

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

Maximum Score 75 points

Name \_\_\_\_\_

County \_\_\_\_\_

1. \_\_\_\_ Anemia is a blood condition caused by  
a. low iron    b. low cholesterol    c. low selenium
  
2. \_\_\_\_ Which breed was developed crossing the Hereford, Shorthorn, and Brahman breeds?  
a. Salers    b. Brangus    c. Santa Gertrudis    d. Beefmaster
  
3. \_\_\_\_ Which of the following plants is a cool season grass?  
a. bermudagrass    b. switchgrass    c. Timothy    d. millet
  
4. \_\_\_\_ Which feed has the lowest level of protein?  
a. corn    b. alfalfa    c. trace mineral salt    d. soybean meal
  
5. \_\_\_\_ Where do we recommend giving shots to cattle?  
a. deep in the muscle of the hip    b. deep in the muscle of the shoulder  
c. under the skin of the neck    d. anywhere it's easy
  
6. \_\_\_\_ Which of the following grades is considered a USDA Yield Grade?  
a. choice    b. 5    c. medium    d. cutter
  
7. \_\_\_\_ What causes ringworm?  
a. insect    b. fungus    c. virus
  
8. \_\_\_\_ An Angus bull can sire  
a. Black calves    b. Red calves    c. Black baldies    d. All three
  
9. \_\_\_\_ Through which part of the digestive system of a cow does feed pass last?  
a. rumen    b. true stomach    c. small intestine    d. large intestine
  
10. \_\_\_\_ Feeds high in fiber and low in energy are known as  
a. concentrates    b. supplements    c. Roughages
  
11. \_\_\_\_ Which feed ingredient is considered protein supplement in a feed ration  
a. corn    b. clover    c. urea    d. milo

**(more questions on back)**

12. \_\_\_\_ Brahman and Brahman crosses are able to withstand cold temperatures and produce carcasses with tender meat.  
a. True            b. False
13. \_\_\_\_ If a product is to be given topically, where is it given?  
a. under the skin      b. in the skin    c. in the muscle      d. poured on the back
14. \_\_\_\_ Where is the proper place to give a growth promoting implant?  
a. under the skin of the ear  
b. under the skin of the neck  
c. under the skin along the ribs  
d. under the skin of the tail
15. \_\_\_\_ How often do non-pregnant cows come into heat?  
a. every 17 days                      b. every 35 days  
c. every 21 days                      d. every year