

Name: _____
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SIMPLE ORGANISMS UNIT TEST Review

BACTERIA:

What single factor will place an organism in the Monera kingdom?

What is the first bacteria on earth to perform photosynthesis?

Bacteria which have a sphere shape are classified as:

Bacteria which have a rod shape are classified as:

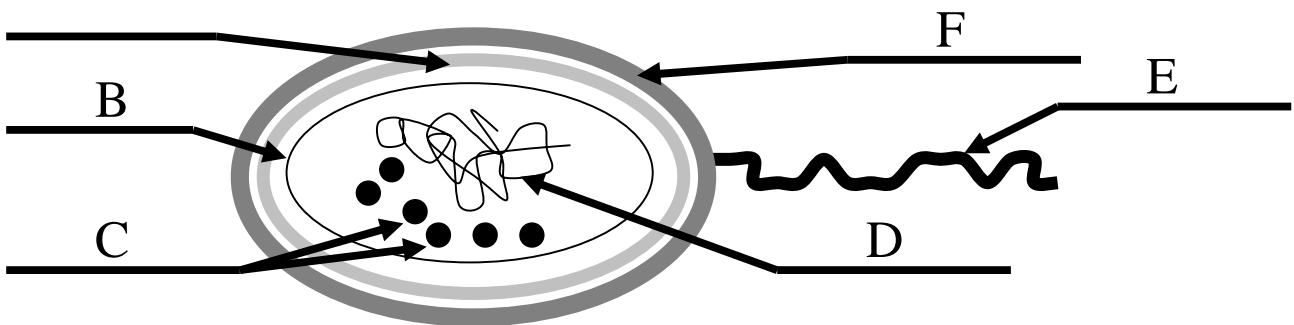
Bacteria which have a spiral shape are classified as:

What is the structure which some bacteria use to protect themselves from harsh conditions or chemicals by causing it to become dormant?

What is the process in which a bacterium splits into two identical new bacteria?

Name 4 ways that bacteria can be helpful

Name 3 ways that bacteria can be harmful



Name the structure labeled:

- | | |
|---|---|
| A | D |
| B | E |
| C | F |

VIRUSES:

Indicate yes or no

A virus capable of:

_____ Growth

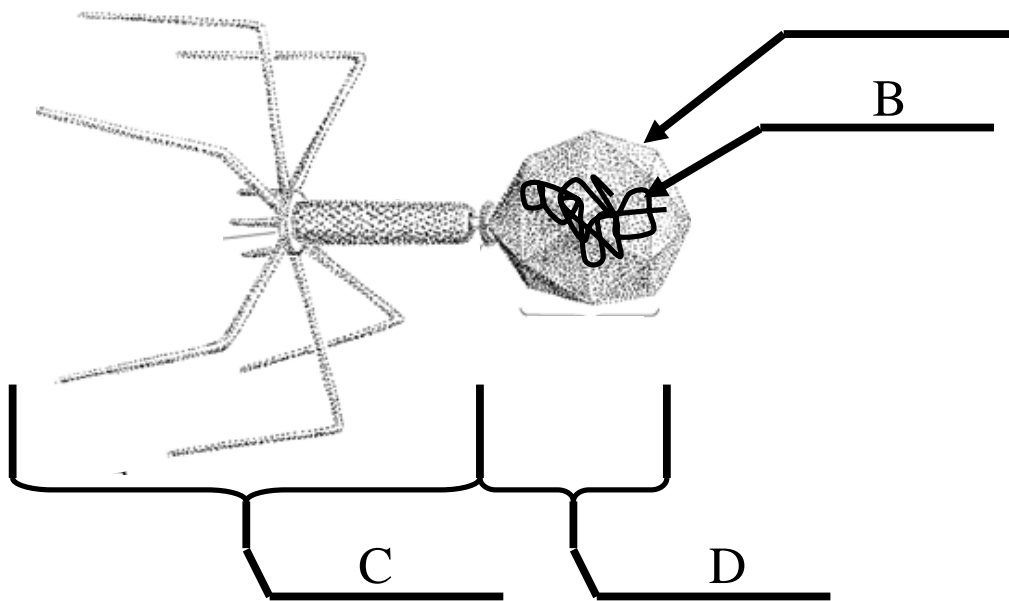
_____ Perform respiration

_____ Release waste

_____ Reproduce

Why do viruses infest other cells?

Name 3 common diseases which are caused by viruses



Name the structure labeled:

A

C

B

D

H.I.V. – A.I.D.S.

Write the words indicated by each letter:

H

A

I

I

V

D

S

Can HIV be transmitted by sharing a water bottle?

Can HIV be transmitted by sharing a tattoo needle?

