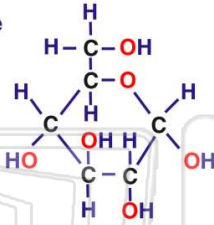




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

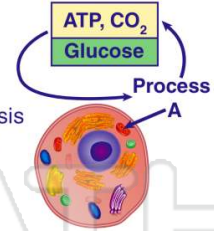
1 This **molecule** is an example of a

- A carbohydrate
- B protein
- C lipid
- D DNA



2 The **cell process** shown here is known as

- A photosynthesis
- B fermentation
- C dehydration synthesis
- D aerobic respiration

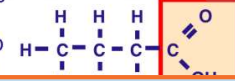


3 One type of **anaerobic respiration** results in the production of

- A water and oxygen
- B pyruvic acid and glycerol
- C nitrogen gas and ammonia

4 The **structural formula** of a molecule is shown below. The part of the molecule in the box is known as

- A a carboxyl group
- B an amino group



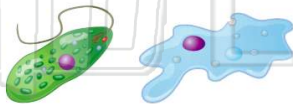
## PREVIEW

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9

The diagram below represents two single-celled organisms. These organisms carry out the activities needed to **maintain homeostasis** by using specialized internal

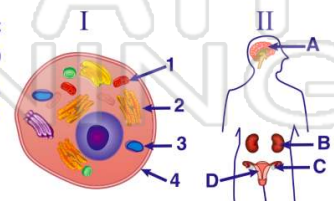
- A tissues
- B organelles
- C systems
- D organs



10

Which **structures** in diagram I and diagram II carry out a **similar life function**?

- A 1 and C
- B 2 and D
- C 3 and A
- D 4 and B

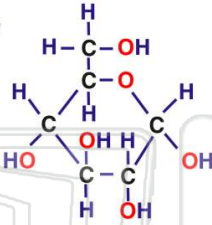




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 This **molecule** is an example of a

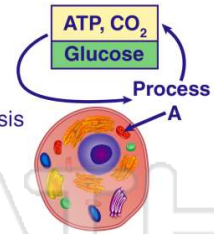
- A carbohydrate
- B protein
- C lipid
- D DNA



A

2 The **cell process** shown here is known as

- A photosynthesis
- B fermentation
- C dehydration synthesis
- D aerobic respiration



D

3 One type of **anaerobic respiration** results in the production of

- A water and oxygen
- B pyruvic acid and glycerol
- C nitrogen gas and ammonia

D

4 The **structural formula** of a molecule is shown below. The part of the molecule in the box is known as

- A a carboxyl group
- B an amino group



A

5



C

## PREVIEW

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7

- C centriole
- D cell wall



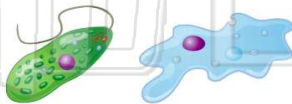
- B osmosis
- C diffusion
- D reproduction



D

9 The diagram below represents two single-celled organisms. These organisms carry out the activities needed to **maintain homeostasis** by using specialized internal

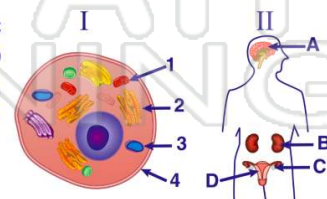
- A tissues
- B organelles
- C systems
- D organs



B

10 Which **structures** in diagram I and diagram II carry out a **similar life function**?

- A 1 and C
- B 2 and D
- C 3 and A
- D 4 and B



D