

Name _____ Contestant Number _____

2002 State Fair Stockmens Contest
Senior Quiz

Put the letter of the most correct answer in the space provided.

- _____ 1. A heifer walks with her head held low and a short, stiff stride. What's the problem?
a. Sickie Hocked b. Straight Shoulder c. Steep Rump d. Cow Hocked
- _____ 2. Which of the following is a measure of maternal performance in swine?
a. EPD b. PSE c. ESP d. SPI
- _____ 3. Which species won't normally have heats all year around if she isn't pregnant?
a. Cattle b. Pigs c. Sheep d. All will show heat year around
- _____ 4. On average, when a black cow that carries the red gene is mated to a black bull that also has the red gene, a black calf will be produced how often?
a. All the time b. 75% of the time c. Half of the time
d. 25% of the time d. None of the time
- _____ 5. If the carcass price of beef is \$1.00 per pound, which is closest to the equivalent live price per pound?
a. 50 cents b. 60 cents c. 75 cents d. \$1.60
- _____ 6. Which species just implemented a mandatory identification system for all breeding animals in the United States?
a. Cattle b. Pigs c. Sheep d. None of them
- _____ 7. Which market animal now sells for the lowest price per pound?
a. hog b. steer c. lamb d. hog and lamb are the same
- _____ 8. What is a problem resulting from well-fertilized corn or grass during drought conditions? This problem can kill livestock if they eat silage or hay from these crops.
a. Magnesium deficiency b. Nitrate Toxicity
b. c. Low Energy content d. Selenium deficiency
- _____ 9. Residues in the carcass are prevented by following the directions for what on the label?
a. Withholding period b. Waiting period c. Withdrawal period d. Clearance period
- _____ 10. The best indicator of pigs that are littermates is what?
a. Notch in the right ear b. Notch in the left ear
c. They are the same color d. They are the same sex
- _____ 11. Which 2 nutrients are usually below a cow's requirement when feeding just corn silage?
a. Calcium and Protein b. Phosphorous and Protein
c. Energy and Calcium d. Energy and Phosphorous
- _____ 12. We want to feed a group of calves 300 pounds of dry matter from corn silage. Corn silage is 33% dry matter. How much corn silage should be fed to these calves?
a. 100 pounds b. 300 pounds c. 330 pounds d. 900 pounds
- _____ 13. Which part of the reproductive tract of a female is a barrier to infections and foreign material?
a. Ovary b. Placenta c. Cervix d. Uterus

- ___ 14. What is determined from hip height and age of a calf?
a. Condition Score b. Frame Score
c. Quality Grade d. Yield Grade
- ___ 15. A steer carcass is 780 pounds with 0.45 inch of backfat, a 10.0 square inch ribeye, and a Quality Grade of average Choice? This carcass is ...
a. Too big b. Too fat c. Light muscled d. Just right
- ___ 16. Feed for which kind of animal has the highest protein level?
a. Calf Creep Feed b. Replacement heifer c. finishing steer d. Pregnant cow
- ___ 17. Which type of forage is best able to grow during times of high temperature and low rainfall?
a. Red Clover b. Alfalfa c. Bluegrass d. Orchardgrass
- ___ 18. Which hormone is made by the placenta and causes pregnancy to be maintained?
a. Progesterone b. Prolactin c. Prostaglandin d. Estrogen
- ___ 19. How does the EPD of a bull become a more accurate prediction of his true genetic merit?
a. Sire more calves b. Weigh him more often
c. Breed him to cows of different breeds d. Breed him to his own daughters
- ___ 20. Which view is best to determine if an animal is Sickle Hocked?
a. Rear View b. Side View c. Front View d. Looking down from above
- ___ 21. In what form is most of the beef consumed in the United States?
a. Steaks b. Roasts c. Ground Beef d. Jerky
- ___ 22. When a steer carcass is cut, which retail cut do we get the smallest amount of?
a. Porterhouse steak b. Ribeye steak
c. Top Round steak d. Flank steak
- ___ 23. Which of the following can cause an infectious disease?
a. Virus b. Bacteria c. Antibody d. Both a & b
- ___ 24. Which type of internal parasite is **not** controlled with dewormers?
a. Roundworms b. Coccidia c. Lungworms d. Tapeworms
- ___ 25. Which feed is **not** a byproduct of processing corn?
a. hominy b. corn gluten feed c. distillers grains d. brewers grains