

Name _____ Contestant Number _____

2009 Beef Expo Stockmens Contest
Junior Quiz

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

- _____ 1. Which feed contains the highest protein content?
a. corn b. molasses c. alfalfa meal d. soybean meal
- _____ 2. How often does a normal, nonpregnant cow come into heat?
a. 17 days b. 21 days c. 283 days d. 365 days
- _____ 3. From which one of these wholesale cuts do we get the T-bone steak?
a. Chuck b. Rib c. Loin d. Round
- _____ 4. When she is mated to a black bull, a black cow will never have a red calf.
a. This is FALSE b. This is TRUE
- _____ 5. Where do cattle get worms from?
a. Eating grass b. Drinking dirty water
c. Insect Bites d. Eating moldy hay or silage
- _____ 6. Which of the following breeds was developed by crossing Brahman and Shorthorn cattle?
a. Brangus b. Santa Gertrudis c. South Devon d. Tarentaise
- _____ 7. Which of the following measures refers to the mature size of cattle?
a. Condition Score b. Frame Score c. Yield Grade d. Marbling Score
- _____ 8. Which factor is most closely related to a cow having trouble delivering her calf?
a. Milk producing ability of the cow
b. Birth weight of the calf
c. If the cow was bred artificially she will have less trouble calving
d. Cows calving in the winter have more trouble than those calving in spring
- _____ 9. An animal that has its rear legs close together as it walks away from you is
a. Fat b. Structurally Incorrect c. Light muscled d. Old
- _____ 10. Your heifer is in "heat" this morning. When should she be bred by artificial insemination?
a. Lunch time b. This evening c. Tomorrow morning d. Immediately
- _____ 11. Which mineral is likely to be deficient when feeding a very high grain ration?
a. Magnesium b. Calcium c. Selenium d. Phosphorous
- _____ 12. Yield grade is associated with the amount of trim, retail cuts we get from a beef carcass. Which factor is **not** used to calculate Yield Grade?
a. Fat thickness b. Ribeye Area (amount of muscle)
c. Carcass Weight d. Marbling Score
- _____ 13. If we want to have tolerance to heat and resistance to parasites which breed is most useful to us?
a. Scotch Highland b. Brahman c. Limousin d. Shorthorn

- ___ 14. Which of these plants is a legume, and therefore is higher in protein content and does not need any nitrogen fertilizer?
a. Red Clover b. Tall Fescue c. Timothy d. Corn
- ___ 15. What is the term for removing fertilized eggs from one cow and putting those eggs into another cow to carry them throughout pregnancy?
a. artificial insemination b. localized anesthesia
c. embryo transfer d. postpartum anestrous
- ___ 16. At the same weight, which animal is fatter?
a. bull b. steer c. heifer d. they're the same
- ___ 17. Which grade would be used to describe a weaned feeder calf?
a. Choice b. Medium 1 c. Yield Grade 3 d. U S Grade A
- ___ 18. Cattle and sheep are able to make their own in their rumen, but pigs must have them included in their feed. What are they?
a. Vitamins b. Minerals c. Hormones d. Carbohydrates
- ___ 19. Which live weight should produce a carcass weighing 750 pounds?
a. 1050 pounds b. 1150 pounds c. 1250 pounds d. 1350 pounds
- ___ 20. What is the recommended site for giving a subcutaneous injection?
a. Deep in the muscle of the neck b. Under the skin of the neck
c. Under the skin of the ear d. Down the back
- ___ 21. In the United States, in what form is most beef consumed?
a. boneless steaks b. bone-in steaks
c. roasts d. ground beef
- ___ 22. In which part of the animal do you find the blade bone?
a. shoulder b. back c. hip d. rear leg
- ___ 23. Which part of grass contains the most nutrition for cattle?
a. leaves b. stem c. seedhead d. they're the same
- ___ 24. In what type of cattle can a growth-promoting implant such as Synovex or Ralgro be used?
a. nursing calf b. stocker steer on grass c. steer in the feedlot d. all of these
- ___ 25. What is contained in the first milk, called colostrum, that is good for the newborn calf?
a. Antibodies to fight disease b. Fat to provide energy
c. Protein to help support growth d. All of these