

**2014 Virginia State Fair
Beef Skillathon Senior Quiz**

Name _____

County _____

1. a Which of the following maturity grades are necessary for cattle to grade USDA Choice?
a. A&B b. A&D c. C&D
2. a Which of these is lowest in priority when considering nutrient allocation
a. reproduction b. maintenance c. production
3. d Milk fever is the result of an acute fall of _____ in the blood?
a. iron b. selenium c. copper d. calcium
4. c If mating homozygous by heterozygous the percentage of homozygous offspring would be
a. 10% b. 25% c. 50% d. 75%
5. c Which of the following plants is a perennial warm season grass?
a. orchardgrass b. fescue c. bermudagrass d. crabgrass
6. d 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. a True or False. In dry feedlot conditions, cattle are less likely to ingest worm eggs or larvae.
a. True b. False
8. b Which of the following breeds is not a continental breed?
a. Charolais b. Brahman c. Salers d. Limousin
9. b Another word for hybrid vigor is
a. ketosis b. heterosis c. mitosis d. superiority
10. b Leptospirosis describes a condition caused by
a. internal parasite b. bacteria c. nutrient deficiencies
11. b USDA Feeder Cattle grades are based on
a. degree of finish b. frame size and muscling c. breed and sex
12. c If a cow has a body condition score of 2, she is
a. fat b. good c. thin
13. d Which grain is higher in energy value?
a. wheat b. milo c. barley d. corn
14. c Which of these is the most important nutrient for finishing steers?
a. energy b. protein c. water d. minerals
15. a 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