

**2015 Virginia State Fair
Beef Skillathon Senior Quiz**

Name _____

County _____

1. _____ Which of the following maturity grades apply to cattle under 24 months of age?
a. A&B b. A&D c. C&D
2. _____ Which of these is highest in priority when considering nutrient allocation
a. reproduction b. maintenance c. production
3. _____ Milk fever is the result of an acute drop of _____ blood level.
a. iron b. selenium c. copper d. calcium
4. _____ If mating heterozygous by heterozygous the percentage of homozygous offspring would be
a. 10% b. 25% c. 50% d. 75%
5. _____ Which of the following plants is a perennial cool season grass?
a. orchardgrass b. sudagrass c. bermudagrass d. crabgrass
6. _____ The USDA Quality Grades in order from highest degree to lowest degree of marbling are
a. Prime, Choice, Select, Standard b. 5,4,3,2,1
c. Standard, Select, Choice, Prime d. 1,2,3,4,5
7. _____ True or False. In dry feedlot conditions, cattle are less likely to ingest worm eggs or larvae.
a. True b. False
8. _____ Which breed was developed from an Angus X Shorthorn cross?
a. Santa Gertrudis b. Hays Converter c. Salers d. Murray Grey
9. _____ The performance advantage gained by crossing animals of two different breeds is called
a. ketosis b. heterosis c. mitosis d. superiority
10. _____ Coccidiosis describes a condition caused by
a. internal parasite b. bacteria c. nutrient deficiencies
11. _____ Which of these USDA Feeder Cattle grades best describes a calf that would be expected to reach finished weight at 1,000 pounds or less?
a. L1 b. S1 c. M1
12. _____ If a cow has a body condition score of 8, she is
a. fat b. good c. thin
13. _____ Which grain is lowest in energy value?
a. wheat b. oats c. barley d. corn

(more questions on back)

14. ____ Which of these is the most important nutrient for thin cows in late lactation?
a. energy b. protein c. water d. minerals
15. ____ A carcass with marbling score of Moderate would best fit in which grade
a. Prime b. Choice c. Select d. this marbling score is invalid