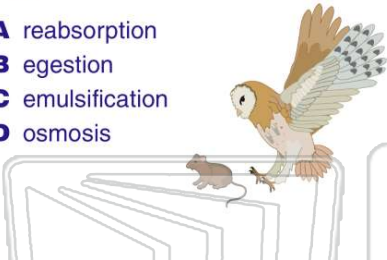




Name _____ Class _____ Date _____

1 Which process is used by animals to **remove ingested foods** that can **not** be digested?

- A reabsorption
- B egestion
- C emulsification
- D osmosis



2 A **blockage** of the **spiracles** in a grasshopper would first affect the **ability** of the grasshopper to

- A reproduce sexually
- B synthesize proteins
- C exchange gases
- D excrete ammonia



3 In hydra, new organisms can be **produced** from groups of cells that enlarge and stay attached to the parent for a time before breaking off and becoming independent. This **method of reproduction** is an example of

- A sporulation
- B binary fission



4 **Nerve cells** are **essential** to an animal because they directly provide

- A communication between cells
- B transport of nutrients to various organs
- C regulation of reproductive rates within other cells

5 In the field of science, the process of learning is a continuous one. It involves the acquisition of knowledge and skills through the use of the senses and the application of that knowledge and skills to new situations. The process of learning is a complex one that involves the interaction of many factors, including the individual's genetic makeup, the environment, and the quality of the instruction. The process of learning is a lifelong one that continues throughout the individual's life span.



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7 The process of learning is a continuous one. It involves the acquisition of knowledge and skills through the use of the senses and the application of that knowledge and skills to new situations. The process of learning is a complex one that involves the interaction of many factors, including the individual's genetic makeup, the environment, and the quality of the instruction. The process of learning is a lifelong one that continues throughout the individual's life span.

- B egestion
- C locomotion
- D excretion



8 The process of learning is a continuous one. It involves the acquisition of knowledge and skills through the use of the senses and the application of that knowledge and skills to new situations. The process of learning is a complex one that involves the interaction of many factors, including the individual's genetic makeup, the environment, and the quality of the instruction. The process of learning is a lifelong one that continues throughout the individual's life span.

- D fish and amphibians



9 **Geographic** and **reproductive isolation** are most closely associated with

- A speciation
- B extinction
- C overproduction
- D competition

10 Animals that feed **exclusively** on **herbivores** are known as

- A primary consumers
- B carnivores
- C omnivores
- D producers





ANSWER KEY

Which process is used by animals to **remove ingested foods** that can **not** be digested?

- A reabsorption
- B egestion
- C emulsification
- D osmosis



(b)

A **blockage** of the **spiracles** in a grasshopper would first affect the **ability** of the grasshopper to

- A reproduce sexually
- B synthesize proteins
- C exchange gases
- D excrete ammonia



(c)

In hydra, new organisms can be **produced** from groups of cells that enlarge and stay attached to the parent for a time before breaking off and becoming independent. **This method of reproduction is an example of**

- A sporulation
- B binary fission
- C sexual reproduction
- D



(d)

Nerve cells are **essential** to an animal because they directly provide

- A communication between cells
- B transport of nutrients to various organs
- C regulation of reproductive rates within other cells
- D an exchange of gases within the body

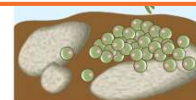
(a)



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- C locomotion
- D excretion



Geographic and **reproductive isolation** are most closely associated with

- A speciation
- B extinction
- C overproduction
- D competition

(a)

Animals that feed **exclusively** on **herbivores** are known as

- A primary consumers
- B carnivores
- C omnivores
- D producers



(b)