

Name:

Date:

Class:

Lesson 9.3: Animal Feeds and Feeding

Know and Understand

Answer the following questions using the information provided in this lesson.

1. *True or False?* Nutrition is the process by which an organism obtains energy from food to sustain its life. (9.3.1)

Answer:

2. Which of the following is true about nutrition and animal growth? (9.3.1)
 - A. Nutrition is only important for animals after they are born.
 - B. Giving pregnant animals the right nutrients can help the growth and development of their offspring.
 - C. There are no real changes in nutrient requirements for pregnant animals.
 - D. All animals require the same amounts of nutrients for their growth and development.

Answer:

3. Which nutrient is the most important for animal survival? (9.3.2)
 - A. Carbohydrates
 - B. Fat
 - C. Protein
 - D. Water

Answer:

4. Which nutrient provides readily available energy to animals? (9.3.2)
 - A. Carbohydrates
 - B. Fat
 - C. Protein
 - D. Water

Answer:

5. Which nutrient is most responsible for building muscle? (9.3.2)

- A. Carbohydrates
- B. Fat
- C. Protein
- D. Water

Answer:

6. Minerals that animals need in larger amounts are called _____. (9.3.2)

- A. amino acids
- B. macrominerals
- C. microminerals
- D. trace minerals

Answer:

7. What is the main difference between vitamins and minerals? (9.3.2)

- A. Vitamins are required in large amounts, and minerals are needed only in small amounts.
- B. Minerals cannot be fed to ruminant animals.
- C. Vitamins are organic compounds, and minerals are inorganic.
- D. Minerals are needed in large amounts, and vitamins are needed only in small amounts.

Answer:

8. Which of the following statements is true about animal nutrient requirements? (9.3.2)

- A. All species have the same nutrient requirements.
- B. Animals that are used for meat production more typically do not need increased nutrients.
- C. Individual genetics can play a large role in nutrient requirements for animals.
- D. Younger animals need fewer nutrients than older ones per pound of body weight.

Answer:

9. Which category of feed typically includes feeds high in total digestible nutrients and low in fiber? (9.3.3)

- A. Carbohydrates
- B. Concentrates
- C. Fiber
- D. Roughages

Answer:

10. *True or False?* A balanced ration has the same amount of each nutrient. (9.3.4)

Answer:

11. Which of the following animals has a ruminant digestive system? (9.3.5)

- A. Chickens, turkeys, and geese.
- B. Horses and donkeys.
- C. Swine and humans.
- D. Sheep and goats.

Answer:

12. Which of the following animals has a monogastric digestive system? (9.3.5)

- A. Chickens, turkeys, and geese.
- B. Horses and donkeys.
- C. Swine and humans.
- D. Sheep and goats.

Answer:

13. Which of the following animals has an avian digestive system? (9.3.5)

- A. Chickens, turkeys, and geese.
- B. Horses and donkeys.
- C. Swine and llamas.

D. Sheep and goats.

Answer: