

**Contest Exam 4**  
**Kansas State University**  
**R. Scott Beyer**

1. When judging broiler breeders, the following is **not** considered a deformity:  
a. green shanks    b. crossed beak    c. broken feathers    d. severely crooked toes
2. When an egg has a broken or cracked shell, but the shell membranes are intact and no leakage occurs, it is referred to as a:  
a. sound    b. check    c. pipp    d. fracture
3. A meat patty that has greater than ½" reddish or pink areas would be considered to have what defect?  
a. minor defect    b. major defect    c. critical defect    d. no defect
4. A broiler carcass with two disjointed bones, one broken non-protruding bone, and four broken protruding bones would be USDA grade:  
a. A    b. B    c. C    d. no grade
5. Which of the following ready-to-cook poultry carcass parts contains a portion of the back?  
a. leg quarter    b. breast quarter    c. thigh    d. leg
6. A broiler flock had a feed conversion rate of two pounds of feed per pound of body weight gain. If the producer buys feed at \$130.00/ton, what is the cost of the feed to produce one pound of broiler?  
a. \$.065 cents    b. \$.013 cents    c. \$.026 cents    d. none of these
7. Since 1995, the most preferred meat in per-capita consumption in the United States today is:  
a. beef    b. poultry    c. pork    d. lamb
8. The number of days required for a turkey egg to hatch is:  
a. 14    b. 21    c. 28    d. 34
9. Which of the following factors will influence the total incubation time of eggs?  
a. incubation temperature    b. age of the egg in storage

c. size of the egg

d. all of these

10. When vaccinating poultry with a live vaccine, which of the following are added to the vaccine mixture before administering it to the birds?

a. a sanitizer

b. a sterilizer

c. fluorine

d. skim milk

11. The primary cause of carcass downgrades today is due to:

a. broken bones

b. missing skin

c. feathers

d. bruises

12. A turkey grower wanted to produce more turkeys. The grower collected 5,000 eggs from the breeder farm. After grading and sorting, the grower set 4,500 eggs in the incubator. When the poults hatched, the grower counted 3,500 poults. What was the closest percent hatchability of the turkey eggs?

a. 60%

b. 70%

c. 78%

d. 85%

13. Which of the following vaccines is administered to chicks only at day of hatch?

a. Newcastle

b. bronchitis

c. fowl pox

d. Marek's

14. A **pullet** is a bird being grown to produce:

a. eggs

b. meat

c. feathers

d. turkey

15. Which of the following cuts of poultry are **not** considered to be dark meat?

a. thigh

b. back

c. wing

d. drumstick