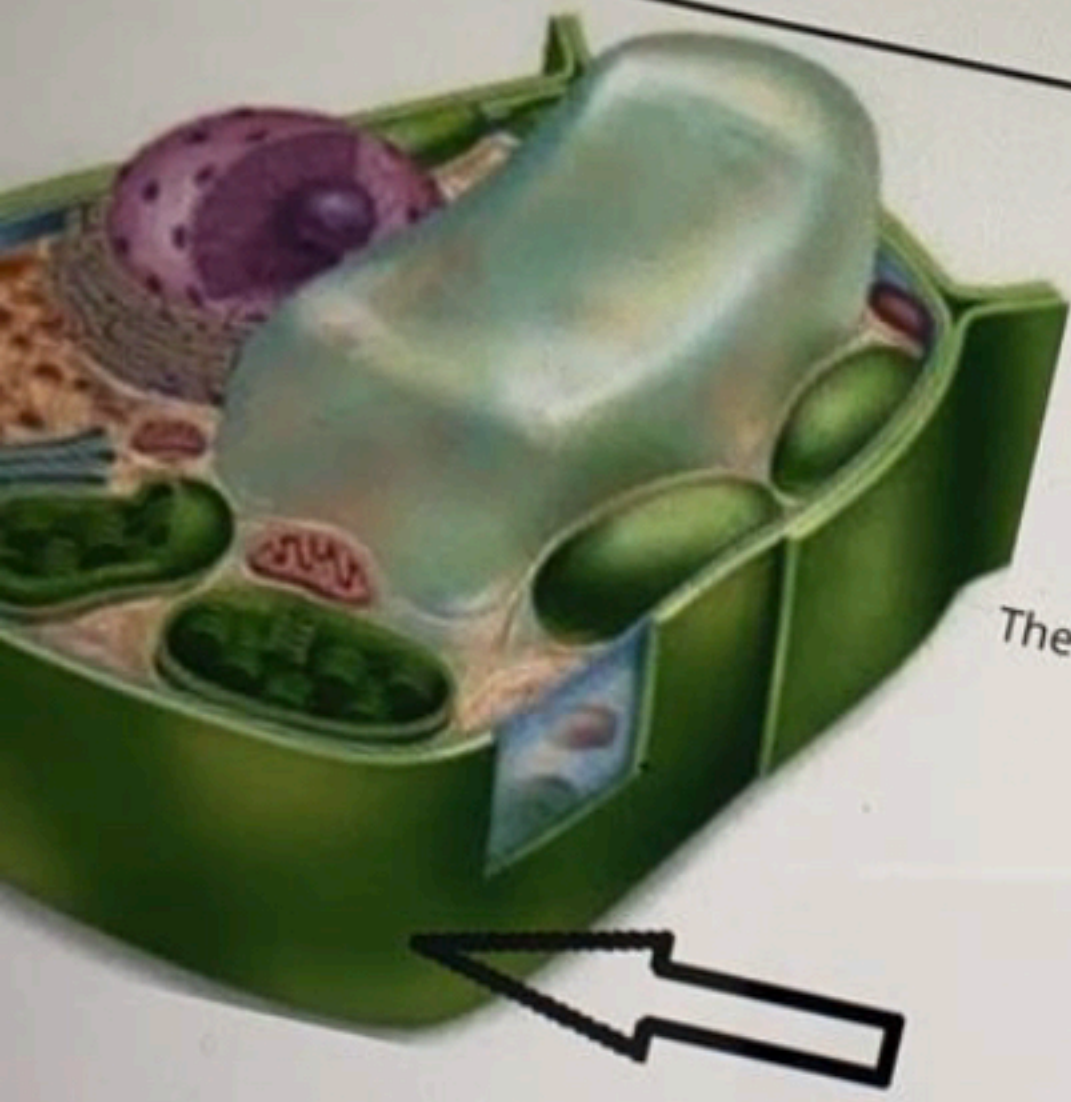


**Plasma membrane**



**Lysosome**





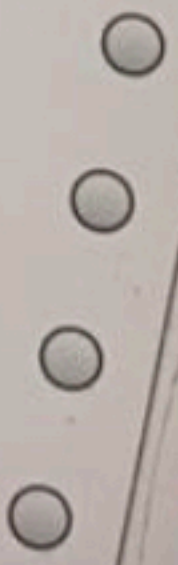
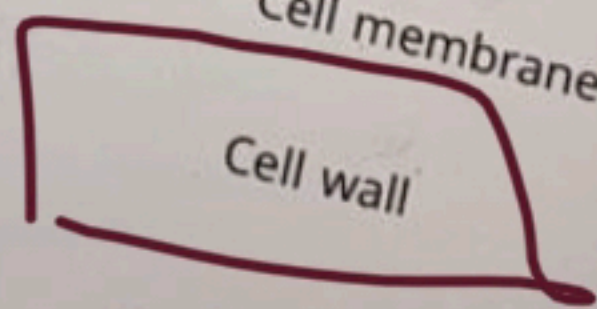
The arrow in the figure biased to

Animal cell

The Endoplasmic Reticulum

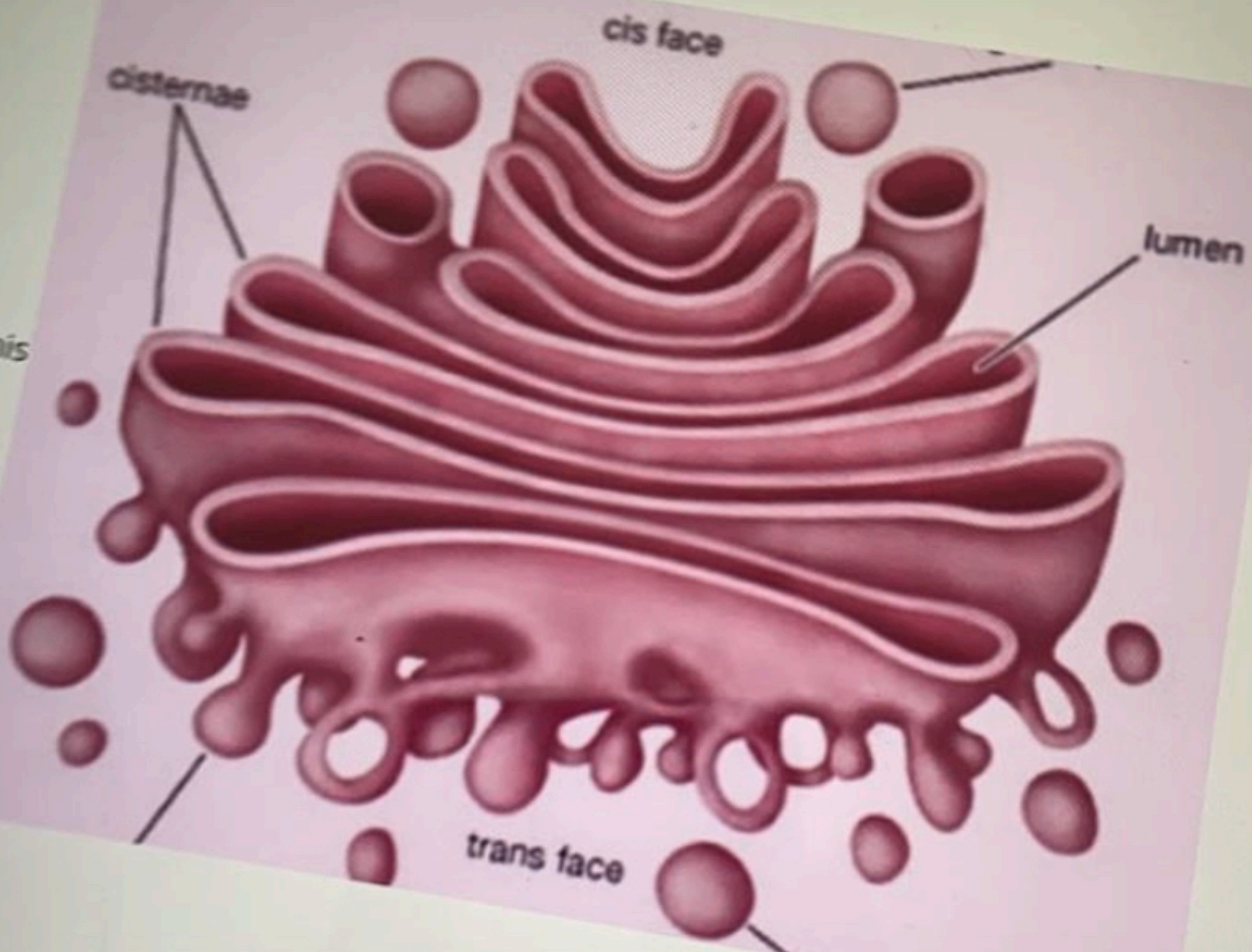
Cell membrane

Cell wall





This



picture is

The Golgi Apparatus

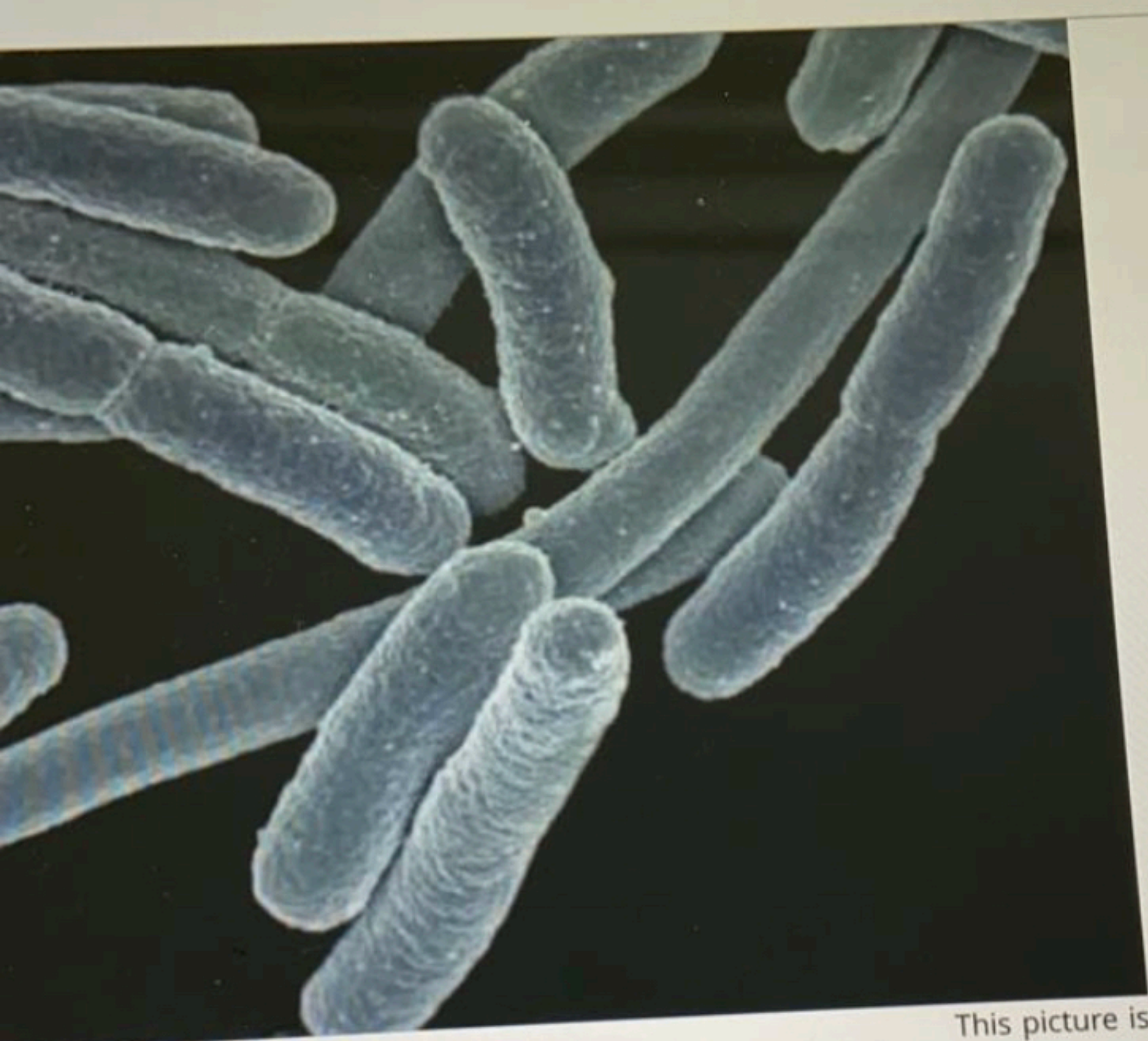
The rough endoplasmic reticulum

The Mitochondria

lysosomes

- 
- 
- 
-





This picture is

Mitochondria

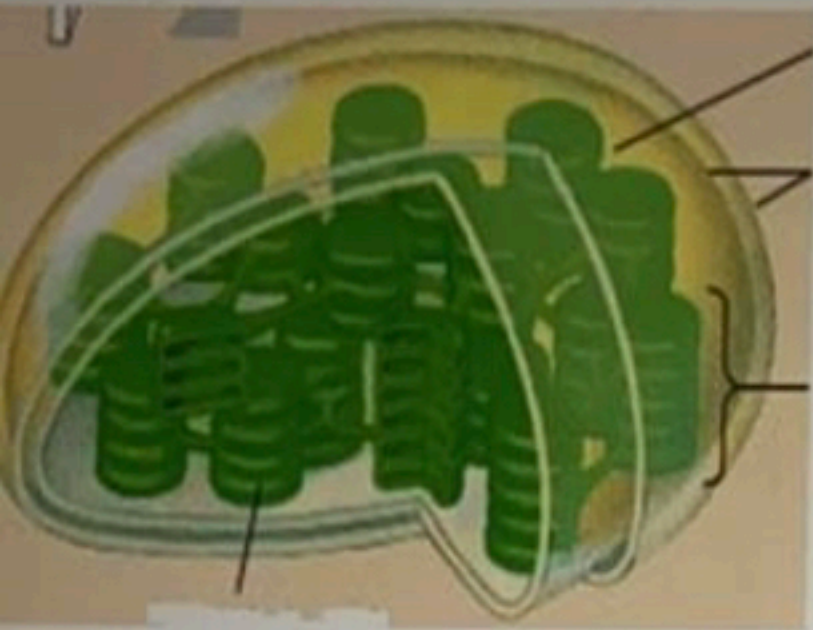
Plant cell

Animal cell

bacterial cells



his picture is .....



**Mitochondria**

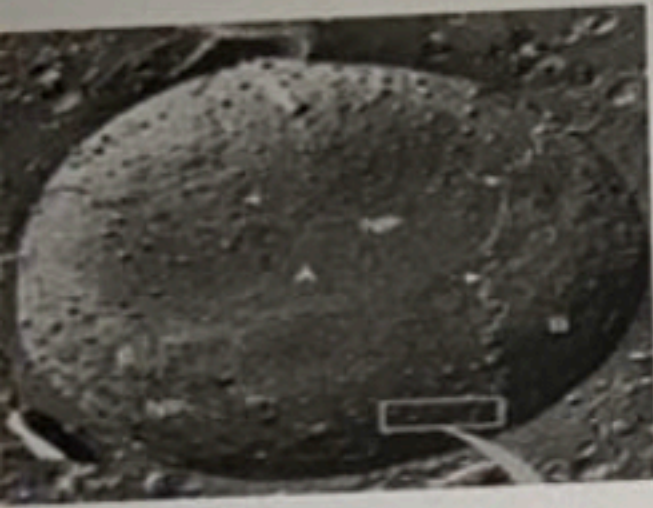
**Golgi apparatus**

**Chloroplast**

**Lysosome**



This picture is .....



Surface of endoplasmic reticulum

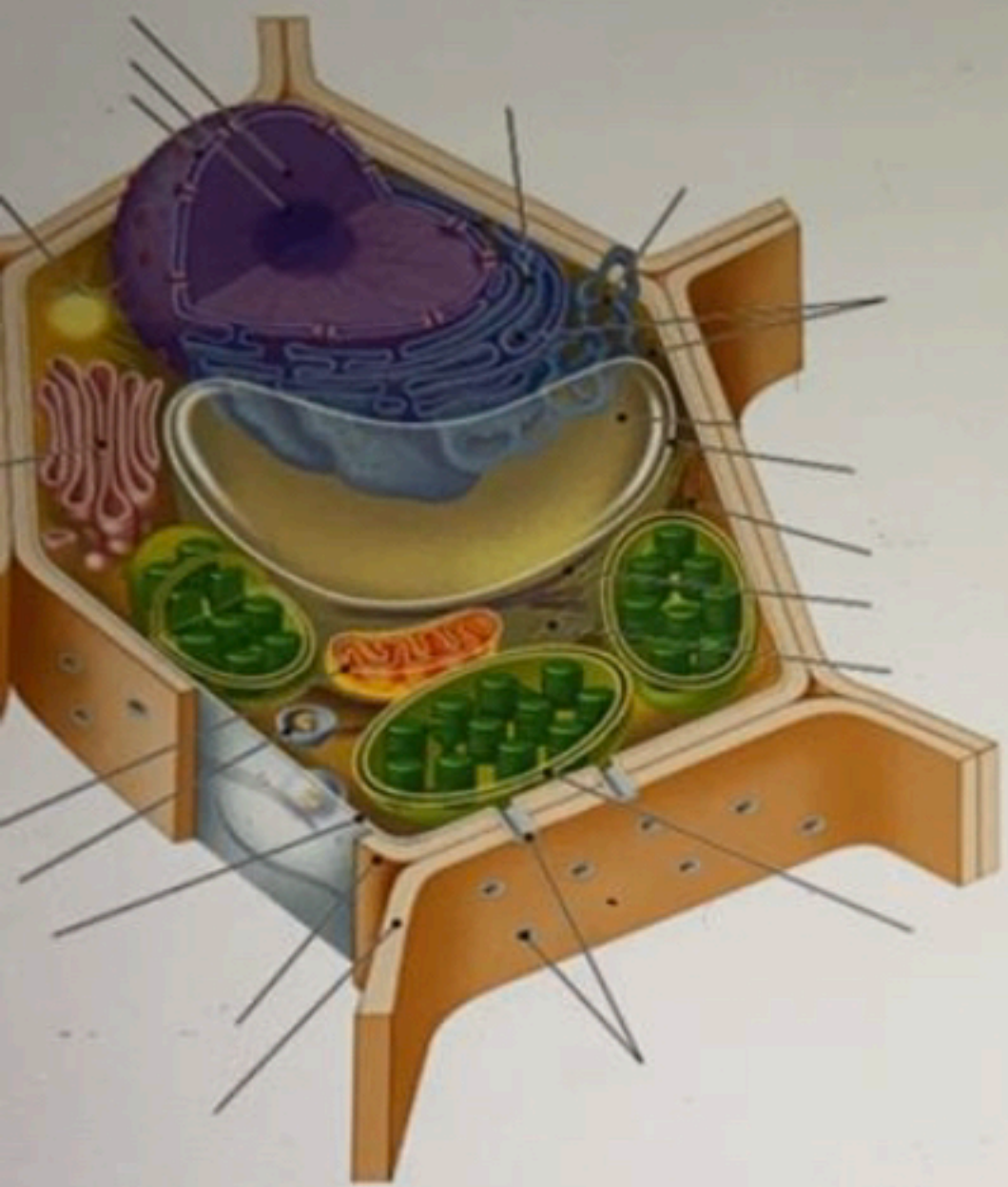
Surface of centrosome

Surface of nuclear envelope

Surface of flagellum



picture is .....



Plant cell

Animal cell

Blood cell

Epithelium cell



his

picture

is

.....



