

Contest Exam 5  
Kansas State University  
R. Scott Beyer

- Shedding of old feathers on a bird is called:  
A. Truing    B. Dubbing    C. Molting    D. Defeathering    E. None of these
- Dr. Beyer hatched 100 broiler chicks out of 125 total eggs placed in the incubator. He then grew them out for 6 weeks. During the grow out period, each bird ate 12.5 lbs of feed and weighed 5 pounds when processed. The feed conversion rate was closest to:  
A. 2.50:1    B. 3.75:1    C. 6.50:1    D. 8.95:1
- In chickens, the senses of taste and smell are:  
A. Very good    B. Poorly developed    C. Unknown  
D. Good and Bad    E. None of these
- Which of the following parts of the digestive system of the fowl secretes the hormone insulin?  
A. Liver    B. Gall bladder    C. Proventriculus    D. Pancreas    E. Magnum
- The part of the oviduct that retains the egg for the longest period of time is:  
A. Infundibulum    B. Magnum    C. Isthmus    D. Uterus    E. Crop
- If you vaccinate a group of birds, or any type of animal, the type of resistance that results is called:  
A. Natural immunity    B. Inherited immunity    C. Acquired immunity  
D. Passive immunity    E. Negative immunity
- Which of the following poultry diseases is caused by ingesting moldy feed?  
A. Botulism    B. Blackhead    C. Coccidiosis  
D. Mycotoxicosis    E. Lung disease
- Swelling of the hock joints, slipped tendons, and severe shortening of the long bones in broilers is called:  
A. Perosis    B. Lipidosis    C. Caminosis    D. Zoonosis
- To prevent stress in birds, poultry growers sometimes add extra vitamins to the water. A grower purchased some packets of vitamin mix at the farm supply store. The instructions indicated that one packet would make 50 gallons of water with vitamins. If the grower wanted to make 2750 gallons of water, how many packets would they need?  
A. 65    B. 55    C. 45    D. 35    E. 25

10. Poultry litter contains wood shavings and poultry manure. Poultry litter can be processed and fed to which of the following animals?  
A. Chickens      B. Turkeys      C. Swine      D. Cattle      E. Ostrich
11. Which of the following is NOT an important nutrient contained in poultry manure?  
A. nitrogen      B. potassium (potash)      C. phosphate      D. calcite
12. The processing term "WOG" means:  
A. Without gizzard      B. Without giblets      C. Write on grade  
D. Without one grade      E. None of these
13. Disadvantages for using in-house concrete pits for manure accumulation in layer houses are:  
A. Cost      B. Toxic gases      C. Fly problems      D. All of the above
14. Leg disorders of broilers appear to be:  
A. Caused by growing too slowly      B. Caused by poor nutrition  
C. Caused by in-breeding      D. Poor management
15. Cooling pads are most closely associated with:  
A. The principle of evaporative cooling  
B. A cool place for the birds to sit when over-heated  
C. Part of the processing plant  
D. Joint healing  
E. None of these
16. A poultry carcass missing an entire wing would be USDA grade:  
A. A      B. B      C. C      D. No grade
17. Which of the following is a disqualification factor when judging broiler breeder males?  
A. Broken feathers      B. Size of comb      C. Crooked toe      D. None of these
18. Which of the following is not a critical factor for judging cartoned eggs.  
A. Check      B. Prominent Stain      C. A large calcium deposit  
D. A feather stuck on the egg      E. None of these
19. A carcass part missing all of the skin would be USDA grade:  
A. A      B. B      C. C      D. No grade
20. What is the most important criteria to use to place past production hens?  
A. Pigmentation      B. Body conformation      C. Feather covering  
D. Comb vitality      E. Eye healthiness