Contestant Number _____ Contestant Name _____

Junior Contestants

2007 Virginia Beef Expo Stockman's Contest

(Bubble in the correct response on the Scantron form using a Number 2 pencil)

_____ 1. Which is the largest compartment of a cow's stomach?
A. Reticulum B. Omasum
C. Rumen D. Abomasum

_____ 2. Which of the following breeds was developed by crossing Brahman and Shorthorn genetics?
A. Brangus B. Barzona
C. Santa Gertrudis D. South Devon

_____ 3. From what wholesale cut does the T-bone steak come?
A. Chuck B. Round C. Rib D. Loin

_____ 4. What are the top five USDA beef carcass quality grades from highest to lowest?
A. Prime, Choice, Select, Standard, Utility B. 1,2,3,4,5
C. Choice, Prime, Select, Utility, Standard D. 5,4,3,2,1

_____ 5. Which of the following breeds was not originally developed in the U.S.?
A. Angus B. Longhorn C. Simbrah D. Santa Gertrudis

_____ 6. Which of the following retail beef cuts typically sells for the highest price per pound?
A. Top Round Steak B. Ribeye Steak
C. Fillet or Tenderloin Steak D. Boneless Chuck Steak

_____ 7. Of the following breeds, which one has the highest average birth weight and growth rate?
A. Angus B. Limousin C. Holstein D. Hereford

_____ 8. If the label on a vaccine bottle states that the injection can be given intramuscularly or subcutaneously, the injection should be given by which route?
A. Intramuscular B. Subcutaneous C. Either way D. Intradermal

_____ 9. Which is closest to the weight of beef carcass that has the most demand from the whole beef industry?
A. 550 lb. B. 750 lb. C. 1000 lb. D. 1200 lb.

_____ 10. Which of the following feeds is lowest in energy?
A. Grass hay B. Barley C. Corn silage D. Oats

_____ 11. Where in Virginia is a there a beef packing plant that processes 3000 cattle per day?
A. Blacksburg B. Smithfield C. Richmond D. There is none in VA

_____ 12. What do we call the first milk produced by a cow after she calves?
A. Clostridium B. Coliform C. Colostrum D. Cholera

_____ 13. What carcass grade is most affected by marbling?
A. Quality grade B. Body Condition Score
C. Yield grade D. Feeder Cattle Grade

_____ 14. A deficiency in which mineral can result in "grass tetany?"
A. Calcium B. Magnesium C. Iron D. Selenium

_____ 15.Your heifer was in heat today. If she is not bred, when do you expect her to be in heat again?
A. 10 days from now B. 17 days from now
C. 21 days from now D. 30 days from now

_____ 16. In reference to cattle breeding what do the initials EPD stand for?
A. Extra Pounds Difference B. Expected Progeny Difference
C. Expected Pounds Difference D. Emergency Police Department

_____ 17. Which of the following measures refers to the mature size of cattle?
A. Body Condition Score B. Yield Grade
C. Marbling Score D. Frame Score

_____ 18. What term refers to the planned mating of different breeds to gain the benefits of hybrid vigor and breed complementarity?
A. Inbreeding B. Out Crossing C. Crossbreeding D. Line Breeding

_____ 19. What term refers to plants such as clover and alfalfa that require little or no nitrogen fertilizer?
A. Nitrogenic B. Forages C. Haylages D. Legumes

_____ 20. Your heifer is in "heat" this morning. When should she be bred by artificial insemination?
A. Lunchtime B. This evening C. Tomorrow morning D. Immediately

_____ 21. How much dry feed would you expect an 800-pound steer to consume each day?
A. 8 pounds B. 15 pounds C. 21 pounds D. 30 pounds

_____ 22. Bull semen for artificial insemination is frozen and stored in
A. Dry ice B. Ethyl alcohol C. Liquid nitrogen D. Ice cream freezer

_____ 23. In Virginia which is most commonly used method of producing feeder cattle without horns?
A. Barnes dehorner B. Electric dehorner
C. Dehorning paste D. Polled genetics

_____ 24. What is the leanest beef carcass yield grade?
A. 1 B. 5 C. Standard D. Utility

_____ 25. Which feed is lowest in protein content?
A. Alfalfa hay B. Corn
C. Soybean meal D. Corn silage