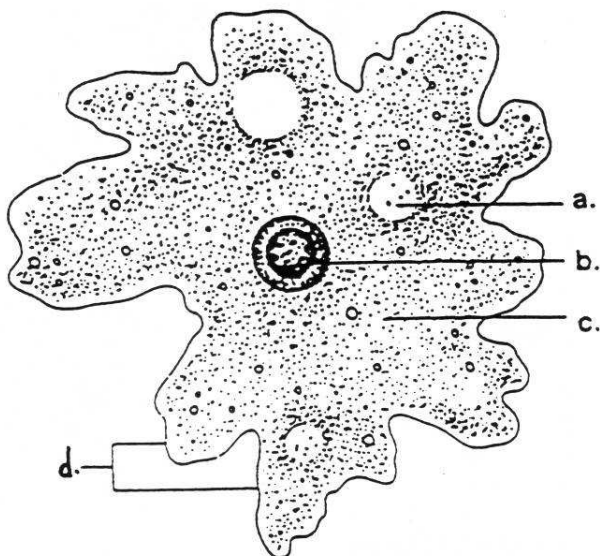
PROTISTA

Name the three factors which will place an organism in the Protista kingdom?

Name the structure used to pump out excess water from the cytoplasm of a protozoa

Name the light sensitive area on a Euglena which causes it to move towards sunlight

Which group of protozoans uses a pseudopod to move and also to capture food



Name the structure labeled:

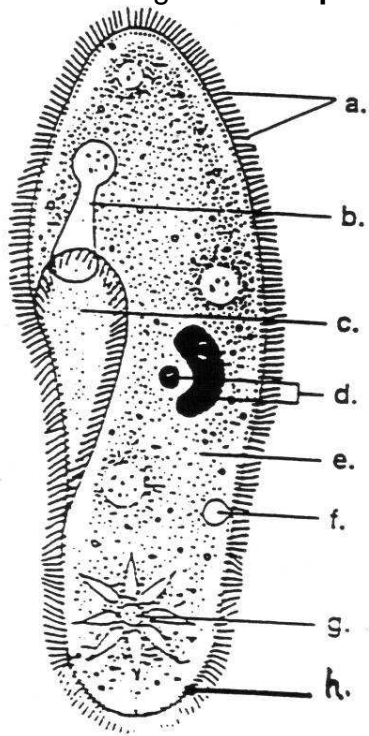
A

C

B

D

Use the diagram of the **paramecium** below to answer questions



Name the structure labeled:

A

B

C

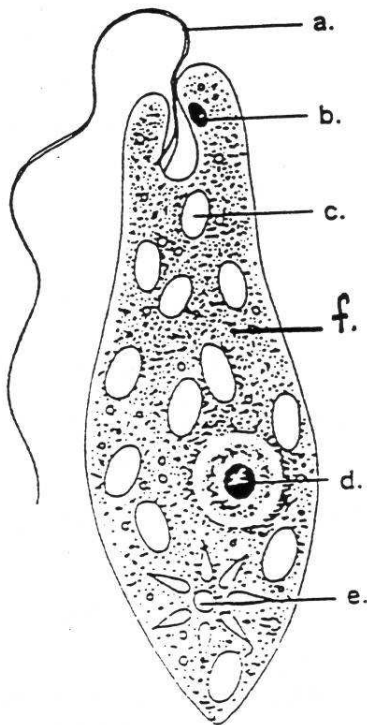
D

E

F

G

H



Name the structure labeled:

A

B

C

D

E

ALGAE:

What is the key factor to the survival of algae is:

Write the equation for photosynthesis here

Write the equation for aerobic respiration here

What is the algae known to form as colonies, sheets, chains, or alone and perform photosynthesis?

What is the largest algae which use air bladders and holdfasts?

What is the algae known as red tide that use two flagella to move and produce bioluminescence?

What is the algae type used in toothpaste, scouring cleansers and highway paint?

What is the algae type used to produce agar?

What is the algae type which is the base of the food chain in water systems?

FUNGI

What characteristics define a member of the Fungi kingdom?

What are the thread like structures that produce enzymes and absorb nutrients in fungi?

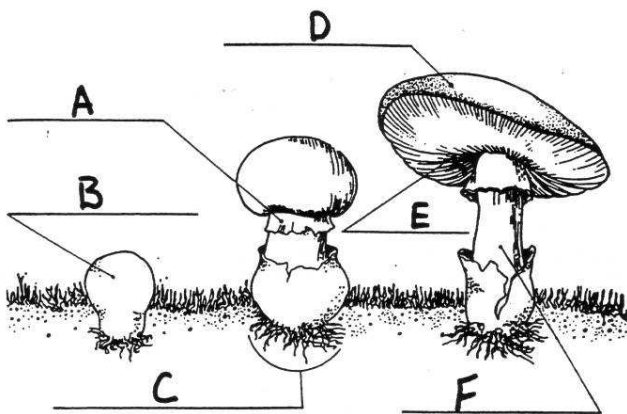
Name three ways Fungi spores can be spread?

What type of Fungi produce spores in spore cases on the tips of hyphae?

Name three reasons fungi are important to humans?

Name three reasons fungi are harmful to humans?

Describe the structure of a lichen?



Name the structure labeled:

- A
- B
- C
- D
- E
- F
- G
- H