**2018 State Stockmen’s Contest Junior Quiz**

\_\_\_\_\_\_ 1. Which of the following is an example of a monogastric animal?

1. Cow c. Sheep
2. Pig d. Deer

\_\_\_\_\_\_ 2. FAMACHA scores assess the degree of which condition in sheep?

1. Diarrhea c. lameness
2. Pink-eye d. Anemia

\_\_\_\_\_\_ 3. Which of the following are used to determine quality grade in beef cattle?

1. Marbling and maturity c. Fat thickness and maturity
2. Marbling and carcass weight d. Breed and carcass weight

\_\_\_\_\_\_ 4. Which breed of cattle is NOT a *Bos Indicus* breed?

1. Gelbvieh c. Nellore
2. Brahman d. Red Sindhi

\_\_\_\_\_\_ 5. Which of the following is NOT one of the compartments of the ruminant stomach?

1. Rumen c. Duodenum
2. Reticulum d. Abomasum

\_\_\_\_\_\_ 6. If you were looking to increase leanness, fast growth rate, and muscling, which swine breed would be the best choice?

1. Landrace c. Chester White
2. Yorkshire d. Hampshire

\_\_\_\_\_\_ 7. When would a cow’s nutrient requirements be highest?

1. Breeding c. Peak lactation
2. Weaning d. Pregnancy

\_\_\_\_\_\_ 8. What is a genetic disorder that affects the nervous system of mature sheep?

1. Scrapie c. Coccidiosis
2. Brucellosis d. Pneumonia

\_\_\_\_\_\_ 9. What is the last thing that happens as part of normal parturition?

1. Expulsion of the calf c. Expulsion of the placenta
2. Water breaking d. Presentation of calf’s feet

\_\_\_\_\_\_10. Which is the proper injection site for beef cattle?

1. Neck c. Rump
2. Brisket d. Round

\_\_\_\_\_\_ 11. Which part of the female reproductive tract produces the eggs?

1. Vulva c. Uterus
2. Ovary d. Cervix

\_\_\_\_\_\_ 12. Which livestock feed would have the highest percentage of dry matter?

1. Corn silage c. Spring pasture
2. Alfalfa haylage d. Grass hay

\_\_\_\_\_\_ 13. What does colostrum contain that makes it crucial for a young animal’s developing immune system?

1. Vitamins c. Antibodies
2. Vaccines d. Bacteria

\_\_\_\_\_\_ 14. How heavy would you expect the carcass of a 100 pound market lamb to be?

1. 66 pounds c. 51 pounds
2. 39 pounds d. 70 pounds

\_\_\_\_\_\_ 15. How often does a heifer come into estrus?

1. 5-8 days c. 18-21 days
2. 10-13 days d. 22-25 days

\_\_\_\_\_\_ 16. How heavy would you expect the carcass of a 270 pound market hog to weigh?

1. 197 pounds c. 152 pounds
2. 135 pounds d. 210 pounds

\_\_\_\_\_\_ 17. Which of the following sheep breeds would be best for producing high quality wool?

1. Hampshire c. Katahdin
2. St. Croix d. Merino

\_\_\_\_\_\_ 18. What term refers to a sterile heifer that is born twin to a bull calf?

1. Klinefelter c. Heiferette
2. Freemartin d. Ketotic

\_\_\_\_\_\_ 19. Which of the following can be used to prevent “hardware disease”?

1. Iron supplement c. Ultrasound
2. Rumen magnet d. Nothing

\_\_\_\_\_\_ 20. Which of the following minerals are toxic to sheep?

1. Phosphorous c. Copper
2. Iron d. Zinc

\_\_\_\_\_\_ 21. Which feedstuff is highest in crude protein?

1. Soybean meal c. Ground corn
2. Beef tallow d. Soybean hulls

\_\_\_\_\_\_ 22. From the side view an animal is straight in the hock and walks with a short, stiff stride. What is the name of this structural problem?

1. Cow hocked c. Stiff legged
2. Sickle hocked d. Post-legged

\_\_\_\_\_\_ 23. True or False: Can a black cow bred to a black bull give birth to a red calf?

1. True
2. False

\_\_\_\_\_ 24. Which feed would have a higher energy value?

1. Oats c. Corn silage
2. Wheat straw d. Alfalfa hay

\_\_\_\_\_ 25. In animal nutrition and management, what does the acronym BCS stand for?

1. Breeding condition system c. Body condition score
2. Bovine compensation system d. Bovine condition score