

**2013 Livestock Evaluation CDE**  
**Written Exam Key**

1. Which of the following terms refers to adapting the behavior of animals to fit the need of humans is called:
  - a) training
  - b) imprinting
  - c) domestication (p 5)**
  - d) culling
  
2. Most present-day sheep descended from the wild sheep called Moufflons and \_\_\_\_\_.
  - a) Markhors
  - b) Asiatic urial (p 7)**
  - c) Meleagris
  - d) Struthis camelus
  
3. Livestock production faces the greatest scrutiny and potential lawsuits in which of the following areas?
  - a) Facilities design
  - b) Predator control
  - c) Nutrition values
  - d) Waste management (p 84-85)**
  
4. What is the primary environmental factor that affects the efficiency of energy from feed consumption of farm animals?
  - a) Air temperature (p 95)**
  - b) Humidity
  - c) Precipitation
  - d) Wind
  
5. Joints in the skeleton of animals that allow free movement and have a fluid-filled cavity are called:
  - a) fibrous joints
  - b) diarthroses joints (p 109)**
  - c) amphiarthroses joints
  - d) synarthroses joints
  
6. The ventricles and the atria are a part of which system in the animal's body?
  - a) circulatory (p 114)**
  - b) endocrine
  - c) lymphatic
  - d) nervous

7. Which amino acid listed is essential in swine rations?
- a) Alanine
  - b) Arginine (p 132)**
  - c) Glycine
  - d) Proline
8. Which vitamin do animals tend to produce enough of so that it does not need to be included as a specific nutrient in their rations?
- a) Vitamin A
  - b) Vitamin C (p 134)**
  - c) Vitamin D
  - d) Vitamin E
9. Which trait in sheep has the lowest heritability estimate?
- a) mature weight
  - b) rib eye area
  - c) yearling weight
  - d) feed efficiency (p 191)**
10. The first successful cloning of a farm animal occurred in 1996 with which species?
- a) Cattle
  - b) Goats
  - c) Sheep (p 223)**
  - d) Swine
11. Mating animals of the same breed is referred to as which of the following?
- a) linebreeding
  - b) grading up
  - c) inbreeding
  - d) straightbreeding (p 235)**
12. What is the process of inducing cows to produce several oocytes during each estrus cycle?
- a) superovulation (p 230)**
  - b) embryo transfer
  - c) transgenetics
  - d) biobreeding
13. Which is the oldest breed of cattle developed in the United States using Brahman as a foundation breed based on breeding records and **NOT** the formation of the breed association?
- a) Beefmaster
  - b) Santa Gertrudis (p 260)**
  - c) Brangus
  - d) Braford

14. Which of the following cattle breeds has the lowest birth weight used in performance testing programs?
- a) **Shorthorn (p 272)**
  - b) Chianina
  - c) Charolais
  - d) Simmental
15. Which breed of polled cattle originated from horned cattle and were selected because of the recessive trait and not a breed known to be naturally polled?
- a) Murray Grey
  - b) Red Angus
  - c) Red Poll
  - d) **Polled Hereford (p 253)**
16. Which of the following beef cattle breeds has the heaviest birth weight for calves of either sex for performance testing?
- a) Angus
  - b) **Maine Anjou (p 272)**
  - c) Chianina
  - d) Limousin
17. Cattle with a U.S. Quality Grade of “Prime” will have a \_\_\_\_\_ degree of marbling grade.
- a) Slight
  - b) Moderate
  - c) **Slightly Abundant (p 381)**
  - d) Moderately Abundant
18. \_\_\_\_\_ refers to a condition in cattle where the lean meat is darker than normal.:
- a) Black cutter beef
  - b) Low cutter beef
  - c) Canner cutting beef
  - d) **Dark cutting beef (p 382)**
19. Which breed of swine has an average litter size ratio of 100 when compared to other breeds?
- a) Berkshire
  - b) Landrace
  - c) Hampshire
  - d) **Yorkshire (p 391)**

20. Which disease affects the turbinate bones in swine?
- a) Actinobacillus Pleuropneumoniae
  - b) Eperythrozoonosis
  - c) **Atropic Rhinitis (p 449)**
  - d) Leptospirosis
21. The sudden death of heavily muscled hogs is referred to as::
- a) Porcine Circivirus
  - b) Mycoplasmal Pneumonia
  - c) **Porcine Stress Syndrome (p 463)**
  - d) Porcine Cardiac Complex
22. Which classifications of sheep have better banding instinct (or flocking)?
- a) **Crossbred wool breeds (p 497)**
  - b) Long wool breeds
  - c) Medium wool breeds
  - d) Fur sheep
23. The production of mohair is the main function of which goat breed?
- a) **Angora (p 527)**
  - b) Nubian
  - c) Boer
  - d) Toggenburg
24. A majority of meat goats are a cross of Spanish goats and \_\_\_\_\_ goats.
- a) Angora
  - b) Toggenburg
  - c) Nubian
  - d) **Boer (p 538)**
25. Scrapie is a disease of both sheep and goats that affects the:
- a) **brain (p 554)**
  - b) digestive tract
  - c) skin
  - d) lungs