**2013 Block and Bridle Contest**

**Junior Stockman’s Quiz**

1. If you want your steer or lamb to grow faster and finish more quickly, which nutrient do you need to increase in the ration fed?

a. Energy b. Protein c. Vitamin A d. Calcium

2. Which of these forage plants is best able to grow when temperatures are high and rainfall is low?

a. Ladino Clover b. Orchardgrass c. Bluegrass d. Alfalfa

3. Which grain crop species does not need nitrogen fertilizer because it can use nitrogen from the air for its nitrogen fertilizer needs?

a. Corn b. Soybeans c. Barley d. Wheat

4. What part of a grass plant contains the least amount of nutrition (both energy and protein)?

 a. Stem b. Leaf c. Both are the same

5. Which mineral is related to white muscle disease and is needed in very small amounts by all animals?

a. Iron b. Selenium c. Calcium d. Copper

6. The grade or score that correlates to both the size of mature cows and finished weight of steers is the

a. Quality Grade b. Frame Score c. Yield Grade d. BCS

7. A lamb that has a loin eye area of 1.5 square inches is heavily muscled.

a. True b. False

8. Which part of every species (pig, lamb, and steer) produces the highest-priced retail cuts?

a. Hind leg area b. Shoulder c. Loin d. Neck

9. USDA Yield Grade \_\_\_ would indicate and extremely trim, heavy muscled carcass?

a.1 b. 2 c. 4 d. 5

10. In what part of a hog do you find the blade bone?

a. hip b. hock c. shoulder d. neck

11. A cow in heat today would be expected to be in heat again

a. 17 days from now b. 21 days from now

c. 283 days from now d. 365 days from now

12. What is the term for removing sperm from a bull and putting that sperm into a female when she is in heat?

a. artificial insemination b. Pregnancy sharing

c. embryo transfer d. Estrous Synchronization

13. What substance is used to maintain the frozen state of semen?

a. Water b. Liquid Nitrogen c. Liquid Oxygen d. Liquid Hydrogen

14. What is the connection between the mother and the developing fetus called? It normally breaks during the process of being born.

a. Afterbirth or Placenta b. Colostrum

c. Umbilical Cord d. Esophageal Groove

15. When should you artificially inseminate a cow?

a. as soon as you observe heat b. 8-14 hours after you observe heat

c. 24 hours after you observe heat d. anytime is OK

16. What is the term for the condition where cattle or sheep develop large amounts of gas in their rumen, and are unable to get rid of it?

a. Ulcer b. Bloat c. Laminitis d. Founder

17. Subcutaneous means:

a. in the muscle b. in the skin

c. beneath the skin d. in the joint

18. What is the term for removing the tails of baby lambs?

a. trimming b. bobbing c. clipping d. docking

19. Which newborn animal is not at all able to handle cold temperatures during the first day of life?

a. pig b. calf c. lamb d. none of them can

20. If you are holding a drench gun in your hand, what could you be about to do?

a. give an injection b. slaughter a calf e. both c & d

c. administer de-wormer d. give medication orally

21. Which breed of sheep is noted for excellent wool quality, but has poor muscling and meat characteristics?

a. Suffolk b. Dorset c. Columbia d. Merino

22. Which breed is tolerant of high temperatures, resistant to parasites, but is late maturing and has lower quality beef?

a. Brangus b. Angus c. Simmental d. Limousin

23. If a pig is properly notched, which ear provides information about the litter?

a. Left b. Right c. Litter is not used with ear notching

24. Which breed of cattle is NOT an English breed?

a. Simmental b. Angus c. Hereford d. Shorthorn

25. If you were looking for leanness, fast growth rate, and lots of muscling, which breed would be the best choice?

a. Landrace b. Yorkshire c. Poland China d. Hampshire