2014 Virginia State Fair
Beef Skillathon Senior Quiz

Name____________________     County__________________

1. _____ Which of the following maturity grades are necessary for cattle to grade USDA Choice?

2. _____ Which of these is lowest in priority when considering nutrient allocation
   a. reproduction       b. maintenance       c. production

3. _____ Milk fever is the result of an acute fall of _______ in the blood?
   a. iron       b. selenium       c. copper       d. calcium

4. _____ If mating homozygous 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 warm season grass?
   a. orchardgrass       b. fescue       c. bermudagrass       d. crabgrass

6. _____ The USDA Yield Grades in order from lean to fat 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 of the following breeds is not a continental breed?

9. _____ Another word for hybrid vigor is
   a. ketosis       b. heterosis       c. mitosis       d. superiority

10. ____ Leptospirosis describes a condition caused by
    a. internal parasite       b. bacteria       c. nutrient deficiences

11. ____ USDA Feeder Cattle grades are based on
    a. degree of finish       b. frame size and muscling       c. breed and sex

12. ____ If a cow has a body condition score of 2, she is
    a. fat       b. good       c. thin

13. ____ Which grain is higher in energy value?
    a. wheat       b. milo       c. barley       d. corn

14. ____ Which of these is the most important nutrient for finishing steers?
    a. energy       b. protein       c. water       d. minerals

15. ____ A carcass with marbling score of Moderately Abundant would best fit in which grade
    a. Prime       b. Choice       c. Select       d. this marbling score is invalid