

Name \_\_\_\_\_ Contestant Number \_\_\_\_\_

2000 State Fair 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. What is the process of producing milk called?  
a. lactation                      b. gestation                      c. ovulation                      d. palpation
- \_\_\_\_\_ 3. Which one of these wholesale meats cuts is found in all three species (beef, pork, and lamb)?  
a. Chuck                      b. Rib                      c. Loin                      d. Leg
- \_\_\_\_\_ 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. What are you preparing to do if you are holding a drench gun?  
a. Inject a vaccine                      b. Castrate a calf  
c. Put medicine in an animal's mouth                      d. Administer a growth-promoting implant
- \_\_\_\_\_ 6. A pig now weighs 250 pounds. 75 days ago he weighed 100 pounds. He has eaten a total of 600 pounds of feed. What is his Average Daily Gain?  
a. 2 pounds                      b. 4 pounds                      c. 6 pounds                      d. 8 pounds
- \_\_\_\_\_ 7. Which market animal now sells for the highest price per pound?  
a. hog                      b. steer                      c. lamb                      d. Cull beef cow
- \_\_\_\_\_ 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. An animal with a temperature of 106 degrees Fahrenheit is  
a. likely to have a fever, and needs treatment  
b. chilled and needs to be put in a warm barn  
c. in heat and should be bred now  
d. normal and doesn't need anything
- \_\_\_\_\_ 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 female and putting those eggs into another female 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. If you bred a sow today (September 29), when would you expect her to have her pigs?  
a. December 20, 2000                      b. January 24, 2001  
c. February 26, 2001                      d. July 8, 2001
- \_\_\_ 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. If pigs are properly ear notched, which ear provides information about the litter number?  
a. Left                      b. Right                      c. Litter is not used with ear notching
- \_\_\_ 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 of the following products is **not** used as a protein supplement for livestock feeds.  
a. milk                      b. fish                      c. feathers                      d. hair
- \_\_\_ 24. Which is closest to the ideal amount of fat thickness over the last rib of a lamb?  
a. .15 inch                      b. .30 inch                      c. .50 inch                      d. 1.0 inch
- \_\_\_ 25. What part of a grass plant contains the most nutrition (both energy and protein)?  
a. leaf                      b. stem