**Mitochondria**

**Golgi apparatus**

**Plasma membrane**

**Lysosome**





The arrow in the figure biased to

Nuclueolus

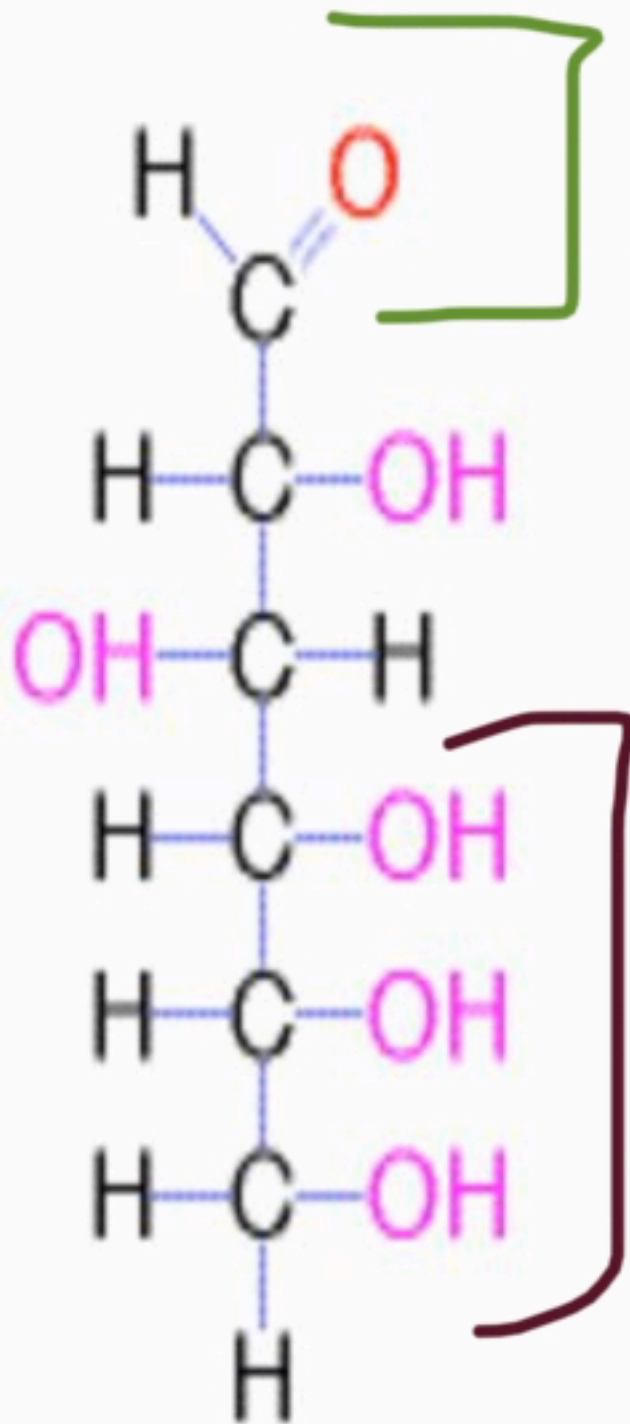
Nuclueus

Animal cell

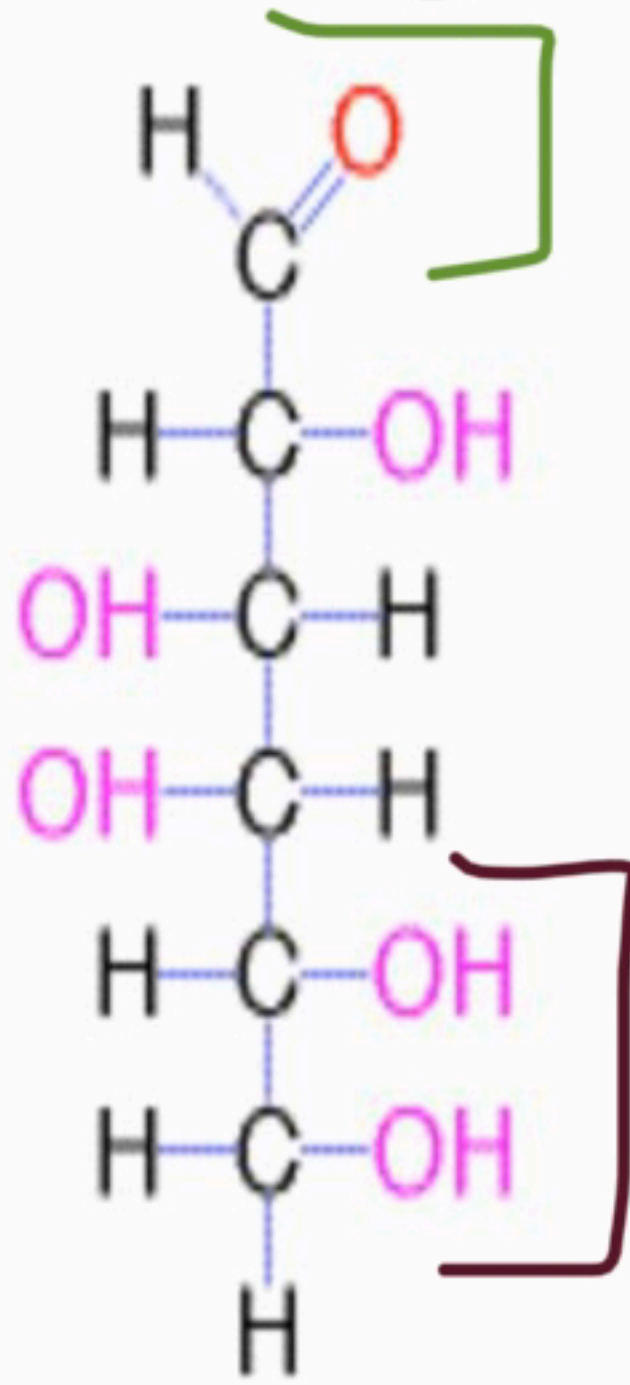
Rough ER



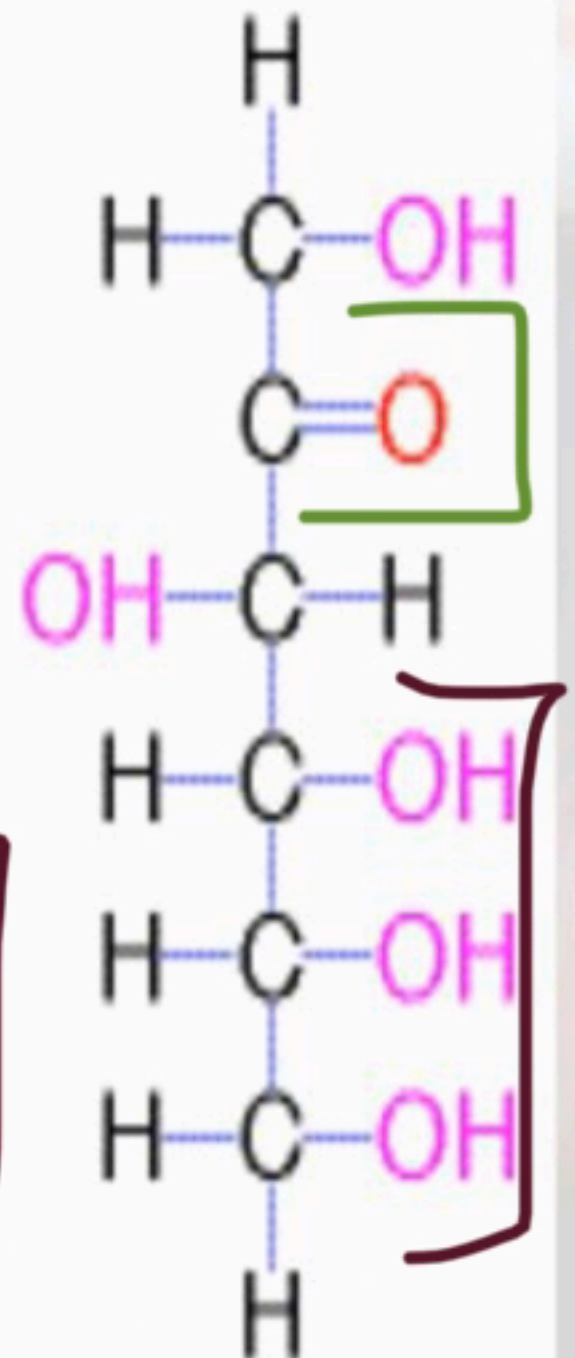
# Hexose Sugars



Glucose



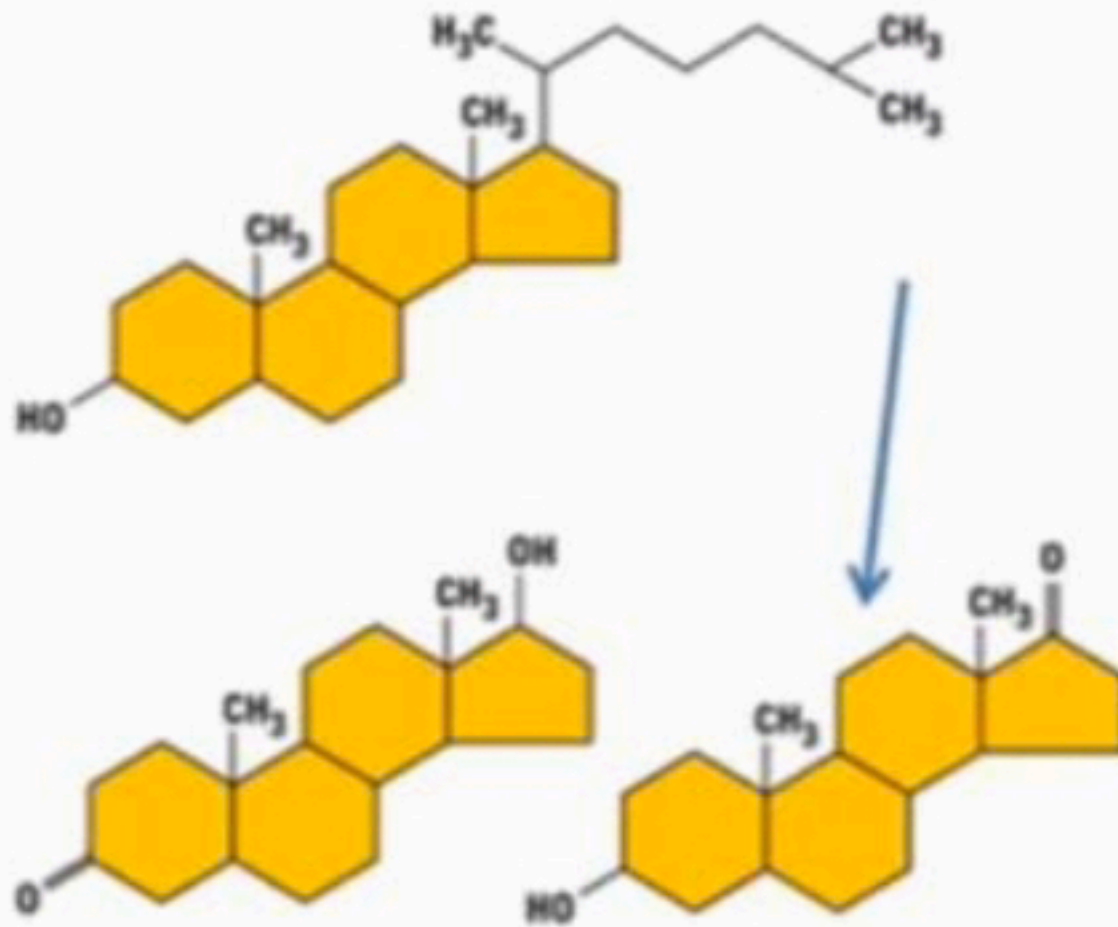
Galactose



Fructose



the arrow in the figure biased to.....



testosterone

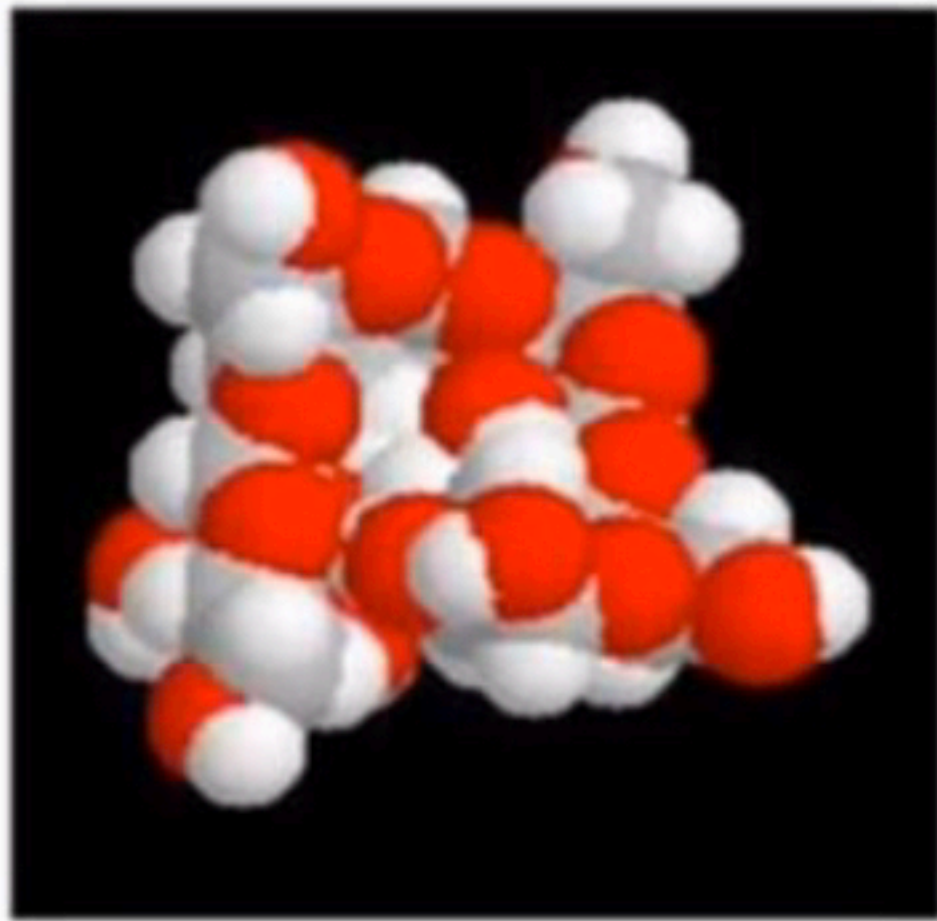
cholesterol

Estrogen

vitamin



this picture is.....



cellulose

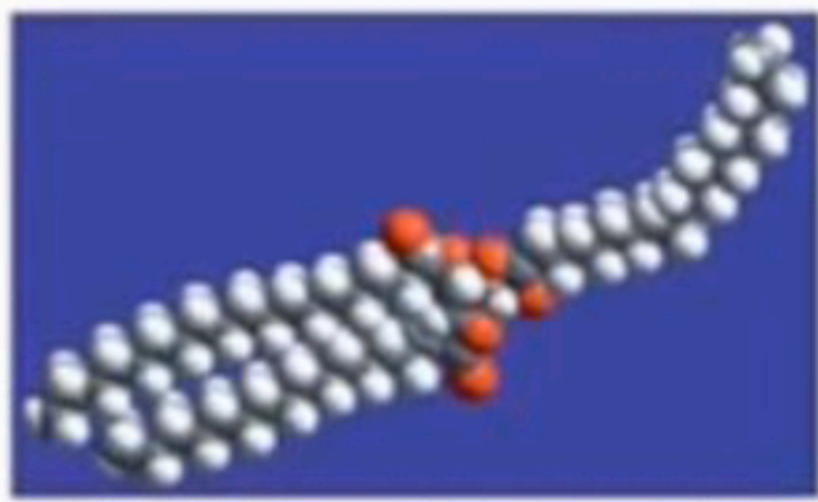
starch

glucose

lipids



this picture is .....



lipids

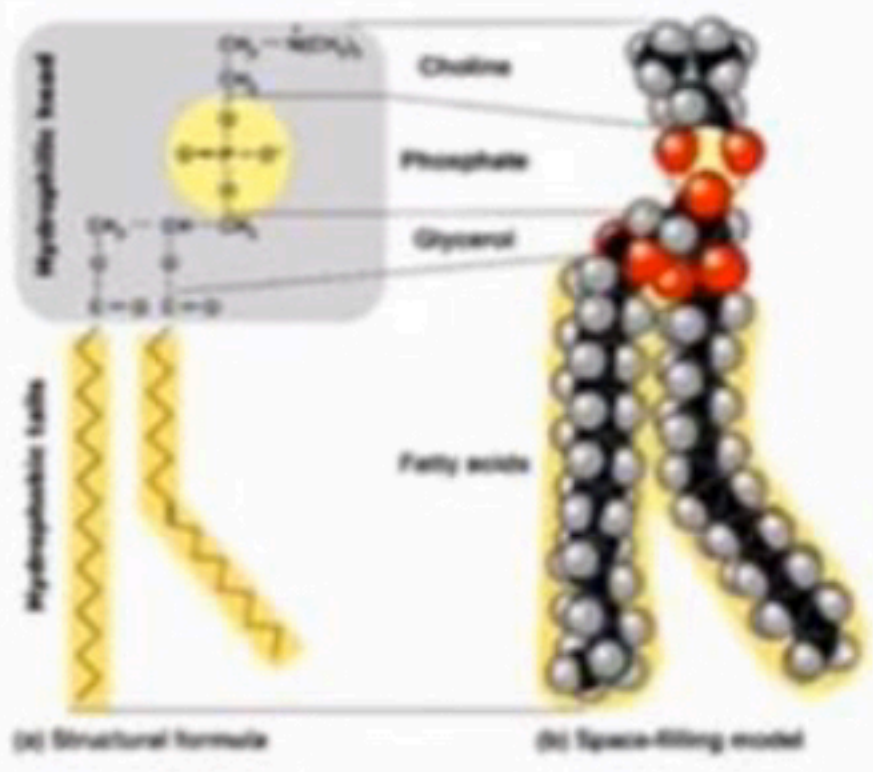
cellulose

fructose

starch

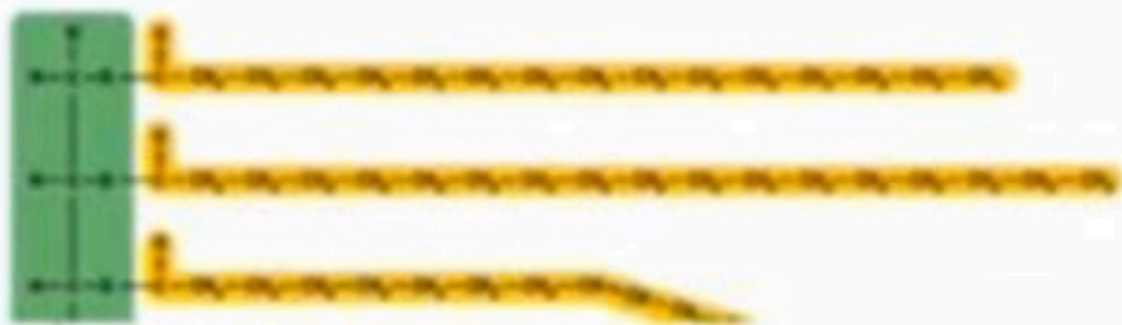


This picture is.....



- phospholipids
- starch
- amino acids
- glycogen





..... This picture is



.a



sugar

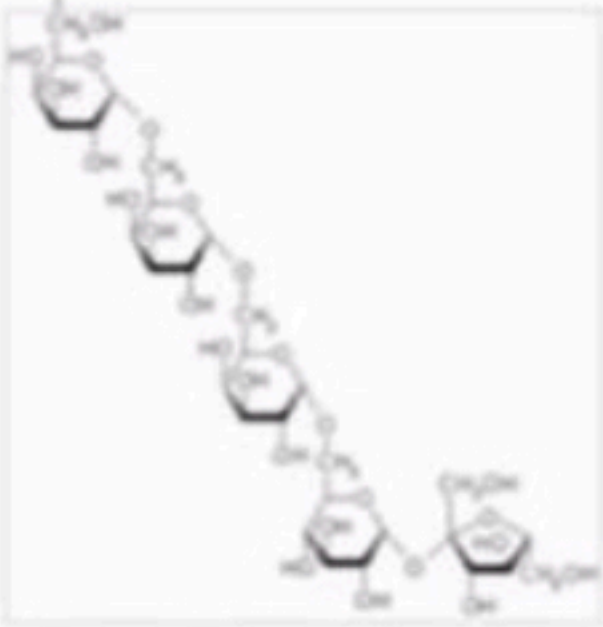
.b



glucose

.c





..... This picture is



galactose

.a



fats

.b



oil

.c

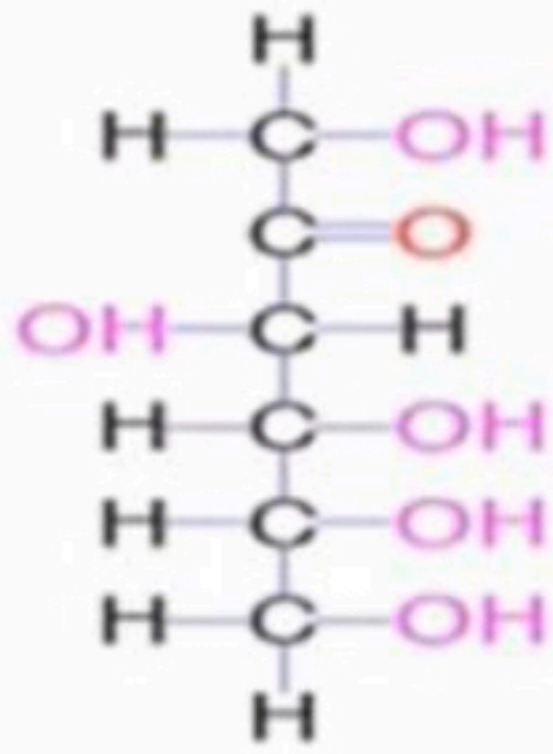


polysaccharide

.d



This picture is .....



.a



.b



.c

fructose

fats

glucose



This picture is .....



