

PUT YOUR ANSWERS ON THE SCANTRON FORM WITH A NUMBER 2 PENCIL!

Name _____ Contestant Number_____

2005 State Fair Stockmens Contest - Senior Quiz

- _____ 1. Which disease causes animals to become lame and is passed from animal to animal through the soil?

a. Founder b. Foot rot c. Arthritis d. Interdigital corns
- _____ 2. In the commercial industry, the price paid to a producer for a market hog is based on

a. Live Weight b. Carcass Weight c. Backfat depth d. Both b and c
- _____ 3. A legume is a plant that obtains its nitrogen needs from the atmosphere, and therefore does not need any nitrogen fertilizer. Which plant is a legume?

a. Red Clover b. Orchardgrass c. Grain sorghum d. Tall Fescue
- _____ 4. Which disease has interfered greatly with cattle imports from Canada and beef exports from the United States to several other countries?

a. Anthrax b. BSE c. Foot and Mouth Disease d. Pinkeye
- _____ 5. From which part of the live animal do sirloin steaks come from?

a. Shoulder b. Middle of the back c. Rump d. Quarter
- _____ 6. In addition to intramuscular fat and age, which factor is used to determine the Quality Grade of a lamb?

a. Backfat b. Muscling c. Weight d. Sex of the lamb
- _____ 7. If you have a steer carcass that weighs 920 pounds with .40 inch of backfat, a 15 square inch ribeye, and a Quality Grade of Choice minus, what's wrong with it?

a. Too fat b. Too little muscle c. Too big d. Nothing, everything is OK
- _____ 8. What factor determines the accuracy of an EPD value for a bull?

a. The EPD of his sire b. Number of calves he has sired
c. Breed Average EPD for the trait d. What breed he is
- _____ 9. What effect will implants such as Synovex and Revalor have on cattle?

a. Gain faster b. Improve feed efficiency c. Reduce fatness
d. All of these
- _____ 10. Which type of market animal now sells for the lowest price per pound?

a. steer b. hog c. lamb d. all are the same
- _____ 11. A steer has gained 300 pounds in the last 100 days. He has eaten 20 pounds of feed each day and that feed cost a total of \$1.20 each day. What is the feed cost per pound of gain?

a. \$1.20 b. 6 cents c. 40 cents d. 2.5

- _____ 12. What is the term for cutting open the mother and removing the calf through that opening?
a. Cesarean section b. Laparoscopy c. Embryo transfer d. Ultrasonography
- _____ 13. Which feed contains no amino acids but is used to increase the protein content of cattle rations?
a. Limestone b. Urea c. Soybean Meal d. Milo
- _____ 14. If an animal keeps its head down and moves with a short stride off the front end, what is probably wrong with it?
a. Weak top b. Steep rump c. Post legged d. Straight Shoulder
- _____ 15. What grade or score is most closely related to the mature size of an animal?
a. Quality Grade b. Condition Score c. Frame Score d. Yield Grade
- _____ 16. You see a meat cut with a large round bone in it. What part of the animal did it most likely come from?
a. neck b. shoulder c. rib d. loin
- _____ 17. Which type of cattle are likely to experience the most harm from worms?
a. 1-week old calves b. yearling steers on pasture c. cows that are nursing a calf
d. yearling steers in the feedlot
- _____ 18. Which mineral is not found in trace mineral salt?
a. Calcium b. Phosphorous c. Magnesium d. None of them are in T M Salt
- _____ 19. How do you tell the difference between first cutting and second cutting orchardgrass hay?
a. Color of the hay b. Dustiness c. Presence of stems and seedheads
d. Whether it's in a round or a square bale
- _____ 20. Which tool may be used to dock tails of lambs?
a. Emasculator b. Emascutome c. Elastrator d. All of these
- _____ 21. Which of the following grows the slowest?
a. gilt b. barrow c. boar d. There's no difference in rate of gain
- _____ 22. In what form is most of the beef consumed in the United States?
a. steaks b. roasts c. ground beef d. barbecue
- _____ 23. If you are feeding a balanced ration but the rate of gain is too slow, which nutrient do you need to increase to get the animal to gain faster?
a. Energy (TDN) b. Protein c. Calcium d. Vitamin E
- _____ 24. Which mineral can be either fed or injected, and a deficiency causes a problem called White Muscle Disease?
a. Sodium b. Calcium c. Selenium d. Copper
- _____ 25. Which grade or score is most closely related to reproductive performance of a cow - especially related to how soon she comes back into heat after calving?
a. Frame Score b. Quality Grade c. Condition Score d. Yield Grade