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?

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 and Angus X Shorthorn cross?

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