DNA

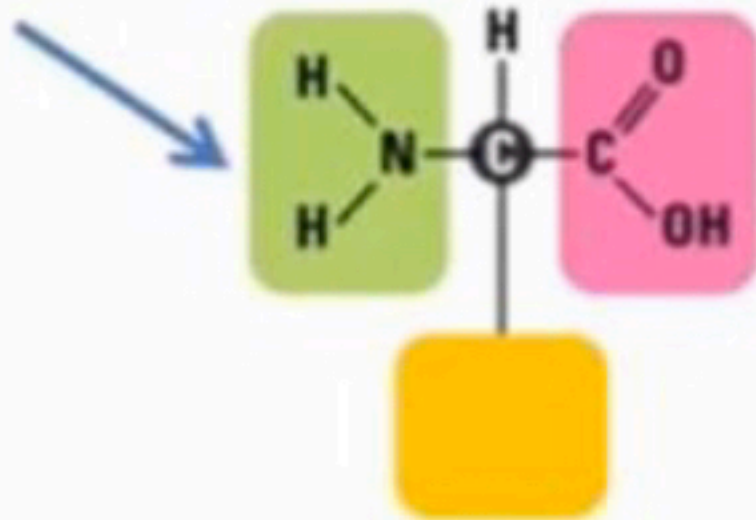
RNA

amino acids

fatty acide



the arrow in the figure biased to.....



hydrogen-H

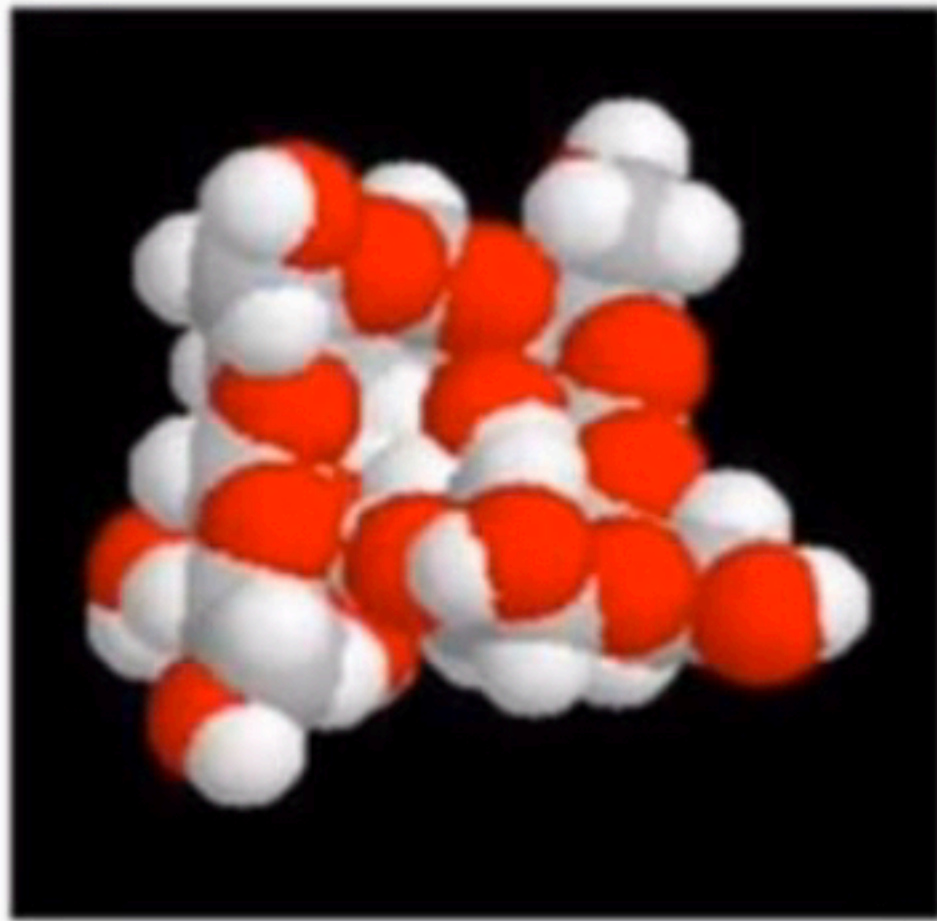
carboxy group

amino group

side group



this picture is.....



cellulose

starch

glucose

lipids



## اختیارات

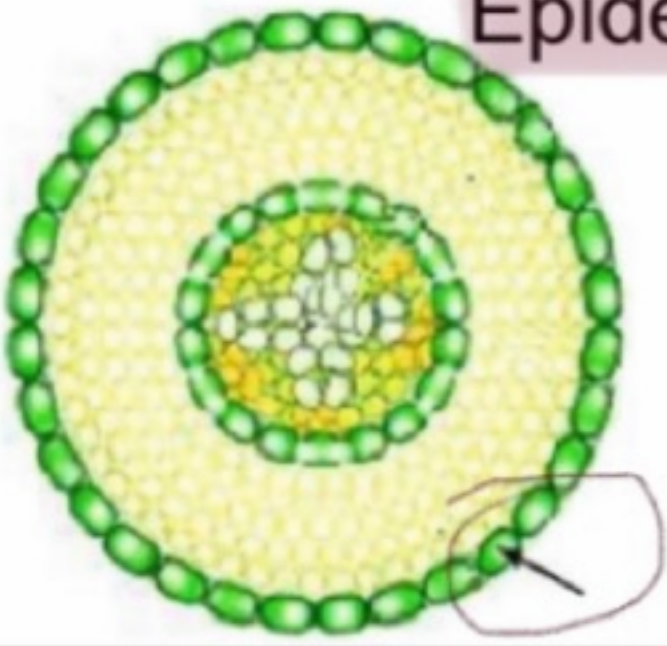
- 1) magnification
- 2) see
- 3) name
- 4) carefully
- 5) Biology
- 6) genus
- 7) dots
- 8) remember
- 9) pencil
- 10) clear
- 11) familiar with details
- 12) lower



- horizontally → جواب
- seen on diagram → خطأ
- All drawing don't have Title → خطأ
- Genus and species → جواب
- stippling or dots → جواب
- Diagram and graph → خطأ
- lines when drawing → جواب
- your page → خطأ
- drawing skills → خطأ
- about the specimen → جواب
- anatomical shape → خطأ
- information of the specimen → جواب
- science of biology → جواب

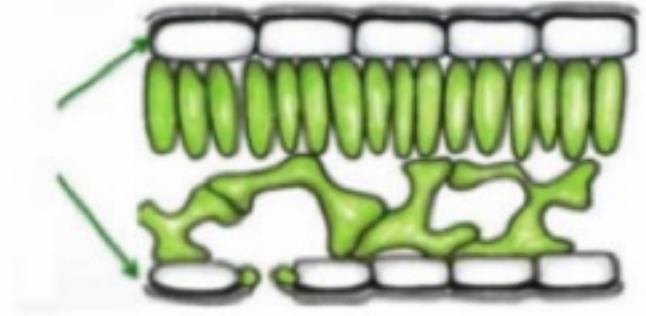


Epidermis

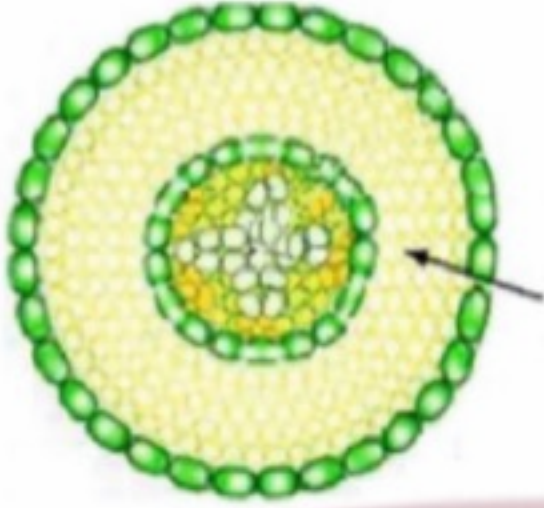


Cuticle

The arrow indicates



Ground tissue

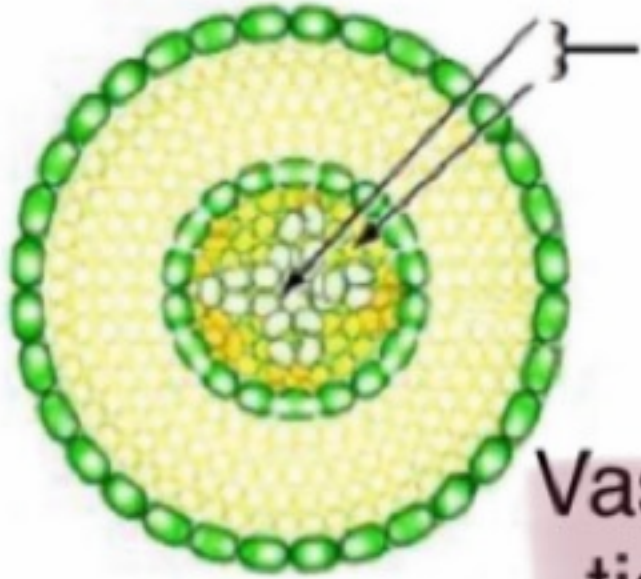


Plant tissue

What is it



Vascular tissue



The arrow indicates

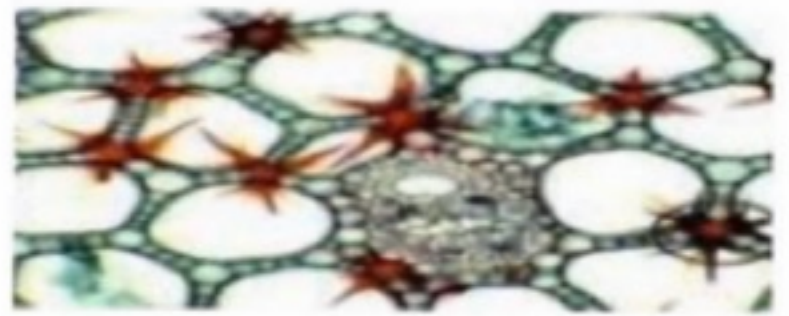


Thin primary cell wall parenchyma



What is it

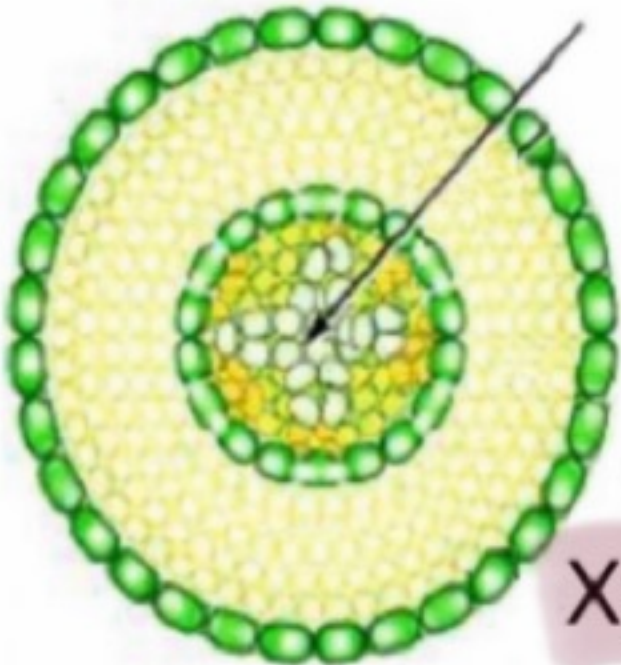
Fibers



What is it

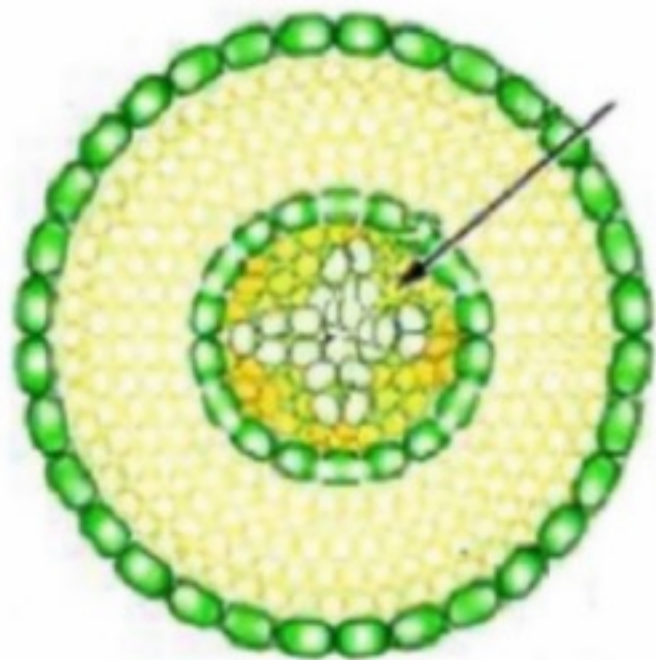
Sclereids

Xylem

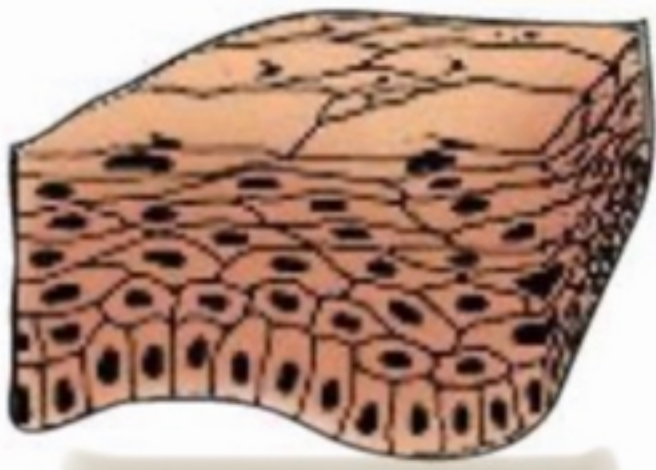


Phloem

The arrow indicates

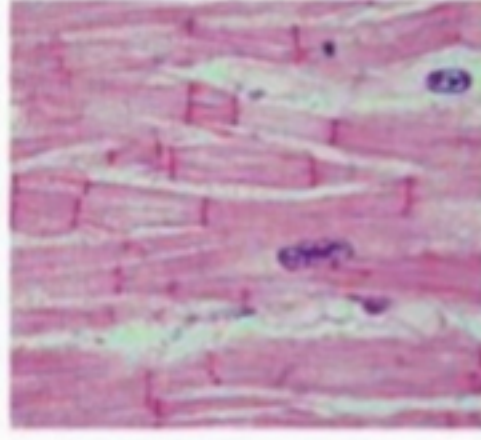




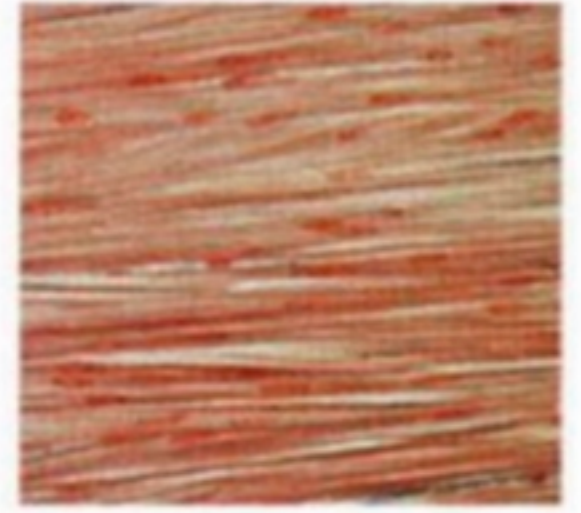


Stratified Squamous

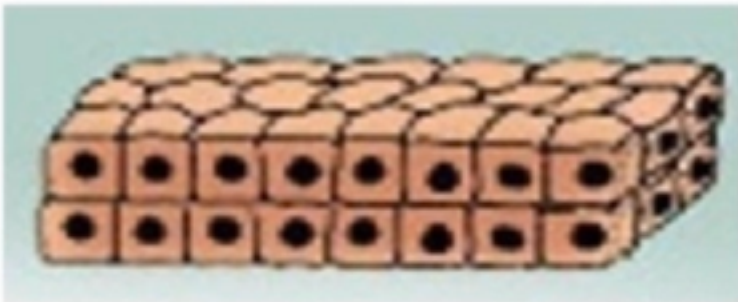
Cardiac



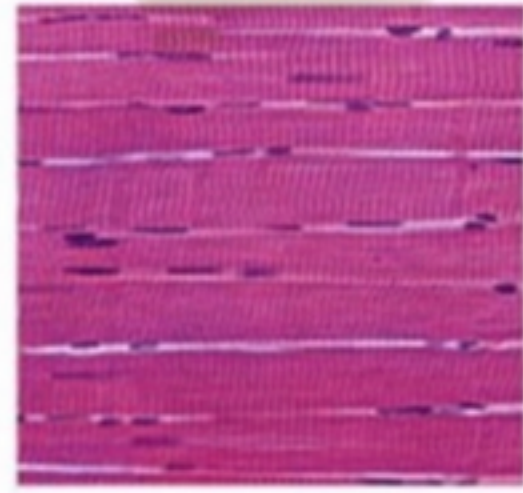
Unstriated



Stratified cuboidal



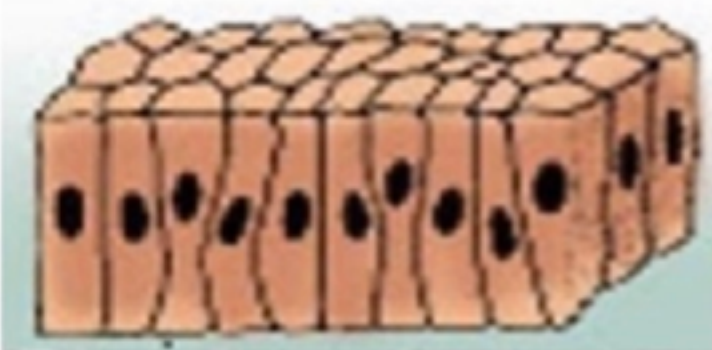
Striated



Simple cuboidal



Simple columnar



Pseudostratified columnar



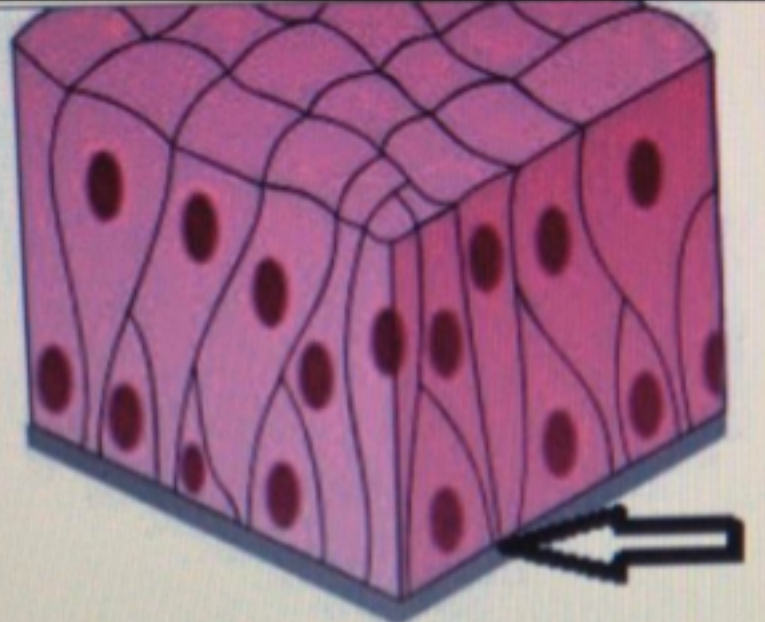
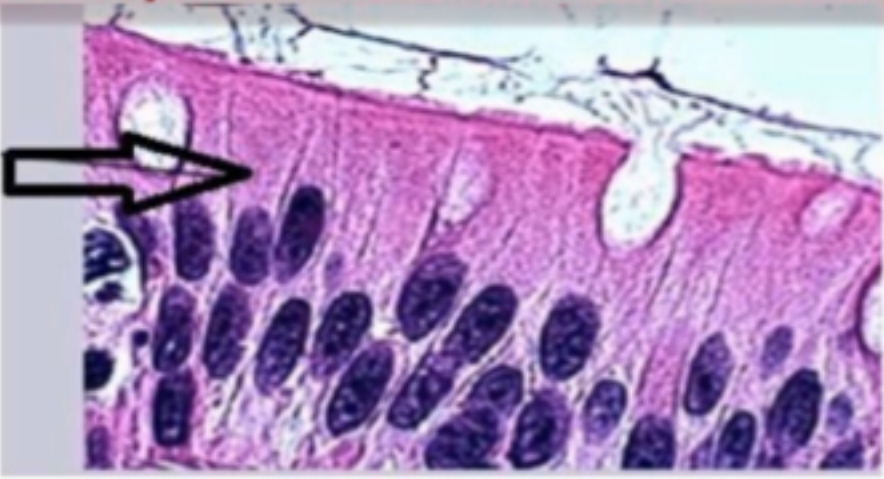
Simple squamous epithelium

