

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

2002 State Fair Stockmens Contest  
Junior Quiz

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

- \_\_\_\_\_ 1. Which feed contains the highest energy content?  
a. orchardgrass hay      b. oats      c. alfalfa pellets      d. barley
- \_\_\_\_\_ 2. Which determines if a beef carcass grades Prime, Choice, or Select?  
a. Backfat thickness      b. Ribeye Area  
c. Carcass Weight      d. Amount of marbling
- \_\_\_\_\_ 3. Which item is used to treat a disease?  
a. Virus      b. Vaccine  
c. Antibiotic      d. Antiseptic
- \_\_\_\_\_ 4. Which is the only species that is not normally bred before 1 year of age?  
a. Cattle      b. Sheep  
c. Pigs      d. All are usually older than 1 year
- \_\_\_\_\_ 5. Which species does not return in heat every 21 days if they are not pregnant?  
a. Cattle      b. Sheep  
c. Pigs      d. All have a 21 day cycle
- \_\_\_\_\_ 6. Which trait is the best indicator of a bull that is less likely to produce calving difficulty?  
a. His Birth Weight      b. His sire's birth weight  
c. His Birth Weight EPD      d. The average Birth Weight EPD for the breed
- \_\_\_\_\_ 7. Which market animal now sells for the lowest price per pound (live basis)?  
a. hog      b. steer      c. lamb      d. hogs and lambs are the same
- \_\_\_\_\_ 8. Your calf has a temperature of 102. What should you do?  
a. Treat him since he is sick      b. Call a vet  
c. Nothing, this is a normal temperature      d. Bring him in a heated barn
- \_\_\_\_\_ 9. Which of these forage plants is best able to grow when temperatures are high and rainfall is low?  
a. Red Clover      b. Alfalfa      c. Bluegrass      d. Orchardgrass
- \_\_\_\_\_ 10. Which wholesale cut is found in all 3 meat animal species?  
a. Rib      b. Chuck      c. Loin      d. Shoulder
- \_\_\_\_\_ 11. What is the normal way a calf or lamb is born?  
a. Tail first      b. Front feet and nose first      c. Head first      d. Back feet first
- \_\_\_\_\_ 12. If the directions on a medicine bottle say to give it either Subcutaneous or Intramuscular, where do you inject this product?  
a. Deep in the muscle of the hip      b. Deep in the muscle of the neck  
c. Under the skin of the neck      d. Wherever it is easier

- \_\_\_ 13. What technology is used to determine whether an unborn calf is a male or female?  
a. Magnetic Resonance Imaging                      b. Ultrasound  
c. Endoscopy    d. Ultraviolet
- \_\_\_ 14. Which needle is bigger in diameter?  
a. 14 gauge    b. 20 gauge
- \_\_\_ 15. If we wanted large litter size, good milking ability, and excellent underline quality, which breed would be the best choice?  
a. Berkshire    b. Duroc  
c. Hampshire    d. Landrace
- \_\_\_ 16. Is it possible for a black bull to sire a red calf?  
a. Yes    b. No
- \_\_\_ 17. What is it called when people make identical genetic copies of an animal?  
a. Cloning    b. Reproducing  
c. Embryo Transfer    d. Fertilization
- \_\_\_ 18. Which type of grade or score is related to the mature size of a cow and the finished weight of a steer?  
a. Condition Score                      b. Frame Score                      c. Yield Grade                      d. Quality Grade
- \_\_\_ 19. If a ewe is bred today (October 4), then approximately when do you expect her to lamb?  
a. Late January                      b. Early March                      c. Mid May                      d. Mid July
- \_\_\_ 20. What do we call feed that is available to the calf but the cows cannot get to it?  
a. First feed                      b. Starter feed                      c. Creep feed                      d. Grower feed
- \_\_\_ 21. Which is a permanent form of identification that can be seen from a distance?  
a. Freeze Brand                      b. Ear Notch                      c. Tattoo                      d. Ear Tag
- \_\_\_ 22. Which tool is not used to dock tails of lambs?  
a. Emasculator   b. Elastrator   c. Emascutome                      d. All of these are used for tail docking
- \_\_\_ 23. A pig grew from 40 pounds to 240 pounds in 100 days and ate 600 pounds of feed. What was his Feed Efficiency (pounds of feed per pound of gain)?  
a. 3.0                      b. 2.0                      c. 6.0                      d. 2.0
- \_\_\_ 24. A calf has just been born, but he is chilled and can't nurse. What piece of equipment do you need?  
a. Esophageal Feeder   b. Obstetrical Chain   c. Emasculator                      d. Drench Gun
- \_\_\_ 25. Yes or No? Virginia is home to the largest beef packing company in the United States?