

Name: \_\_\_\_\_ (1 point)

Date: \_\_\_\_\_

Hour: \_\_\_\_\_

### Animal Systems Quiz 30 Points

A. **Multiple Choices:** Place the letter of the correct answer in the blanks provided (1 point each).

\_\_\_\_\_ 1. Cells are the most \_\_\_\_\_.

- a. Tissues in the body
- b. Vital organ in the body
- c. Basic unit of life
- d. Unusual organism

\_\_\_\_\_ 2. Anatomy is \_\_\_\_\_.

- a. The study of the form, shape, and appearance of an animal
- b. The study of the thought processes of an animal.
- c. The study of the functions of an organism's body
- d. The study of life

\_\_\_\_\_ 3. Physiology is \_\_\_\_\_.

- a. The study of the form, shape, and appearance of an animal
- b. The study of the thought processes of an animal.
- c. The study of the functions of an organism's body
- d. The study of life

\_\_\_\_\_ 4. Tissues are made from \_\_\_\_\_.

- a. Organs that work together
- b. Cells that work together
- c. Organelles that work together
- d. Systems that work together

\_\_\_\_\_ 5. Oxygen, food, and water are the three things \_\_\_\_\_ need to survive.

- a. Tissues
- b. Organs
- c. Bones
- d. Cells

\_\_\_\_\_ 6. Anaphase is when \_\_\_\_\_.

- a. The cell is copying everything
- b. The centriole pairs appear
- c. The chromatids line up in the center of the cell
- d. The chromatids separate and move to the opposite ends of the cell.

\_\_\_\_\_ 7. Muscle gain, milk production, and egg production represent \_\_\_\_\_.

- a. Animal behavior
- b. Animal production
- c. Animal science
- d. Animal well-being

\_\_\_\_\_ 8. Providing housing for the animal, cleaning the stalls, providing food represents \_\_\_\_\_.

- a. Animal behavior
- b. Animal production
- c. Animal science
- d. Animal well-being

\_\_\_\_\_ 9. The skeletal system provides \_\_\_\_\_.

- a. Movement and locomotion
- b. Protection for bones
- c. Transport of nutrients
- d. Gas exchange

\_\_\_\_\_ 10. Which of the following is an example of an involuntary, cardiac muscle?

- a. Lungs
- b. Heart
- c. Stomach
- d. Brain

\_\_\_\_\_ 11. The brainstem \_\_\_\_\_.

- a. Maintains the functions necessary for life.
- b. Controls the memory of the animal.
- c. Controls the long-term memory of the animal.
- d. Sends messages to the body through the nerves.

- \_\_\_\_\_ 12. The veins \_\_\_\_\_.
- a. Bring deoxygenated blood back to the heart.
  - b. Bring oxygenated blood to the body.
  - c. Use main arteries to pump blood
  - d. Fill with air to assist in breathing
- \_\_\_\_\_ 13. The alveoli is the cite of \_\_\_\_\_.
- a. Mitosis
  - b. Blood pooling
  - c. Gas exchange
  - d. Hearing
- \_\_\_\_\_ 14. Kidneys help filter the blood, therefore a malfunction of the kidneys can be seen in the \_\_\_\_\_.
- a. Air
  - b. Blood
  - c. Urine
  - d. Heart
- \_\_\_\_\_ 15. A pig is a \_\_\_\_\_ because it has one stomach with no compartments.
- a. Monogastric
  - b. Avian
  - c. Ruminant
  - d. Modified monogastric
- \_\_\_\_\_ 16. Organs are formed from \_\_\_\_\_ that work together.
- a. Cells
  - b. Organ systems
  - c. Organisms
  - d. Tissues.
- \_\_\_\_\_ 17. Prehension is the \_\_\_\_\_.
- a. Licking of food
  - b. Chewing of food
  - c. Gathering of food.
  - d. Sniffing of food
- \_\_\_\_\_ 18. Cattle have one stomach with four compartments therefore they are considered \_\_\_\_\_.
- a. Monogastrics
  - b. Avians
  - c. Ruminants.
  - d. Modified monogastrics
- \_\_\_\_\_ 19. An example of a modified monogastric is \_\_\_\_\_.
- a. Horses
  - b. Rabbits
  - c. Both a and b
  - d. None of the above
- \_\_\_\_\_ 20. Organ systems rely on \_\_\_\_\_ to work together.
- a. Tissues
  - b. Cells
  - c. Organisms
  - d. Organs

B. **Matching:** Place the letter of the correct answer in the blanks provided (1 point each).

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|--|---|
| <p>_____ 1. Rumen</p> <p>_____ 2. Reticulum</p> <p>_____ 3. Omasum</p> <p>_____ 4. Abomassum</p> | <ul style="list-style-type: none"> <li>a. True stomach</li> <li>b. Fermentation vat</li> <li>c. Break down of food and storage</li> <li>d. Grinding action of the food</li> </ul> |
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C. **Labeling:** Label the pictures with the correct phase of mitosis (1 point each).