Transitional

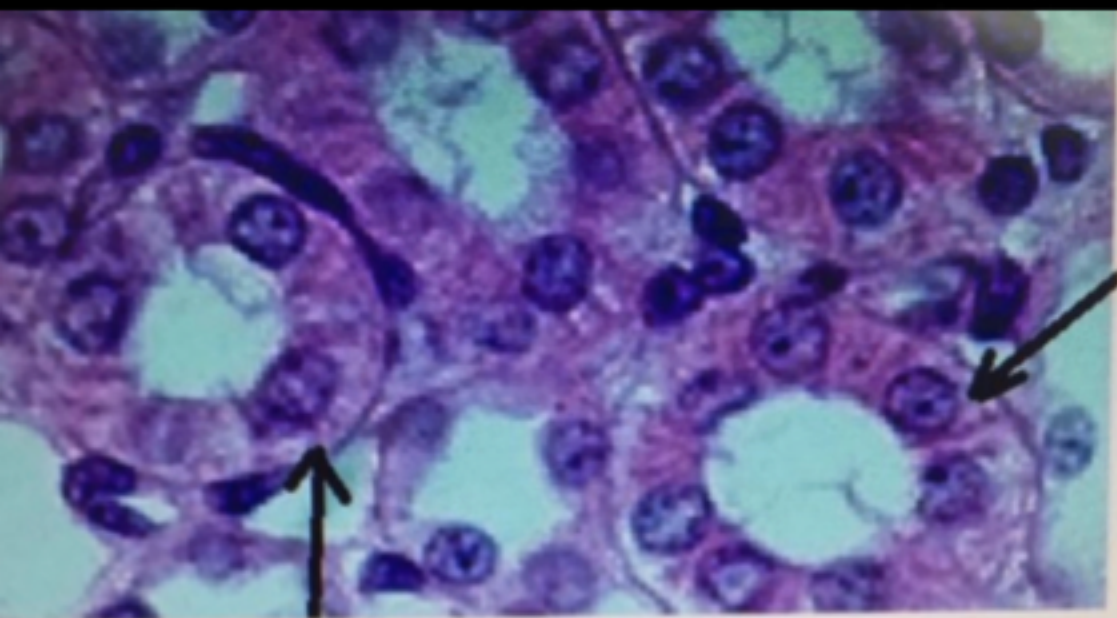




# Simple columnar cells

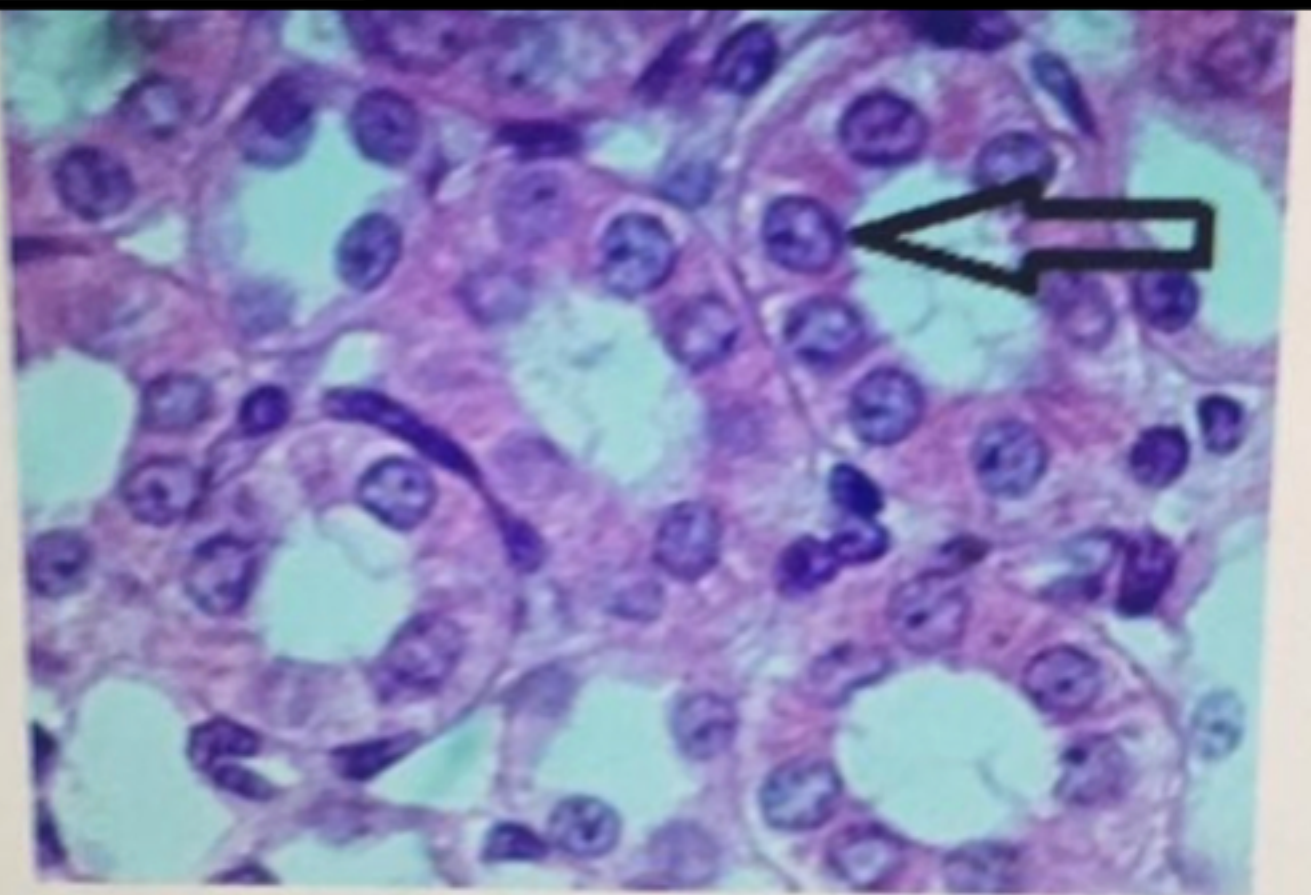


The arrow in the figure biased to  
Basement membrane



# Simple cuboidal epithelium

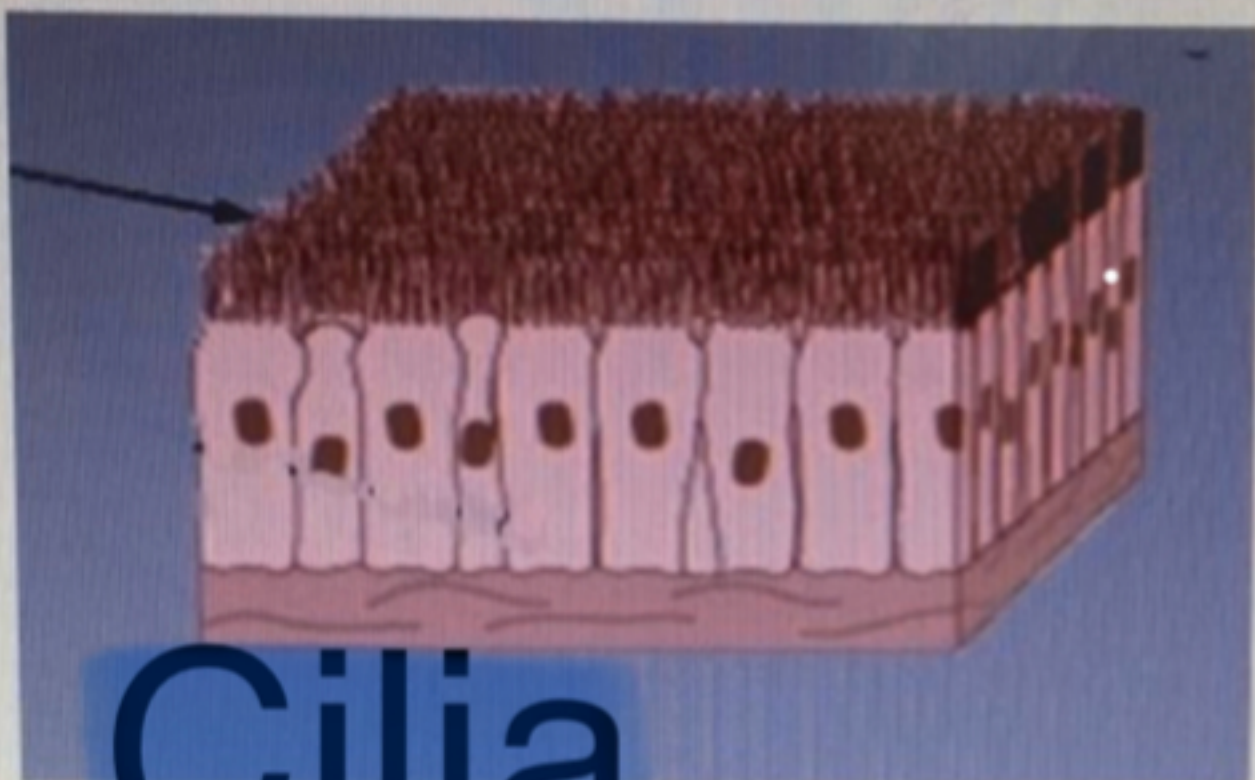
..... This picture is  
Striated muscle .a   
Bone .b



The arrow in the figure biased to

Simple cuboidal cell  الإجابة المحددة:

Simple cuboidal cell  إجابة صحيحة:



# Cilia

The arrow in the figure biased to



- 1) organism of kingdom Monera are Unicellular organism « حيوان »
- 2) Animals are autotrophic organism « خطأ »
- 3) Bread mold fungus & Mushroom are examples of kingdom Monera « خطأ »
- 4) crocodile belongs to reptiles « حيوان »
- 5) whale is considered as vertebrate « حيوان »
- 6) The DNA is in double stranded form in kingdom Monera « حيوان »
- 7) whale and Dolphin are considered as mammals « حيوان »
- 8) organism of kingdom fungi absorb their food from the bodies of other organisms either living or dead « حيوان »
- 9) octopus is member of phylum Echinodermate « خطأ »
- 10) kingdom Monera can survive in harsh and extreme climatic conditions « حيوان »
- 11) organisms of kingdom Monera are Eukaryotes « خطأ »
- 12) Jellyfish is a member of phylum ~~pro~~ porifera « خطأ »
- 13) Animals are divided into two large groups vertebrates and invertebrates « حيوان »



- 14) Grouper is a member of Bony fishes « جواب »
- 15) organisms of phylum porifera have organs or nerve cells or muscle cells « خطأ »
- 16) kingdom plantae is classified into six main groups « خطأ »
- 17) snakes are tetrapods « جواب »
- 18) Taxonomic rankings is arranged from the smallest to the largest « خطأ »
- 19) ( Bat belongs to class of Aves ( birds « خطأ »
- 20) Most organisms of phylum porifera are salt - water sponges « جواب »
- 21) Reptiles breath through gills in larval stage , replaced by lungs in the adult « خطأ »
- 22) Animals are divided into two large groups « جواب »
- 23) Asteria fish is a member of phylum Coelentrate « خطأ »
- 24) species is a group of similar individuals in the characteristics of Composition and function « جواب »
- 25) All organism of kingdom ~~protista~~ protista are multicellular « خطأ »
- 26) Amoeba are examples of kingdom protista « جواب »



1) one of the most important classification systems currently .....

Five

2) seal is .... ?

Mammal

3) Invertebrates comprised of ..... phyla

eight

4) Carl Linnaeus developed a .....

binary

5) Tapeworm and Schistosoma are example of

Platyhelminthes

6) ..... protista are organisms of

Eukaryotes

7) Whale is

Mammal

8) Earth worm ~~is~~ belongs to

segmented

9) ..... Fungi organisms of

Eukaryotes

10) ..... Bacteria are organisms of

prokaryotes

11) sharks are

Cartilaginous fish

12) All insects have

limbs 6

13) is group of kingdom plantae .....

Vertebrates

14) kingdom plantae is classified into .....

four

15) All kingdoms but kingdom ..... contain primitive nucleus

Monera

16) This method is designated to species with a .....

Latin



17) Cyanobacteria are organisms of

prokaryotes

18) plantae organisms of

Eukaryotes

19) Carl Linnaeus set up

Three

20) All insects are members of phylum.

Arthropoda

21) Frog is

amphibia

22) Hawk is

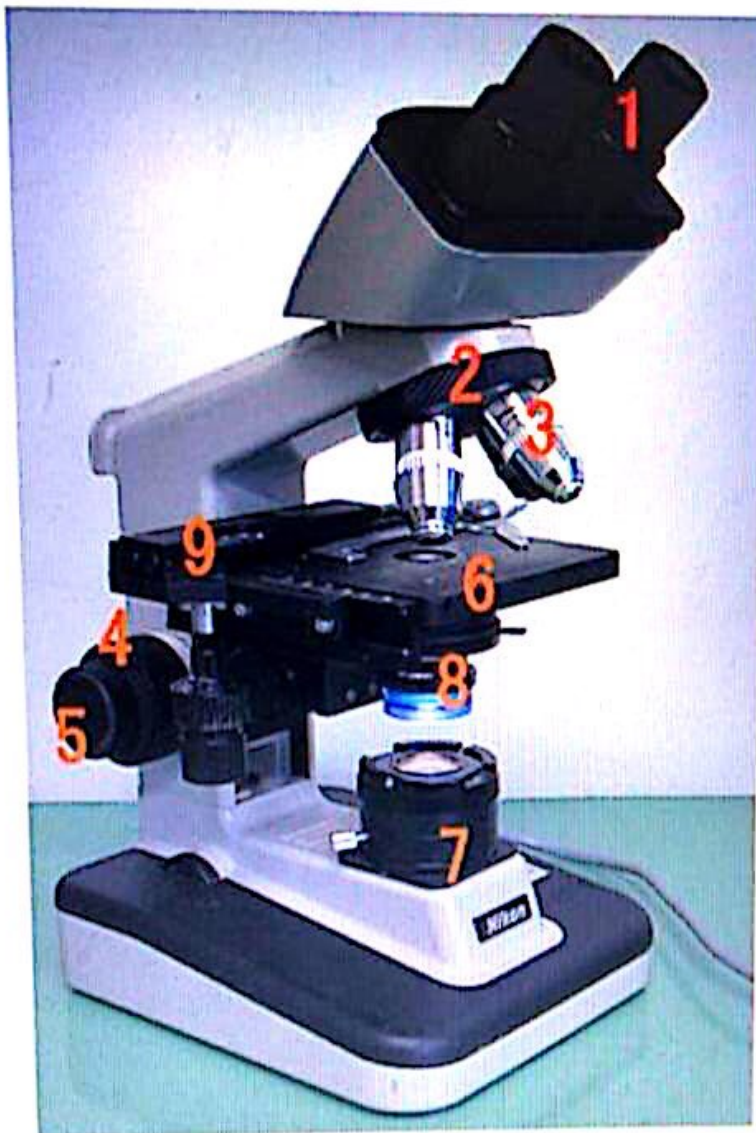
bird

23) crabs, shrimps, lobsters belong to

Crustaceans



..... Number 5 in the figure biased to



Fine focus adjustment knob الإجابة المحددة:

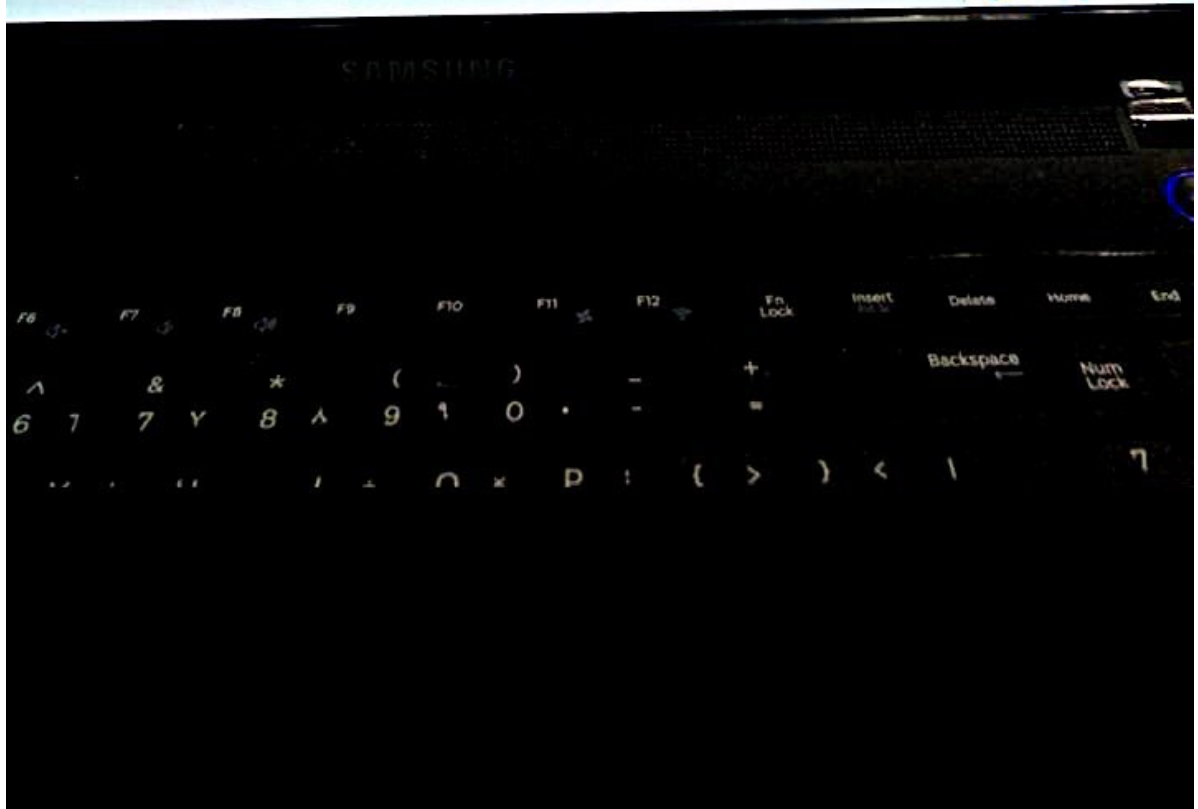
Fine focus adjustment knob إجابة صحيحة:



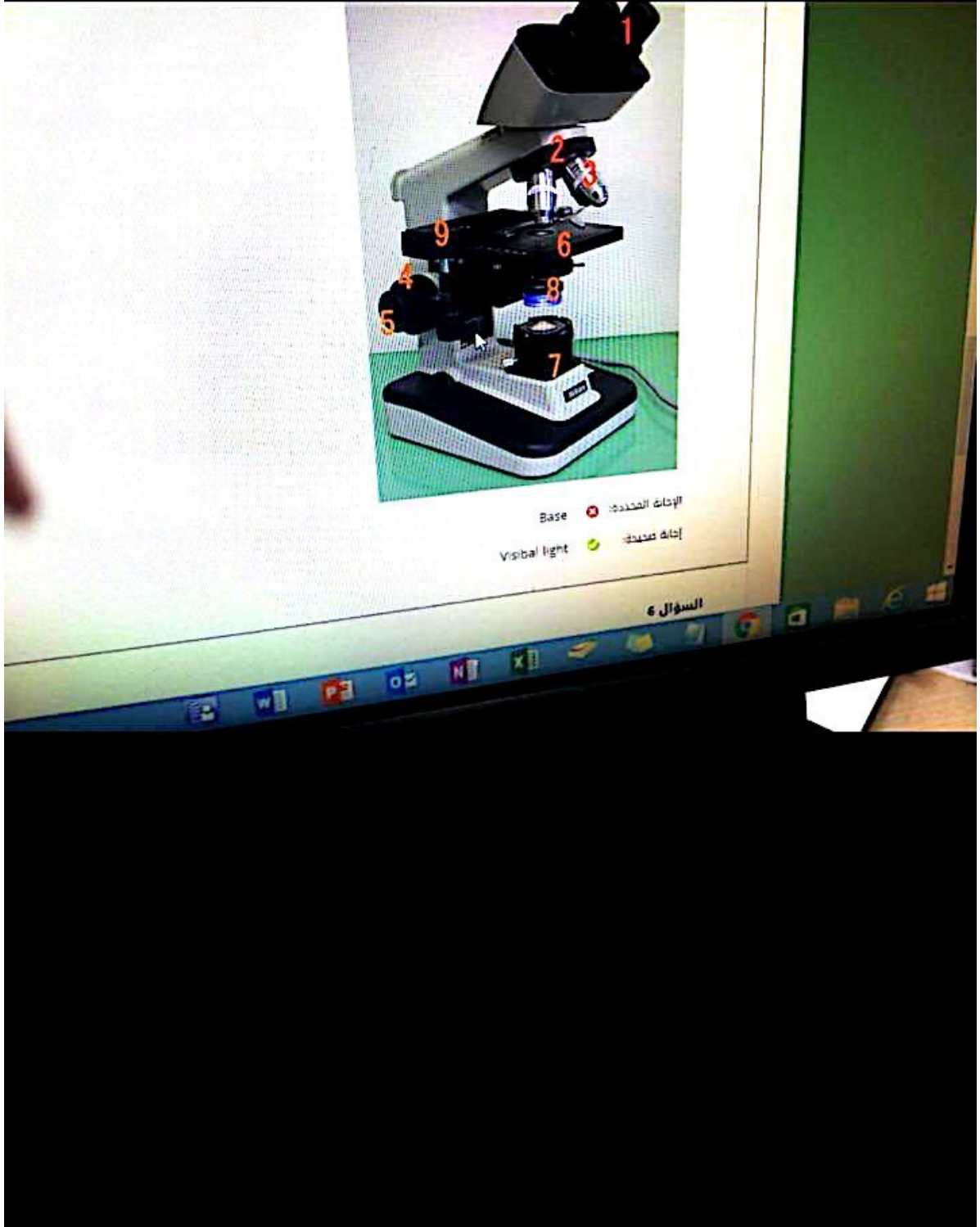
The revolving nose piece is part of light microscope which number in the picture refer to it



- 2  الإجابة الصحيحة
- 2  الإجابة الصحيحة



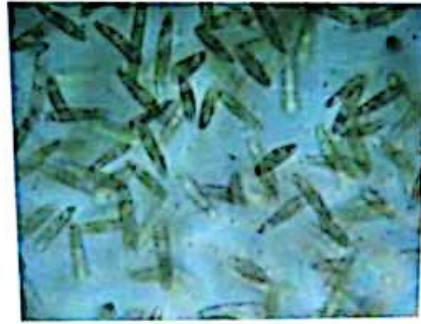






### السؤال 3

..... This is Euglena under

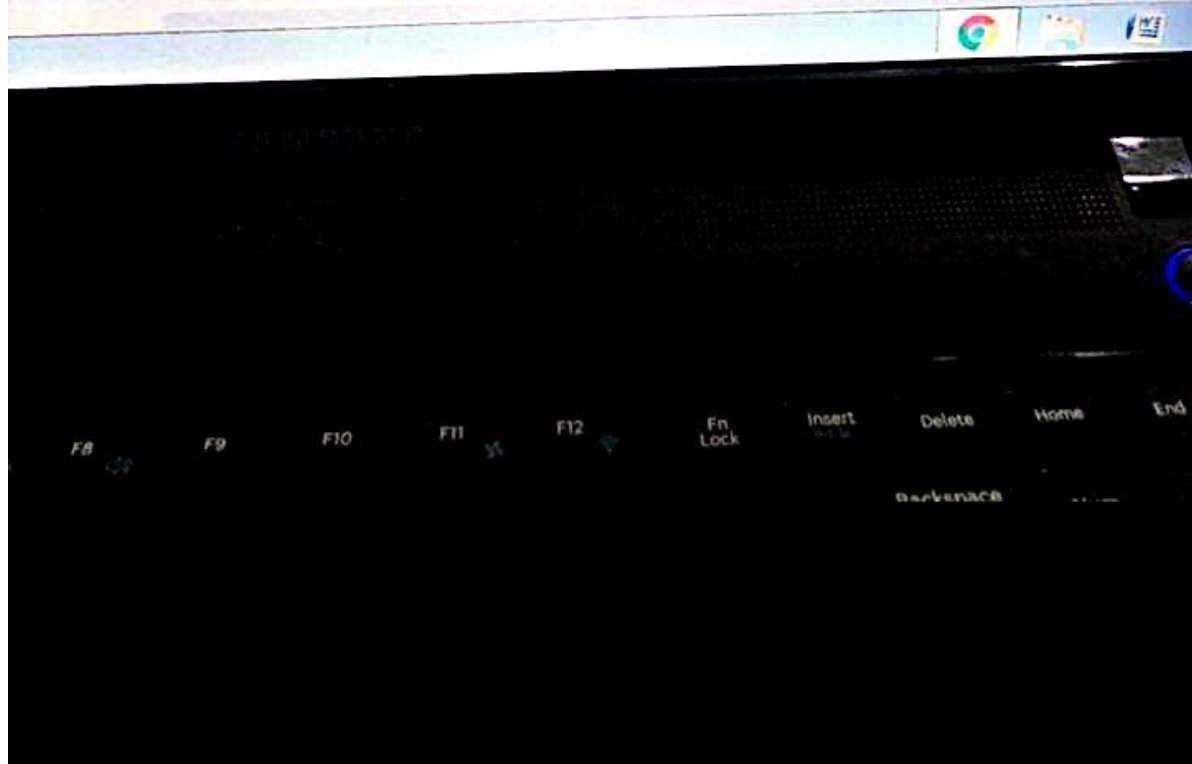


Light Microscope  الإجابة المحددة:

Light Microscope  إجابة صحيحة:

### السؤال 4

evolving nose piece is part of light microscope which number in the picture refer to it





## السؤال 2

This picture refer to



الإجابة المحددة: SEM ❌

إجابة صحيحة: SEM ✅





### السؤال 5

The revolving nose piece is part of light microscope which number in the picture refer to it



- الإجابة المحددة: 2 ✓
- إجابة صحيحة: 2 ✓

### السؤال 6



السؤال 5

Number 7 in the light microscope sign to



Base  الدخلة المنخفضة  
Visual light  إضاءة منخفضة

السؤال 5



الوقت المنقضي 3 دقيقة من 10 دقائق

تم عرض النتائج الإجابات المرسله, الإجابات الصحيحة, ملاحظات, الأسئلة التي تمت إجابتها بشكل غير صحيح

