

Name _____ Contestant Number _____

2009 Beef Expo Stockmens Contest
Senior Quiz

Record your answer on the SCANTRON form using a # 2 pencil.

- _____ 1. If she can have all she wants, how much hay will an 1100-pound cow eat?
a. 12 pounds b. 24 pounds c. 36 pounds d. 48 pounds
- _____ 2. Which is the shortest-growing legume, thus it is better suited for pasture than for hay?
a. Alfalfa b. Red Clover c. White Clover d. Lespedeza
- _____ 3. Which one of these retail meats cuts comes from the forequarter of a beef carcass?
a. Short Ribs b. Porterhouse Steak c. Sirloin Steak d. Flank Steak
- _____ 4. On average, when a black cow that carries the red gene is mated to a black bull that carries the red gene, a red calf will be produced how often?
a. All the time b. Half the time c. 25% of the time d. None of the time
- _____ 5. What is a major health risk to livestock that are grazing straight alfalfa?
a. Footrot b. Rickets c. Listeriosis d. Bloat
- _____ 6. A steer now weighs 1225 pounds. 75 days ago he weighed 1000 pounds. He has eaten a total of 1500 pounds of feed. What is his Average Daily Gain?
a. 2.5 b. 3.0 c. 3.5 d. 4.0
- _____ 7. Who calculates EPD's on cattle?
a. The individual breeder b. State Extension Specialist
c. Breed Association d. Bull stud that sells the semen
- _____ 8. Which factor is **not** closely related to a cow having trouble delivering her calf?
a. Milk producing ability of the cow b. Birth weight of the calf
c. Age of the cow d. Sex of the calf
- _____ 9. What is the biggest problem with a carcass that is 810 pounds with .45 inch backfat, a 10.4 inch ribeye, and Moderate marbling with a Choice + Quality Grade.
a. Too fat b. Carcass is too heavy
c. Ribeye is too small d. No problem – everything is real good
- _____ 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. When using urea as a protein supplement, which mineral must also be supplemented to provide an important ingredient used by the rumen microbes to make certain amino acids?
a. Sulfur b. Copper c. Selenium d. Phosphorous
- _____ 12. Quality Grade is associated with the eating characteristics of cuts we get from a beef carcass. Which is the only factor used to determine Quality Grade?
a. Fat thickness b. Ribeye Area (amount of muscle)
c. Carcass Weight d. Marbling Score

- ___ 13. Which of these factors is most closely related to how quickly a cow begins to show heat after she calves, and therefore how quickly she may become bred?
a. Frame Size b. Condition Score c. Amount of Muscle she has d. Sex of her calf
- ___ 14. Which of these plants is able to produce prussic acid, a compound that can kill animals that consume it?
a. Red Clover b. Tall Fescue c. Wild Cherry trees d. Corn
- ___ 15. Which two nutrients most need to be supplemented when feeding corn silage to cattle?
a. Calcium and protein b. Magnesium and Selenium
c. Copper and Phosphorous d. Energy and Phosphorous
- ___ 16. You want to feed 7 pounds of dry matter from high moisture corn, which is 70% dry matter. How many pounds of corn will actually be fed?
a. 4.9 b. 7 c. 10 d. 70
- ___ 17. Which production traits can be more rapidly improved by crossbreeding than by selection within a breed?
a. Growth traits b. Reproductive traits
c. Carcass traits d. Crossbreeding doesn't result in higher production
- ___ 18. Which needle is larger in diameter?
a. 14 gauge b. 20 gauge
- ___ 19. Ultrasound technology is **not** used to determine
a. Pregnancy b. Marbling Score c. Backfat thickness d. Body temperature
- ___ 20. A heifer walks with her head held low, and she takes a short and restricted stride up front. What's likely wrong with her?
a. Foot rot b. Straight in her shoulder
c. She's light muscled d. She has a fever
- ___ 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. During which season of the year are the bad effects of the endophyte fungus in tall fescue most troublesome?
a. spring b. summer c. fall d. winter
- ___ 24. What is the recommended width of a working chute to be used for all types of cattle?
a. 14 inches b. 28 inches c. 36 inches d. However wide your biggest cow is
- ___ 25. What is the recommended minimum scrotal circumference of a bull that is 1 year of age?
a. 30 millimeters b. 30 centimeters c. 30 inches d. there is no minimum value