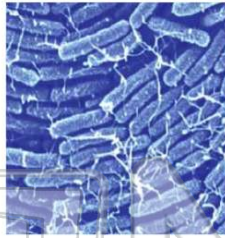




Name _____ Class _____ Date _____

1 What is the **role of bacteria and fungi** in an **ecosystem**?

A to recycle waste materials
B to produce carbon dioxide
C to recycle water
D to recycle oxygen



2 Organisms that have the ability to use an **atmospheric gas** to **produce** an organic nutrient are known as

A herbivores
B decomposers
C carnivores
D autotrophs



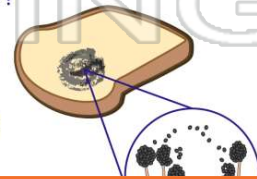
3 **Decomposition** and **decay** of organic matter are accomplished by the action of

A green plants
B bacteria and fungi
C viruses and algae
D scavengers



4 Which method of **reproduction** is shown in the diagram below?

A stem cutting
B budding
C tuber formation
D sporulation



5

PREVIEW

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C alcohol, CO₂, and 2 ATP
D CO₂, H₂O, and 26 ATP

A regeneration
B vegetative propagation
C asexual reproduction
D gametogenesis

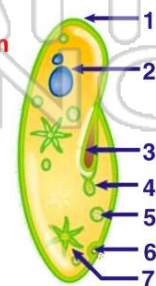
9 A scientist recently discovered a pond organism that is **unicellular**, contains **chloroplasts** and other membrane-bound organelles, and possesses a **flagellum**. In which **kingdom** is this organism classified?

A monera
B protista
C fungi
D plant



10 Which structures in the diagram of a **paramecium** below are most directly associated with the life function of **nutrition**?

A 1, 3, 4, and 5
B 2, 5, 6, and 7
C 4, 5, and 7
D 1, 2, and 7

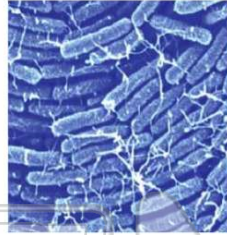




ANSWER KEY

What is the **role of bacteria and fungi** in an **ecosystem**?

- A to recycle waste materials
- B to produce carbon dioxide
- C to recycle water
- D to recycle oxygen



(a)

Organisms that have the ability to use an **atmospheric gas** to **produce** an organic nutrient are known as

- A herbivores
- B decomposers
- C carnivores
- D autotrophs



(d)

Decomposition and **decay** of organic matter are accomplished by the action of

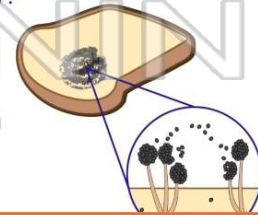
- A green plants
- B bacteria and fungi
- C viruses and algae
- D scavengers



(b)

Which method of **reproduction** is shown in the diagram below?

- A stem cutting
- B budding
- C tuber formation
- D sporulation



(d)

B
c
b
A
E
C
D



PREVIEW

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D CO₂, H₂O, and 26 ATP

- B vegetative propagation
- C asexual reproduction
- D gametogenesis

A scientist recently discovered a pond organism that is **unicellular**, contains **chloroplasts** and other membrane-bound organelles, and possesses a **flagellum**. In which **kingdom** is this organism classified?

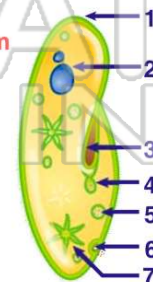
- A monera
- B protista
- C fungi
- D plant



(b)

Which structures in the diagram of a **paramecium** below are most directly associated with the life function of **nutrition**?

- A 1, 3, 4, and 5
- B 2, 5, 6, and 7
- C 4, 5, and 7
- D 1, 2, and 7



(a)