### السؤال 1

What is the best name to this microscope

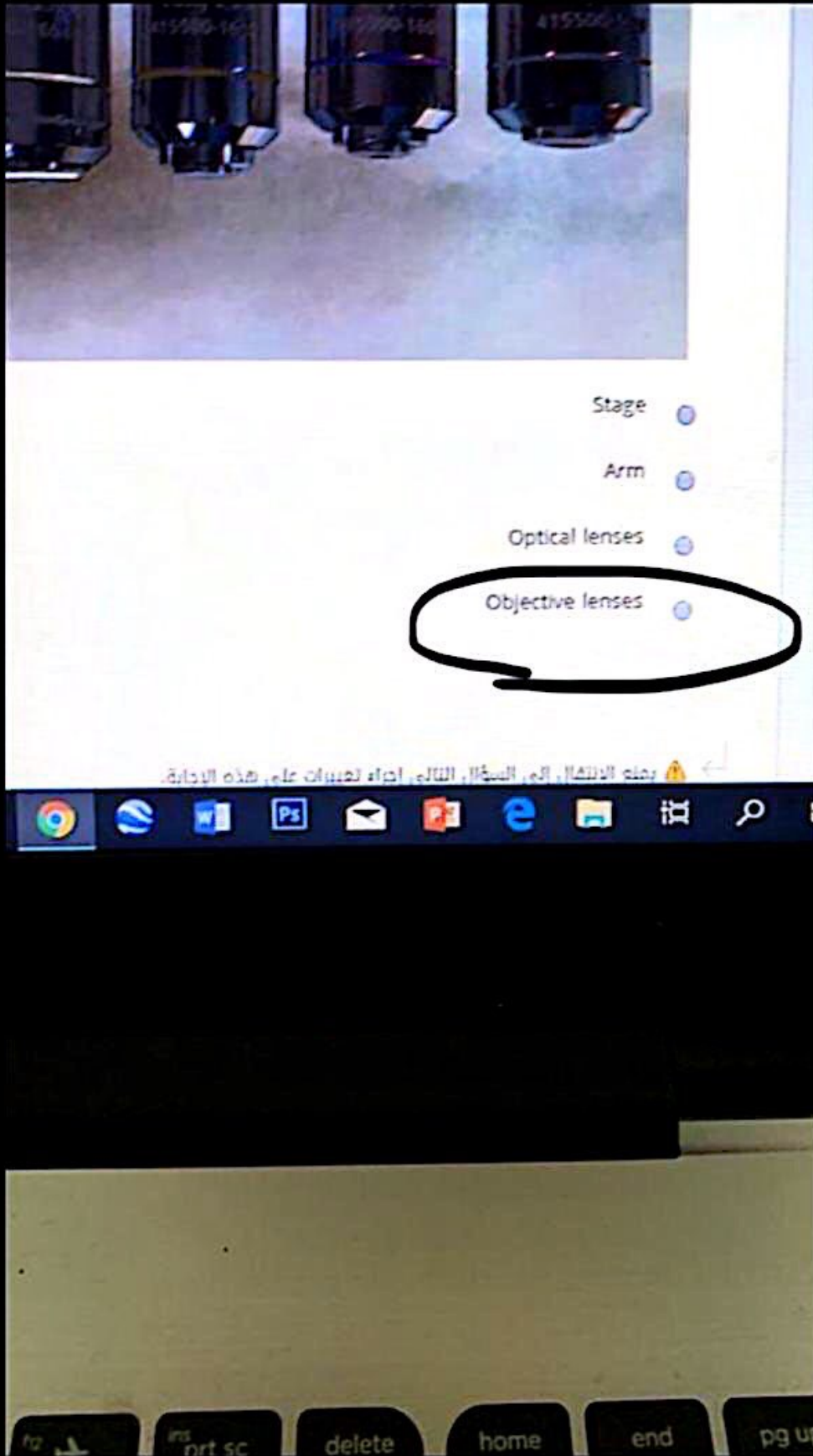


الإجابة المحددة: Light Microscope

إجابة صحيحة: Light Microscope

DELL

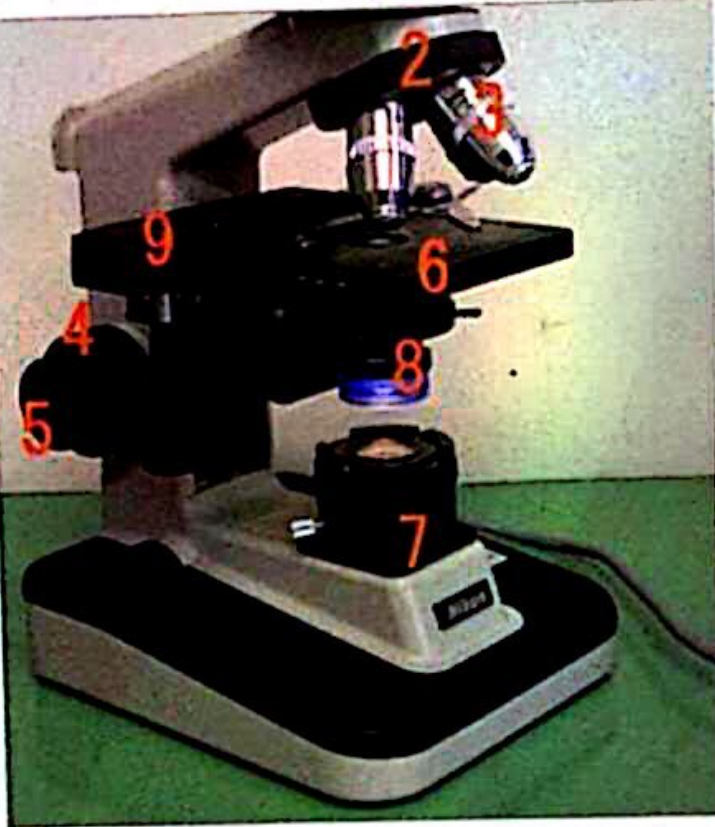






الوقت المتبقي: 5 دقائق, 39 ثانية (نوان).

حالة إكمال الأسئلة:



Electrons gun

Base

Visual light

Controls



...sment/review/review.jsp?attempt\_id=\_1624458\_1&course\_id=\_217019\_1&content\_id=\_1365987\_1&return\_content=1&step=

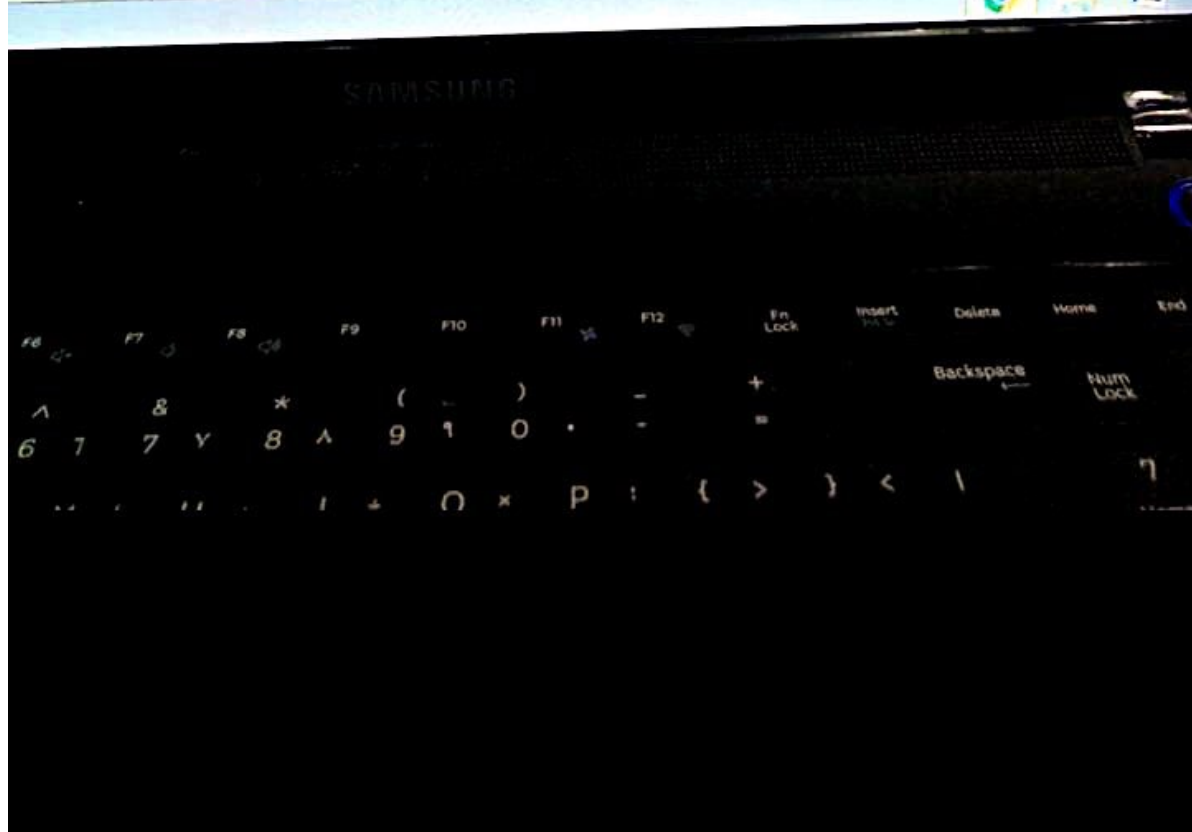
السؤال 5

What is the best name to this microscope



Light Microscope  اداة الميكروسكوب

Light Microscope  اداة مجهر





كل الوسائط

+966 53 646 2602

٢٠١٩/٩/١٨ ، ٩:٥١ م



الوقت المتبقي: 7 دقائق. 04 ثانية (توان).

حالة إكمال الأسئلة:



Visibal light

light microscope

TEM

SEM

⚠️ يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.





الوقت المتبقي: 13 دقائق. 28 ثانية (توان).

حالة إكمال الأسئلة:

This picture refer to



Arm

Optical lenses

Objective lenses

Stage





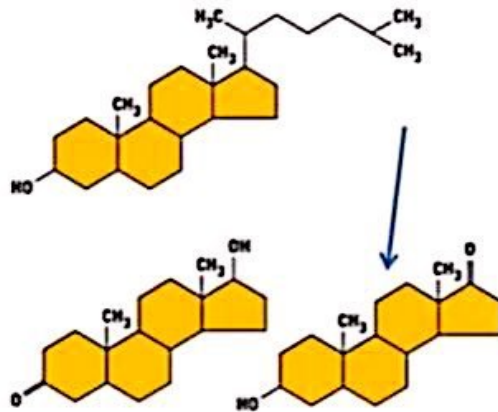


حالة إكمال الأسئلة:

⚠️ يمنع الانتقال إلى السؤال التالي إجراء تعديلات على هذه الإجابة.

0.25 درجات حفظ الإجابة

the arrow in the figure biased to.....



testosterone

cholesterol

Estrogen

vitamin

تحديد

+966 55 606 3608

٢٤ من الصور



صورة

حالة إكمال الأسئلة:

السؤال 1 من 9

⚠️ يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

0.25 درجات حفظ الإجابة

this picture is .....



lipids

celulose

fructose

starch

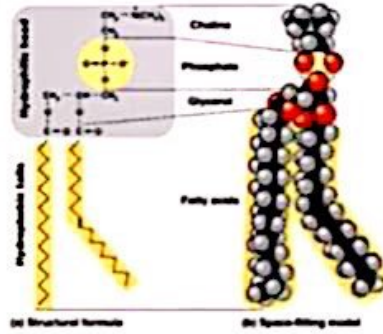
١٠:٤٥ ص





0.25 درجات حفظ الإجابة

This picture is.....



phospholipids

starch

amino acids

glycogen

١٠:٤٥ ص

الوقت المتبقي: 5 دقائق, 59 ثانية (ثوان).

حالة إكمال الأسئلة:



الوقت المتبقي: 7 دقائق. 17 ثانية (ثوان).

حالة إكمال الأسئلة:

السؤال 5 من 9

⚠️ يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه

الإجابة.

0.25 درجات حفظ الإجابة



..... This picture is

.a

galactose

.b

fats

.c

oil

.d

polysaccharide

١٠:٤٥ ص



تحديد

+966 55 606 3608



٢٤ من الصور

غير مسموح. يمكن إجراء هذا الاختبار مرة واحدة فقط.

فرض الإكمال

بمجرد البدء، يجب إكمال هذا الاختبار في جلسة واحدة. لا تترك الاختبار قبل النقر فوق **حفظ وإرسال**.

لا يسمح هذا الاختبار بالردوع. يحظر إجراء تغييرات على الإجابة بعد التقديم.

السؤال 6 من 9

⚠️ يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

0.25 درجات حفظ الإجابة



..... This picture is

- a. fat
- b. sugar
- c. glucose

١٠:٤٥ ص



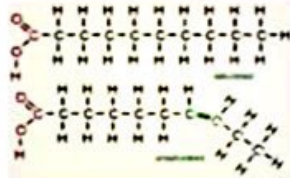
الوقت المتبقي: 5 دقائق, 37 ثانية (ثوان).

حالة إكمال الأسئلة:

السؤال 9 من 9  
انقر فوق إرسال لإكمال هذا التقييم.

حفظ الإجابة 0.25 درجات

This picture is .....



DNA

RNA

amino acids

fatty acide





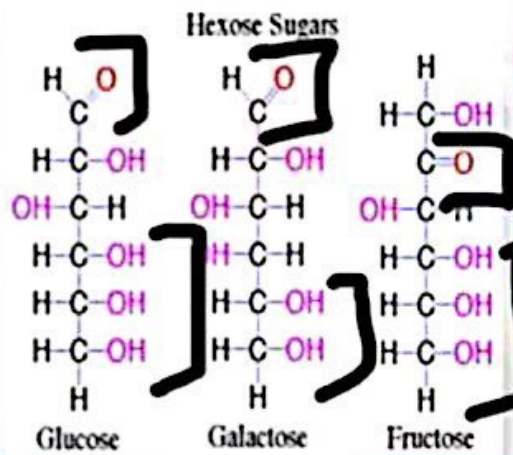
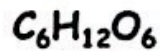
# Carbohydrates :

## Monosaccharides

Called simple sugars

Include glucose, fructose, & galactose

Have the same chemical, but different structural formulas





الوقت المتبقي: 7 دقائق. 59 ثانية (نواب).

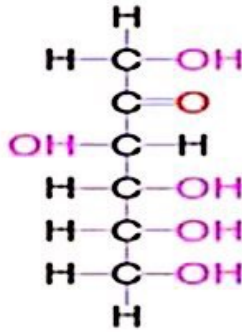
حالة إكمال الأسئلة:

السؤال 4 من 9

يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

0.25 درجات حفظ الإجابة

This picture is .....



- a. fructose
- b. fats
- c. glucose





الوقت المتبقي: 8 دقائق, 20 ثانية (ثوان).

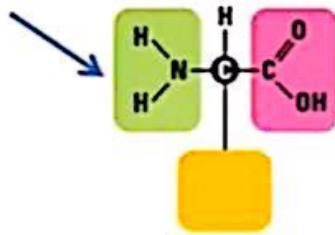
حالة إكمال الأسئلة:

السؤال 3 من 9

يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

0.25 درجات حفظ الإجابة

the arrow in the figure biased to.....



hydrogen-H

carboxy group

amino group

side group

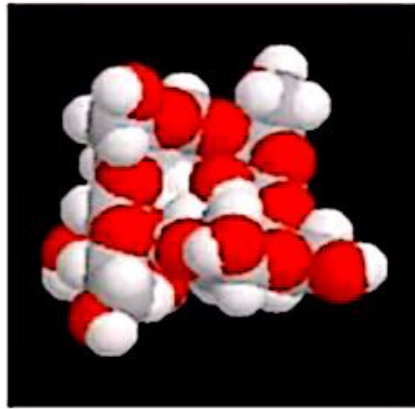
١٠:٤٥ ص



الوقت المتبقي: 8 دقائق, 51 ثانية (نوان).

حالة إكمال الأسئلة:

this picture is.....



celulose

starch

glucose

lipids

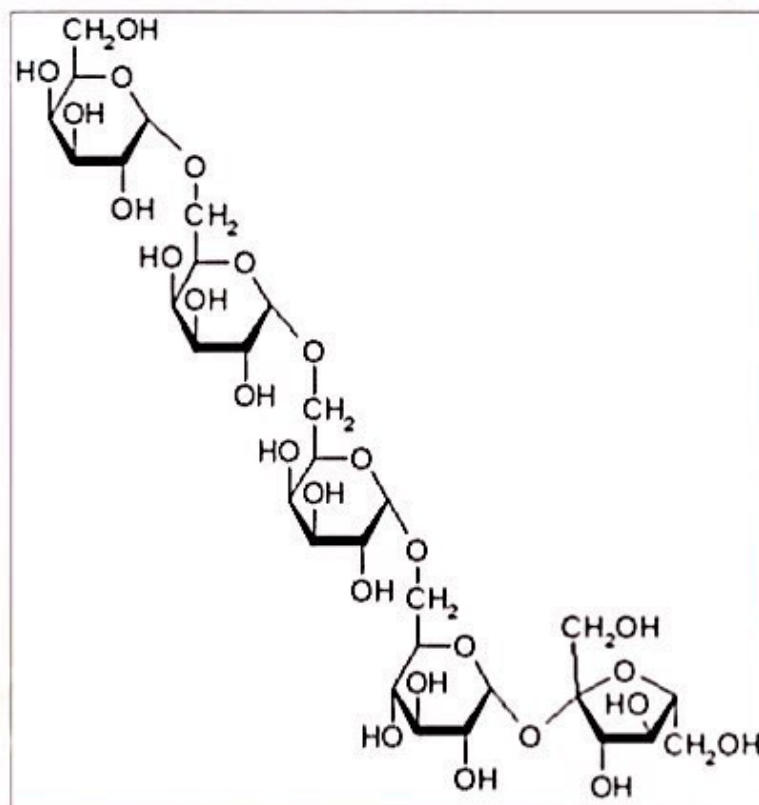


# Polysaccharides

**Complex  
carbohydrates**

**Composed of many  
sugar monomers  
linked together**

**Polymers of  
monosaccharide  
chains**

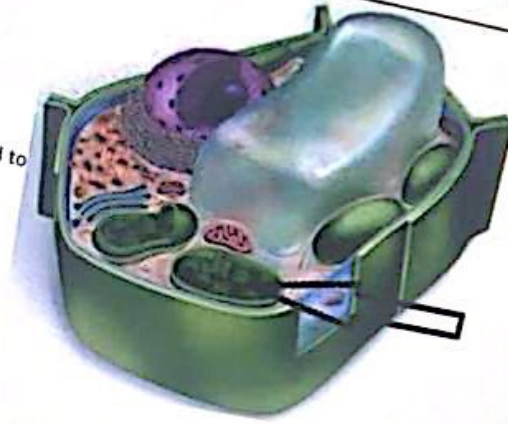


Ringtone



السؤال 6

The arrow in the figure biased to



- Chloroplast الإخضات
- Mitochondria
- Lysosomes
- Peroxisomes

السؤال 7

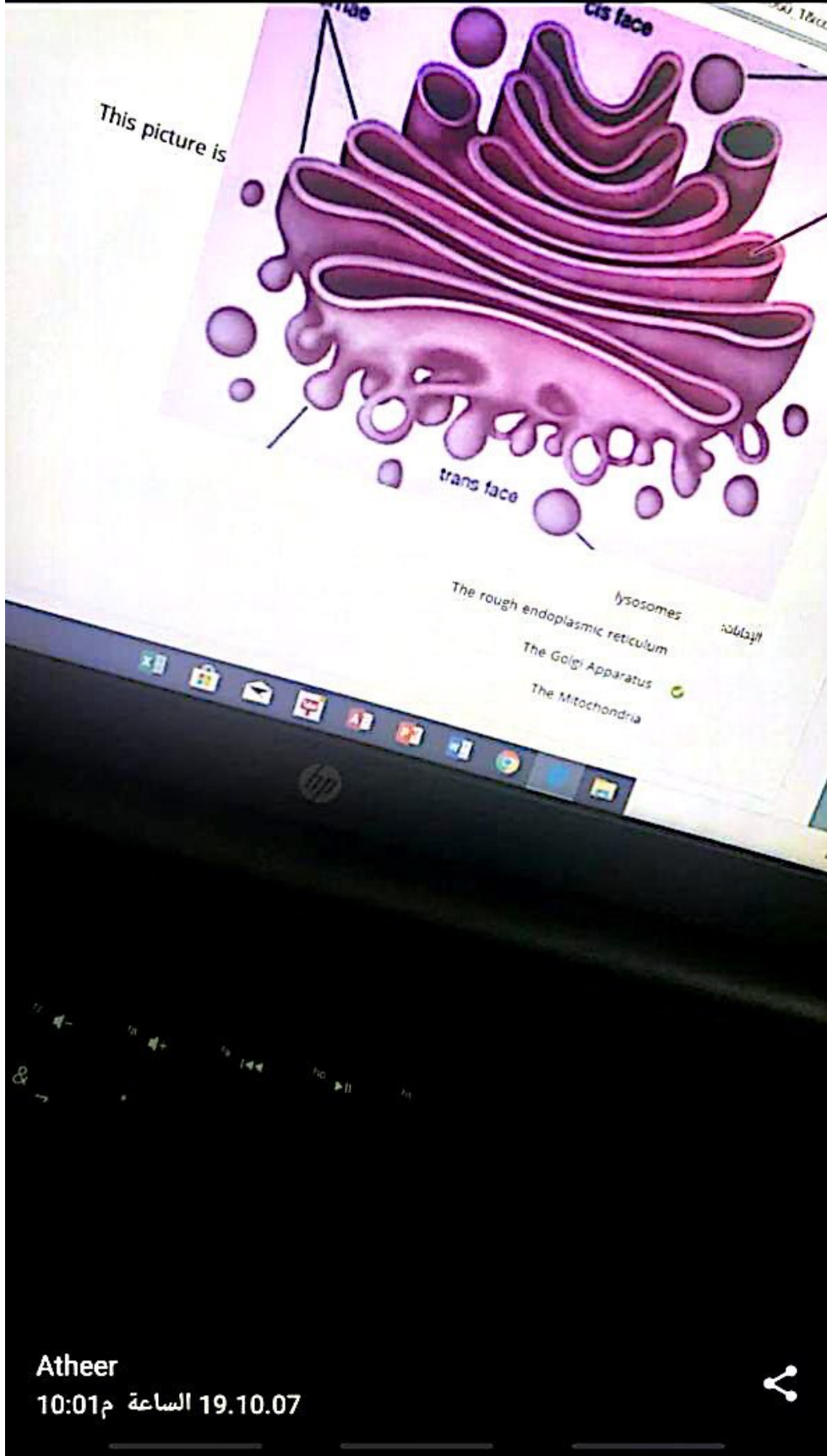
الاجابة

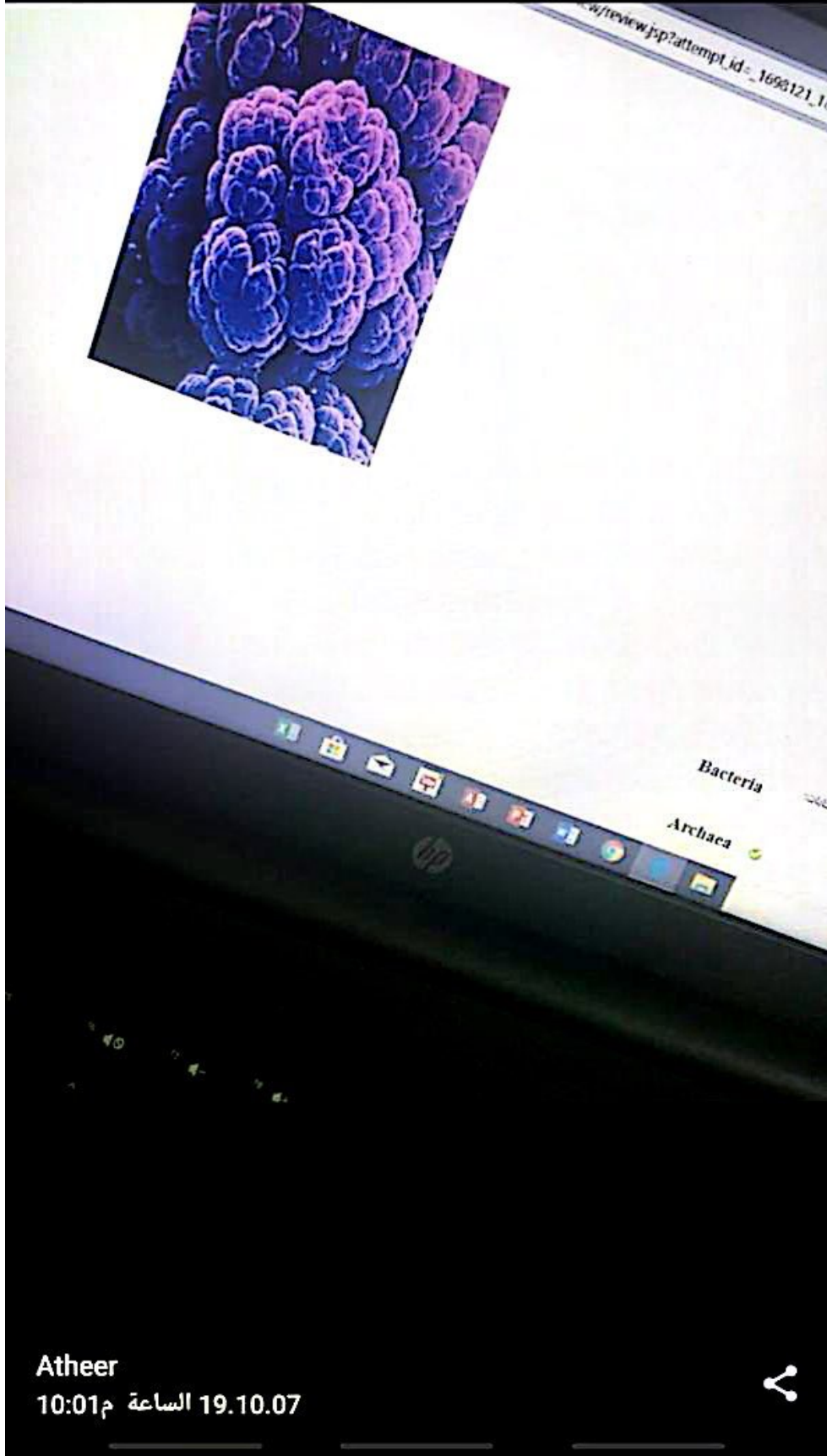
Atheer

10:01 م الساعة 19.10.07





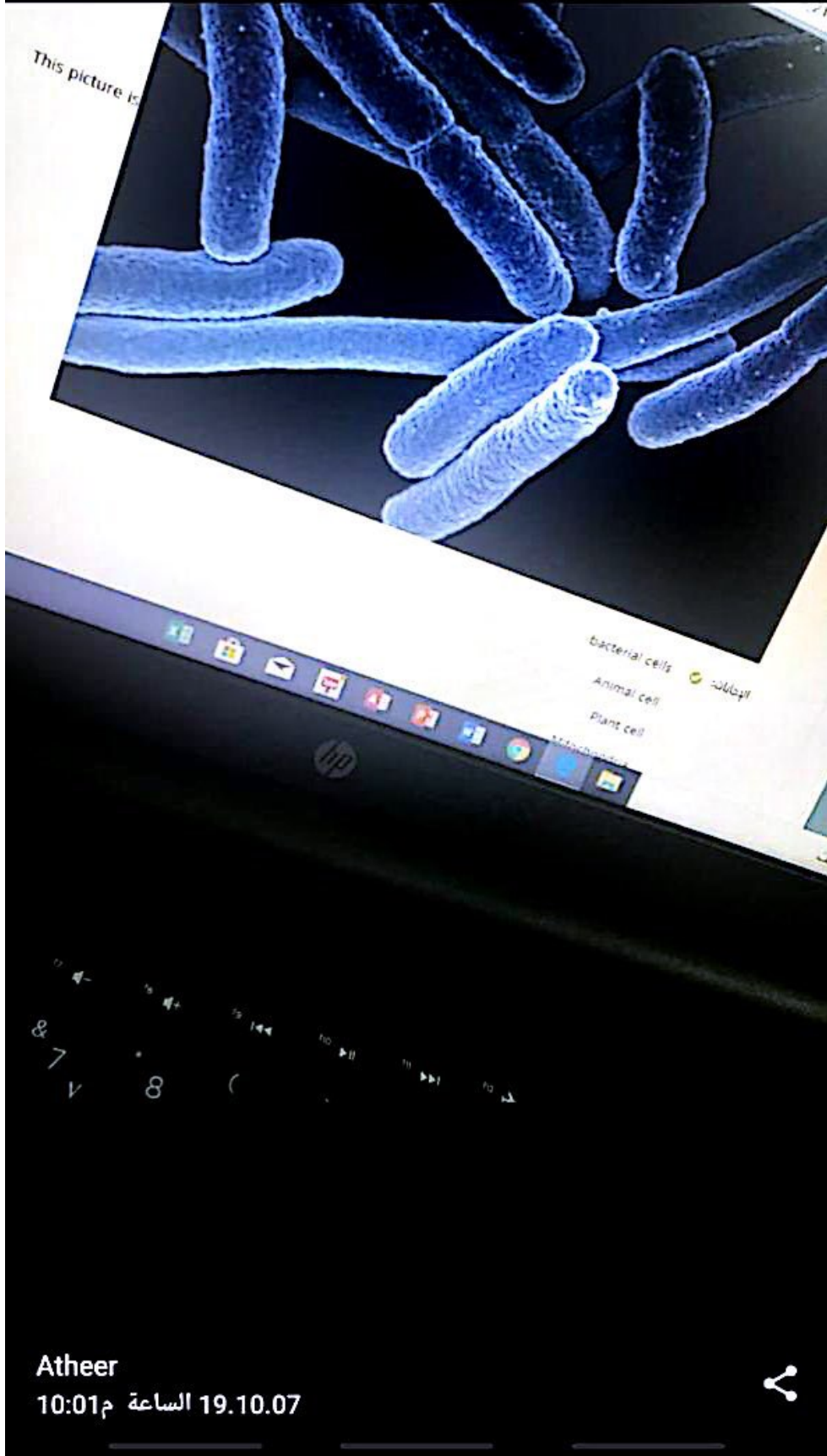


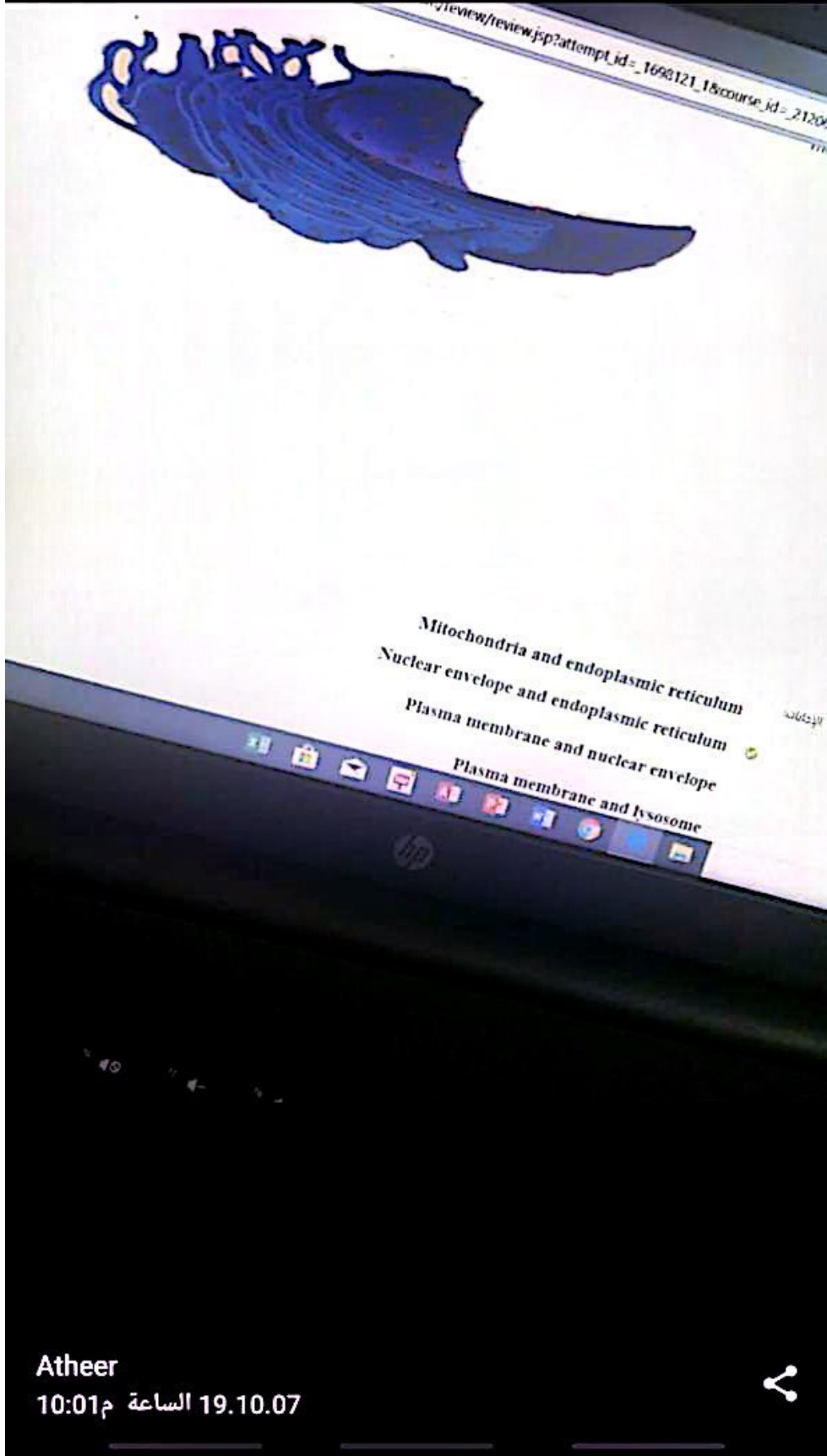


Atheer  
10:01م الساعة 19.10.07





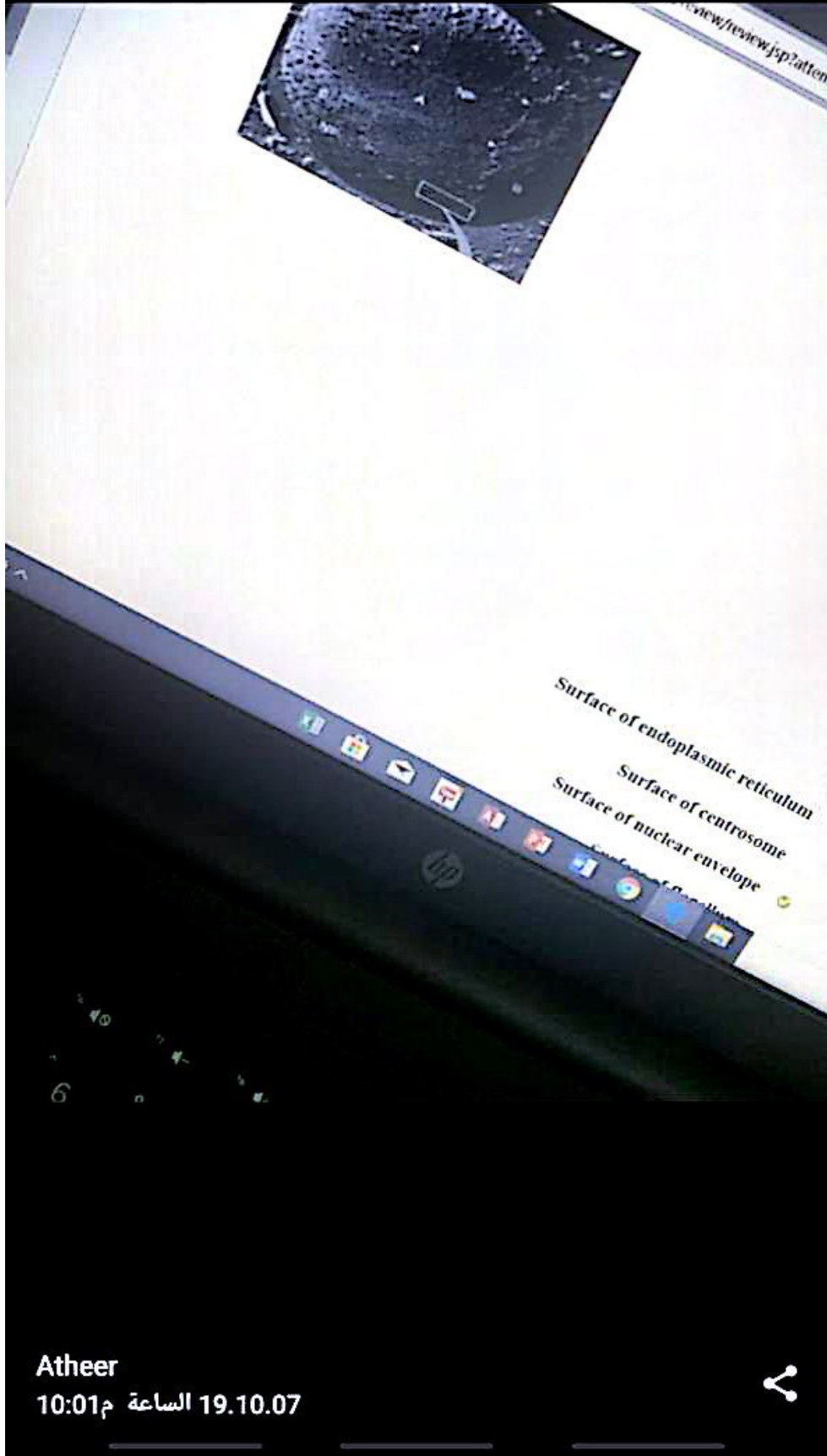


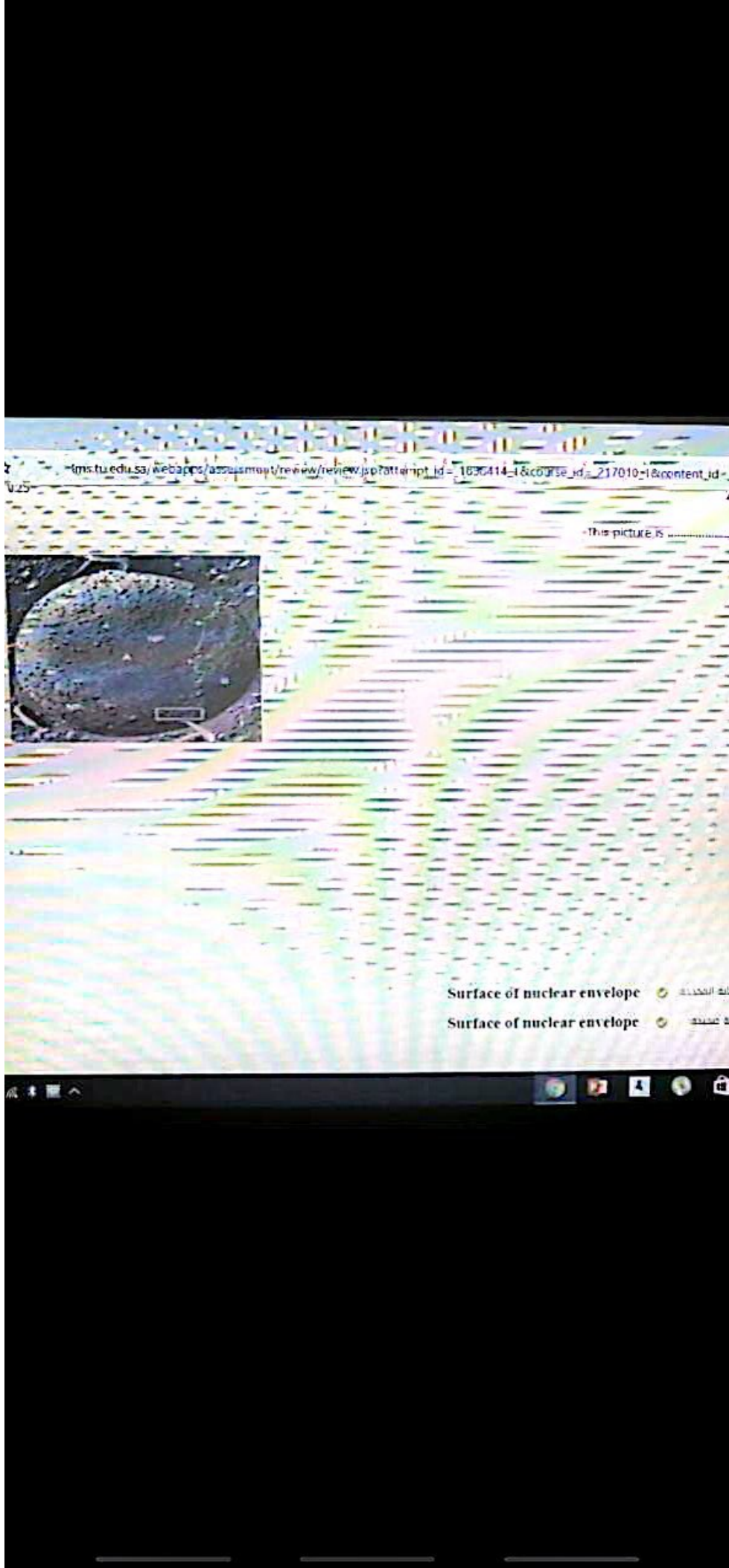


Atheer  
10:01م الساعة 19.10.07

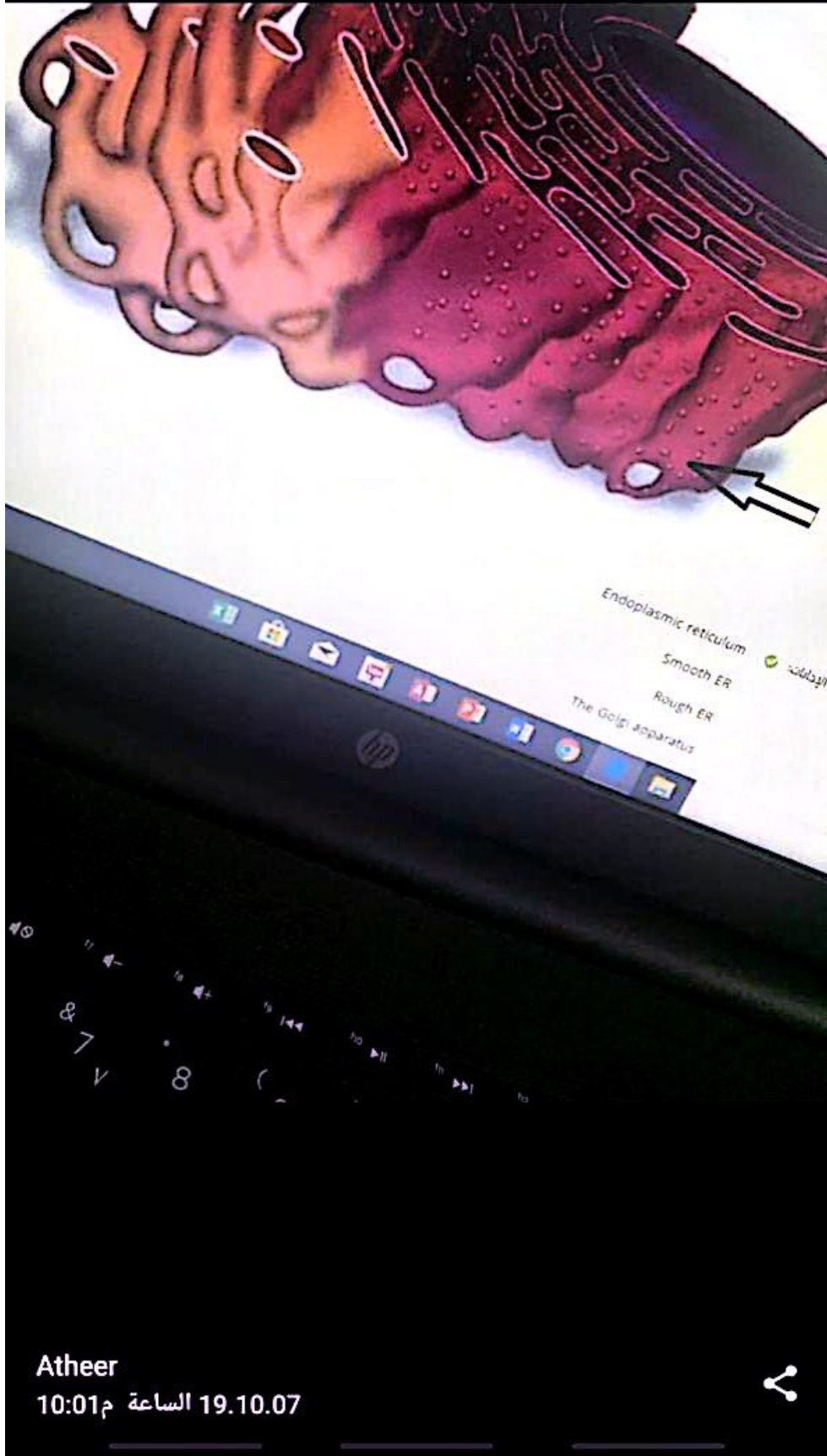


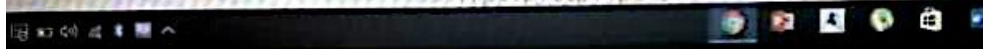
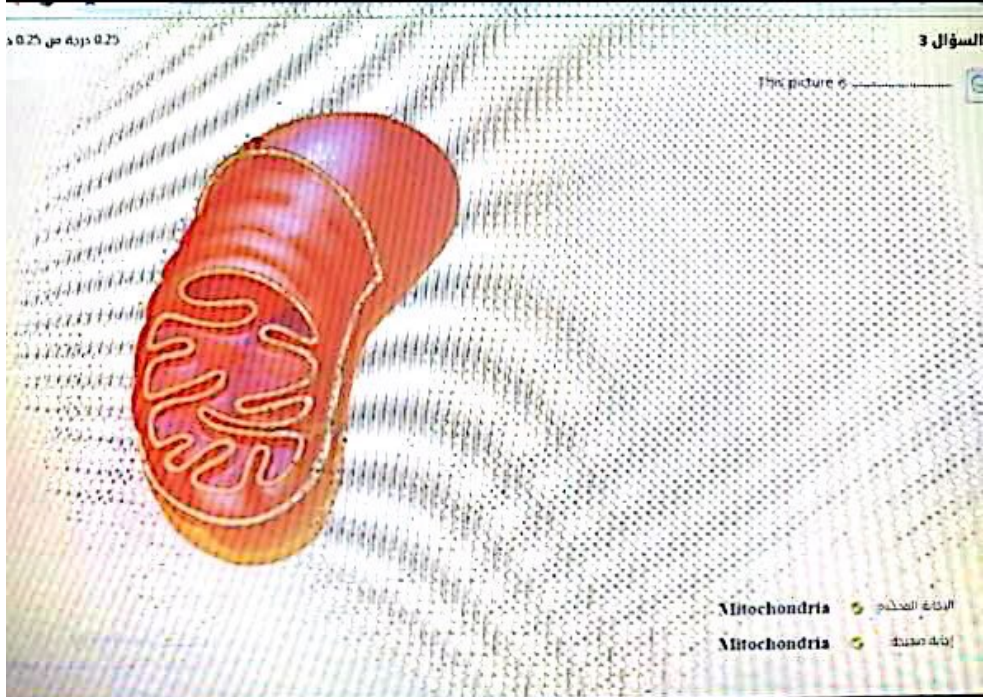








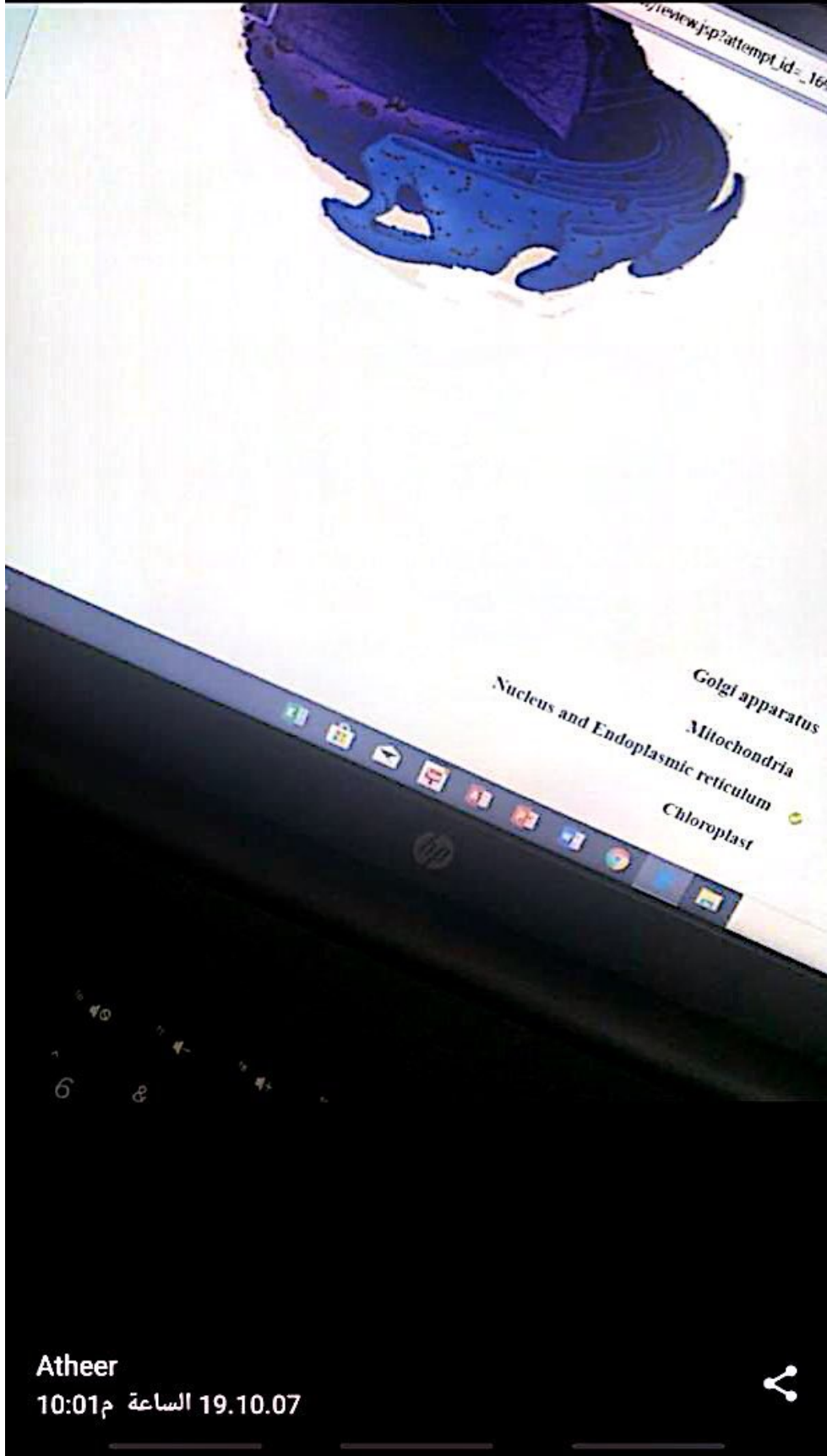




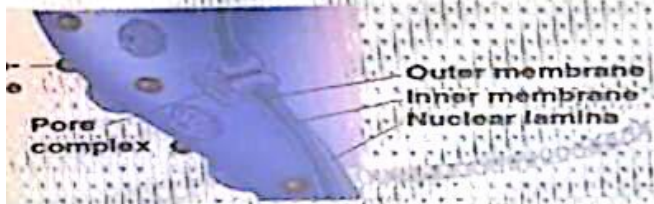
شهد الحارثي  
19.10.07 الساعة م 10:51







This picture is .....



Close-up of Nuclear envelope

Close-up of Nuclear envelope



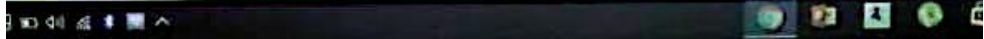


0.25 درجة من 25



picture is

- Bacteria
- Bacteria



شهد الحارثي  
10:52م الساعة 19.10.07



إلغاء



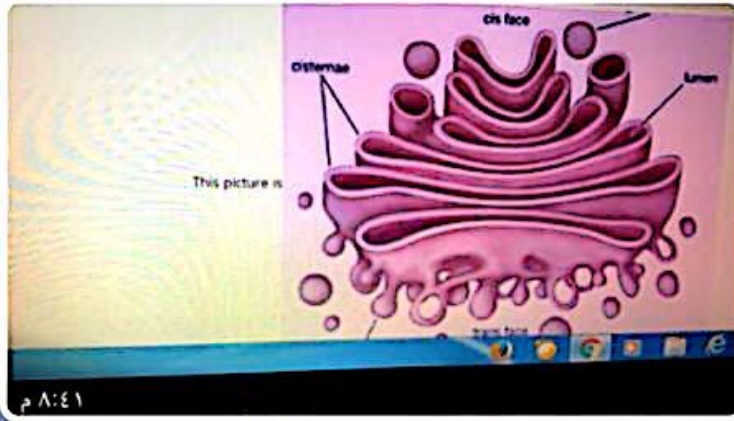
كامل 🔍

٨:٤٠ م

الاول

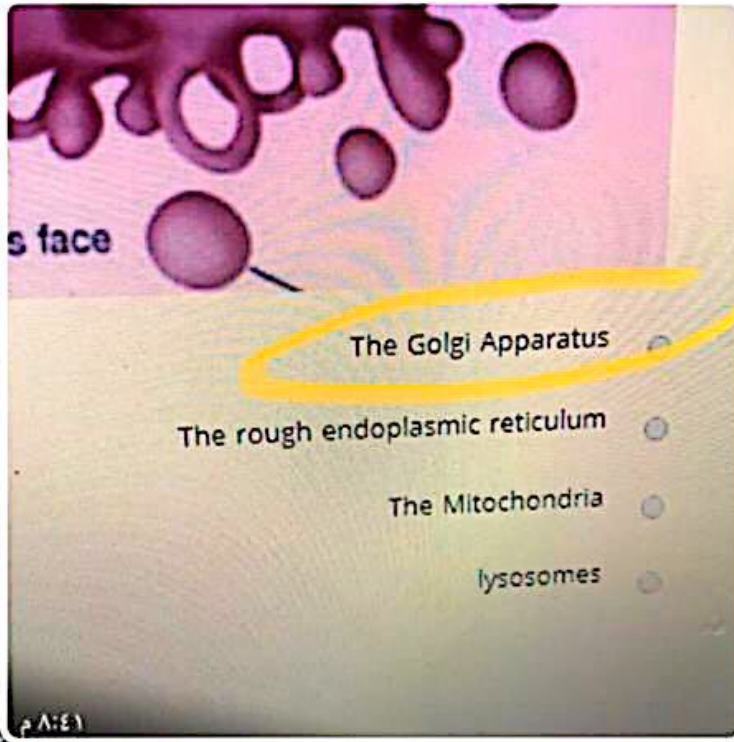
~ الحمد لله

+966 55 612 3154



~ الحمد لله

+966 55 612 3154



~MASHAEL +966 55 467

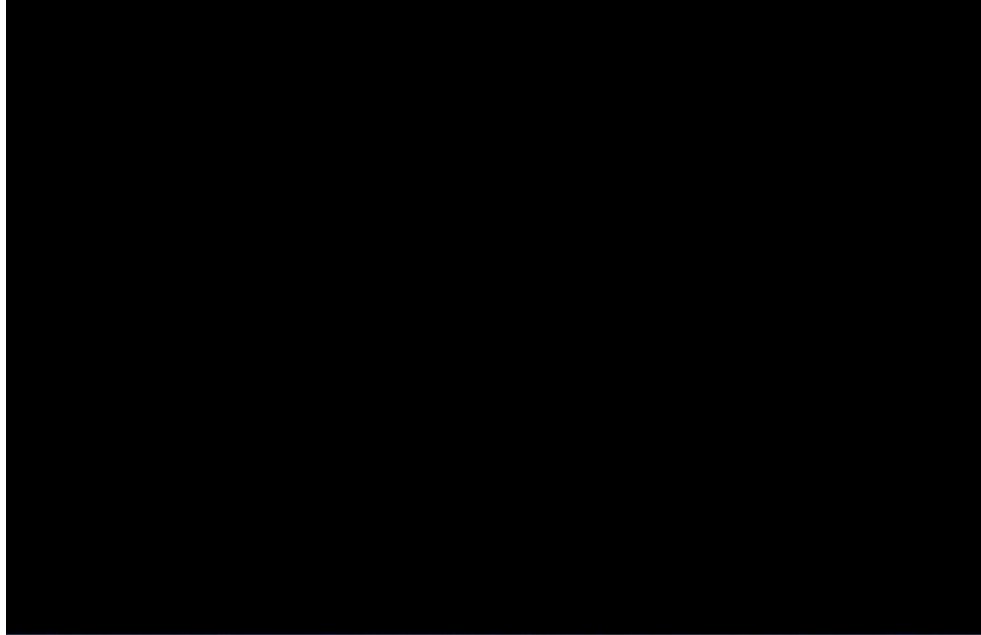
٨:٤١ م

~H~ +966 53 526 2630

٢ من ٥٨ نتيجة بحث مطابقة





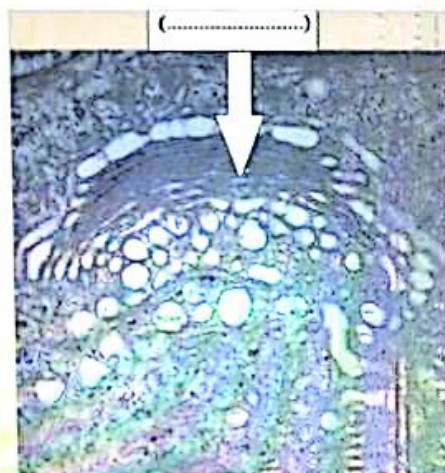


lms.tu.edu.sa/webapps/assessment/review/review.jsp?attempt\_id=1698414.1&course\_id=217010.1&content\_id=1179084.1&

0.25 درجة من 25

السؤال 2

This picture is \_\_\_\_\_

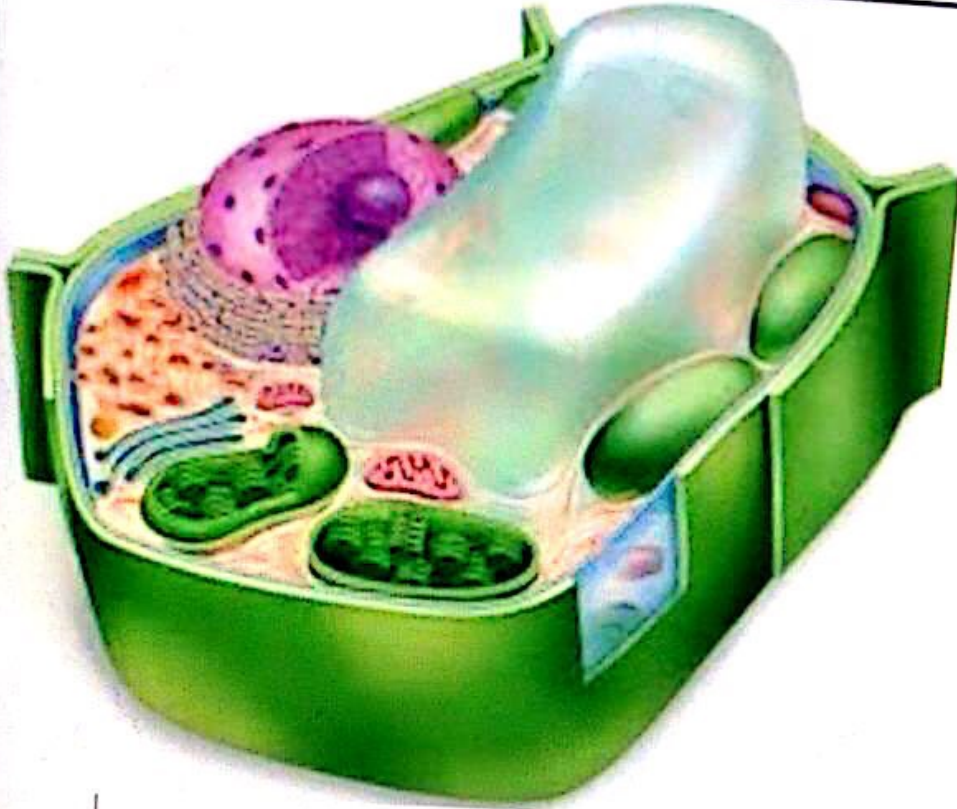


- Golgi apparatus  الإجابة الصحيحة
- Golgi apparatus  الإجابة الصحيحة



إجراء الاختبار: الاختبار العملي 4

حالة إكمال الأسئلة:



This picture is

Plant cell

Animal cell

A prokaryotic cell

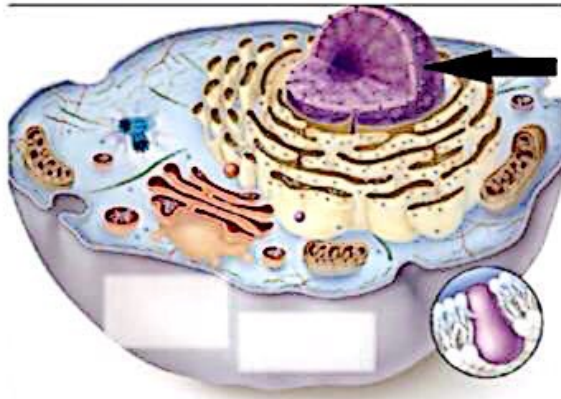
Bacterium



مراجعة تقديم الاختبار: الاختبار العملي 4

0 درجة من 0.25 درجة

السؤال 3



The arrow in the figure biased to

الإجابات:

Animal cell

Nuclueus

Rough ER

Nuclueolus

0.25 درجة من 0.25 درجة

السؤال 4



الوقت المتبقي: 14 دقائق, 14 ثانية (ثوان).

حالة إكمال الأسئلة:

حفظ الإجابة

0.25 درجات

This picture is .....



Mitochondria

Golgi apparatus

Chloroplast

Lysosome



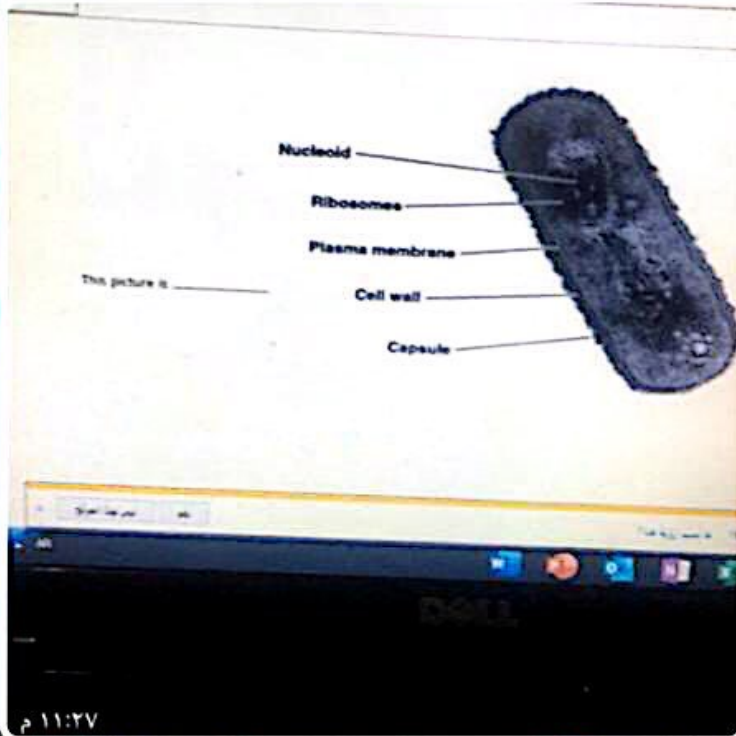
إلغاء



كامل 🔍

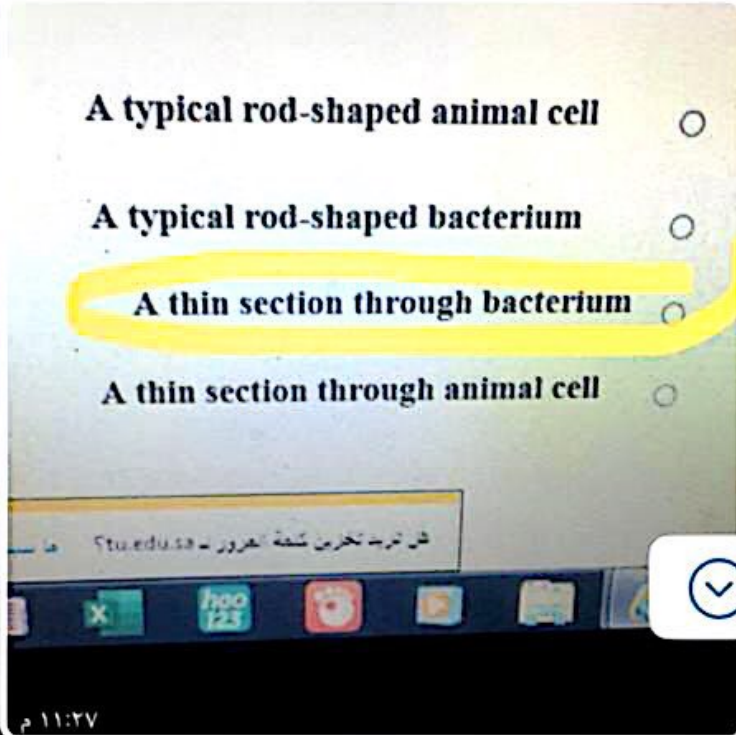
~ابوداحم

+966 55 378 0345



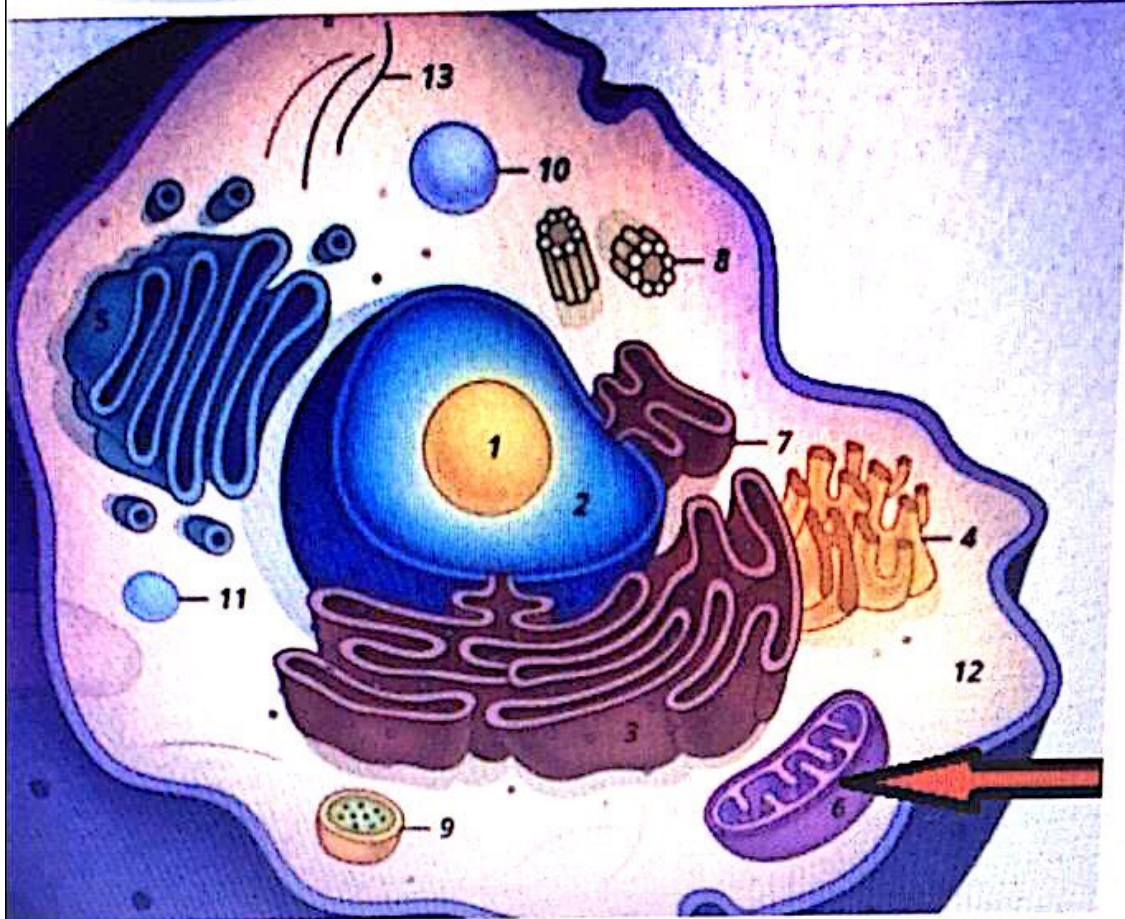
~ابوداحم

+966 55 378 0345



٢ من ٥٨ نتيجة بحث مطابقة





The arrow in the figure biased to

The Golgi Apparatus

Lysosomes

Mitochondria

Peroxisomes



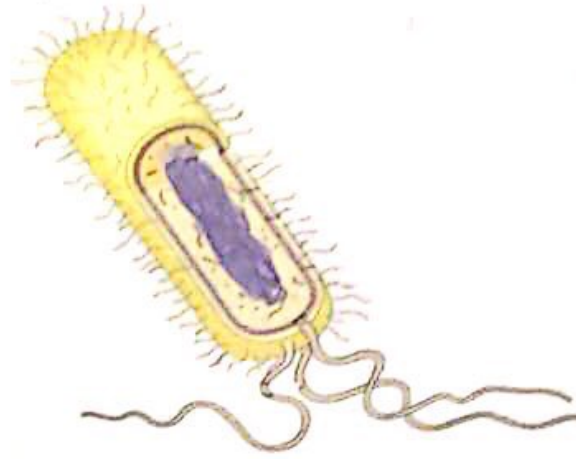
اكتب هنا للبحث



حفظ الإجابة

0.25 درجات

This picture is .....



A typical rod-shaped eukaryotes

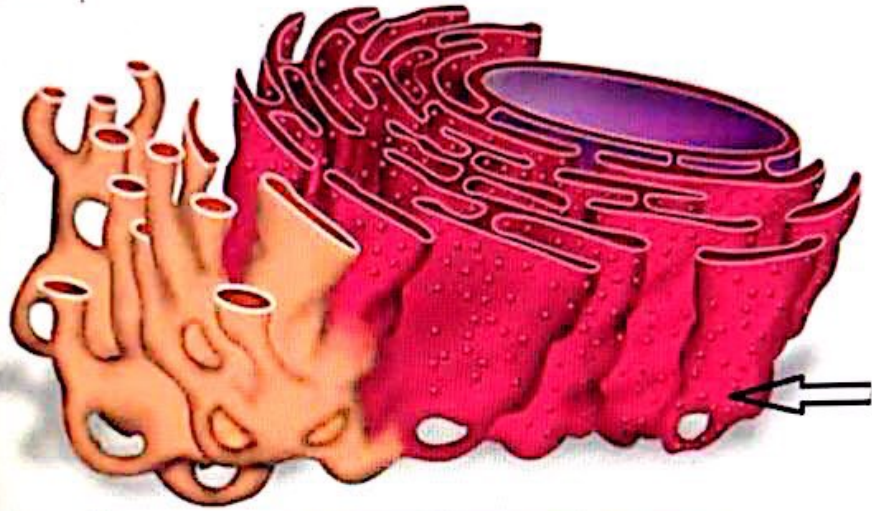
A typical rod-shaped bacterium

A typical rod-shaped algae

A typical rod-shaped euglena

0.25 درجات حفظ الإجابة

This structure is



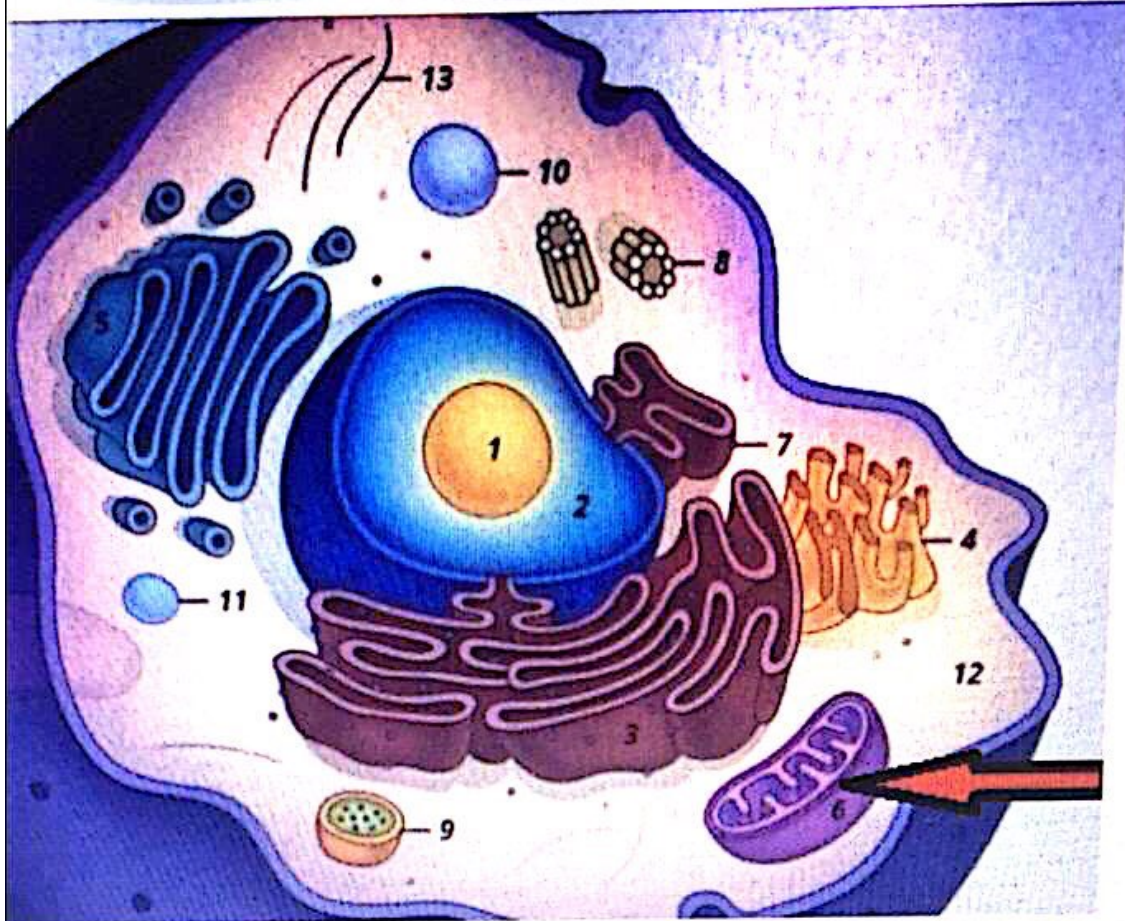
Endoplasmic reticulum

Smooth ER

Rough ER

The Golgi apparatus





The arrow in the figure biased to

The Golgi Apparatus

Lysosomes

Mitochondria

Peroxisomes



اكتب هنا للبحث

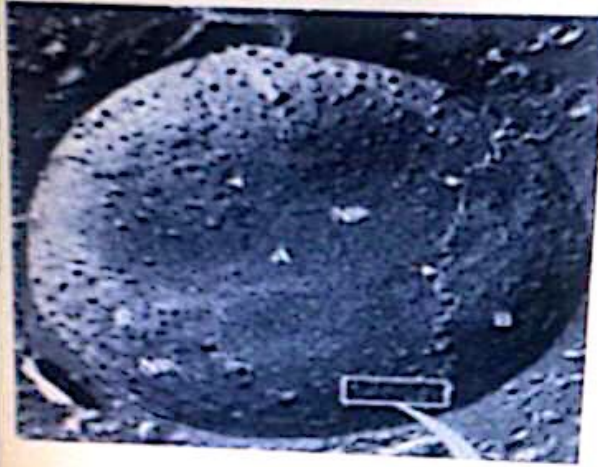
إلغاء



كامل 🔍

~ايوداحم

+966 55 378 0345



١١:٣٦

~ايوداحم

+966 55 378 0345

Surface of endoplasmic reticulum

Surface of centrosome

Surface of nuclear envelope

Surface of flagellum



⚠️ يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذا السؤال

٢ من ٥٨ نتيجة بحث مطابقة



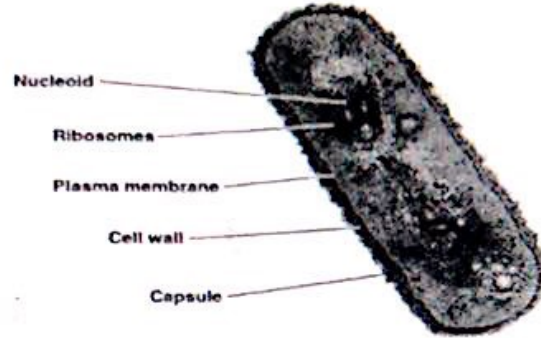




إجراء الاختبار: الاختبار العملي 4



حالة إكمال الأسئلة:



This picture is .....

A typical rod-shaped animal cell

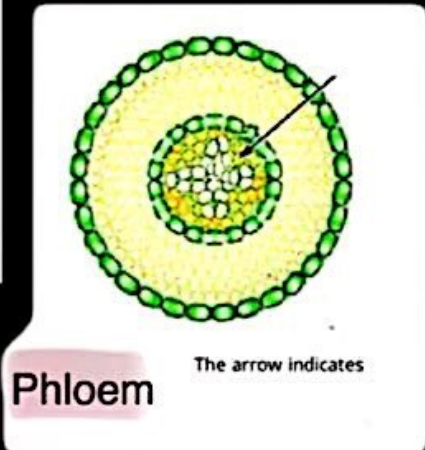
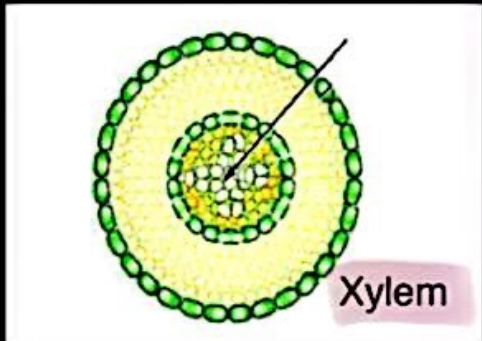
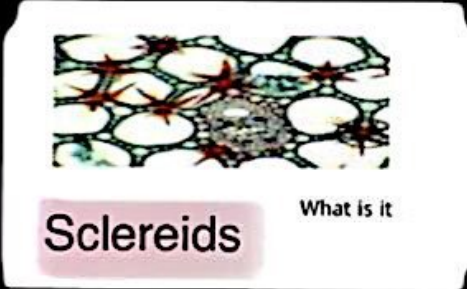
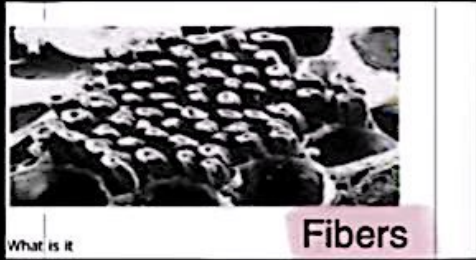
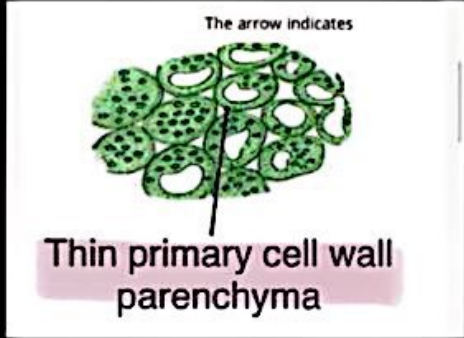
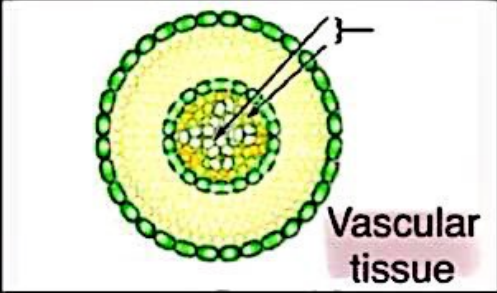
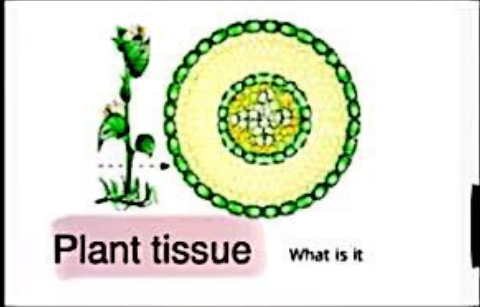
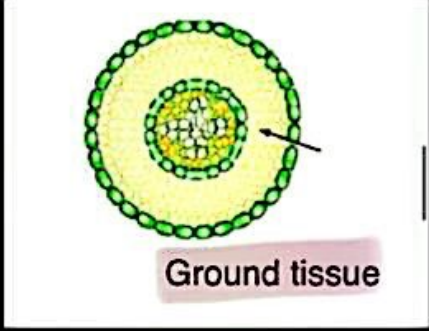
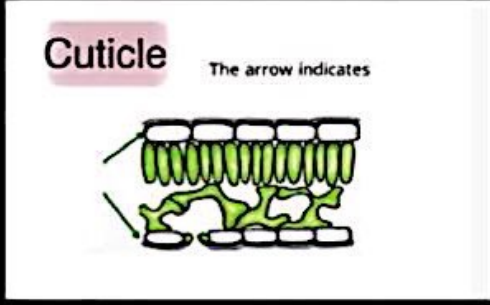
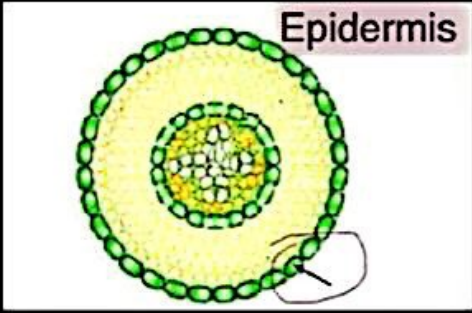
A typical rod-shaped bacterium

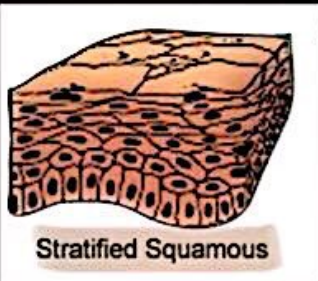
A thin section through bacterium

A thin section through animal cell

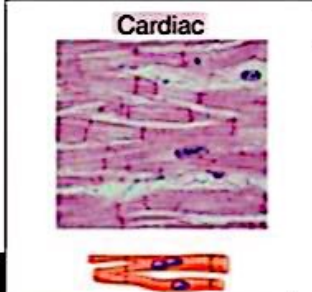
- horizontally → جواب
- seen on diagram → خطاً
- All drawing don't have Title → خطاً
- Genus and species → جواب
- stippling or dots → جواب
- Diagram and graph → خطاً
- lines when drawing → جواب
- your page → خطاً
- drawing skills → خطاً
- about the specimen → جواب
- anatomical shape → خطاً
- information of the specimen → جواب
- science of biology → جواب



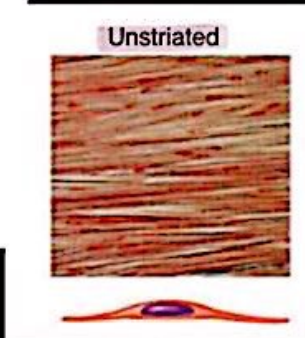




Stratified Squamous



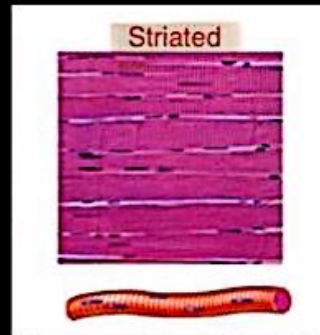
Cardiac



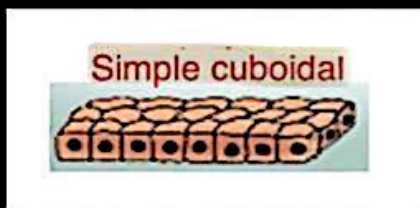
Unstriated



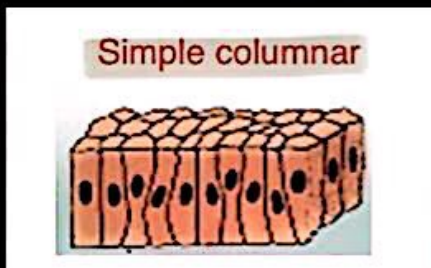
Stratified cuboidal



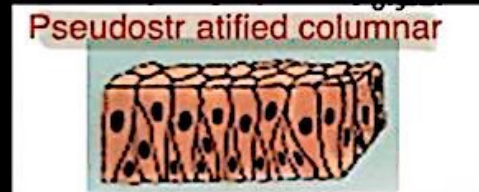
Striated



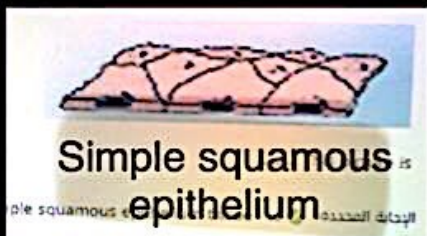
Simple cuboidal



Simple columnar



Pseudostratified columnar



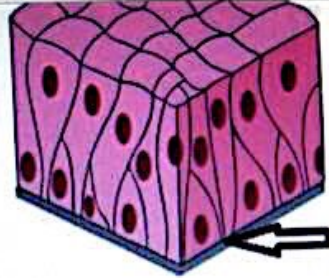
Simple squamous epithelium



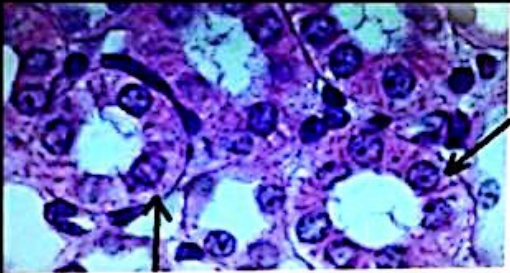
Transitional



## Simple columnar cells

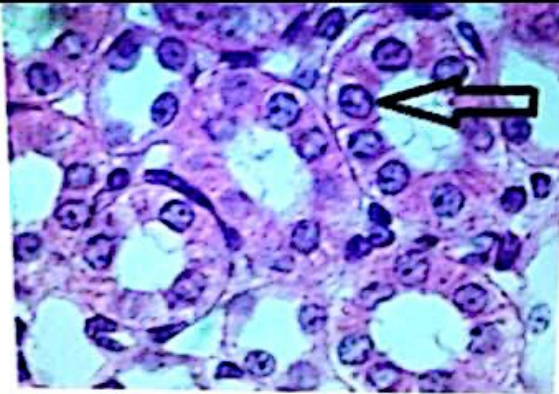


The arrow in the figure biased to  
**Basement membrane**



## Simple cuboidal epithelium

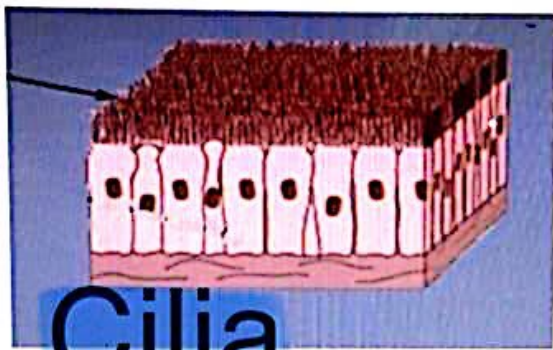
..... This picture is  
Striated muscle  a  
Bone  b



The arrow in the figure biased to

Simple cuboidal cell  الإجابة الصحيحة:

Simple cuboidal cell  إجابة خاطئة:



## Cilia

The arrow in the figure biased to