

**Tarleton State University**

**Poultry Judging- Invitational-2016**

1. What percentage of table eggs are produced by caged hens?  
A. 85%      B. 90%      C. 95%      D. 99%
2. Another term used for the Gizzard is:  
A. Crop      B. Ventriculum      C. Proventriculus      D. Duodenum
3. Which of the following is not a factor influencing hatchability at the hatchery.  
A. Bird nutrition      B. Chick Handling      C. Disease control      D. Egg incubation
4. Which of the following is not a good source of litter?  
A. Hardwood shavings      B. Rice Hulls      C. Peanut hulls  
D. Softwood shavings
5. At what age are pullets moved into laying quarters?  
A. 10-12 weeks      B. 16-18 weeks      C. 18-20 weeks      D. 20-22 weeks
6. A typical turkey operation has how large of a grow out capacity?  
A. 10,000-12,000      B. 16,000-18,000      C. 20,000-25,000      D. 25,000-30,000
7. What state in the US is the top producer of eggs?  
A. Iowa      B. Ohio      C. Indiana      D. California
8. The processs of a chick breaking the shell to hatch is known as what?  
A. Cracking      B. Poking      C. Pipping      D. Breaking
9. What is the most commonly used route of vaccination in commercial broiler houses?  
A. The feed      B. The water      C. The air      D. Individually

10. Which of the following influences egg size?  
A. Body weight at maturity    B. Genetics    C. Nutrition    D. All of these  
Influence Egg size.
11. Which section of the digestive tract serves to reabsorb water and store fecal waste?  
A. Duodenum    B. Cecum    C. Large intestine    D. cloaca
12. High levels of myoglobin are associated with what kind of poultry meat?  
A. Giblet meat    B. Breast meat    C. Wing meat    D. Thigh meat
13. The chicken oviduct is how many centimeters long?  
A. 30    B. 45    C. 78    D. 107
14. Hens with red colored earlobes will lay\_\_\_\_ shelled eggs.  
A. Brown    B. White    C. Green    D. Maroon
15. An egg that has a 3/8 inch air cell with no meat or blood spot is a USDA grade \_\_\_\_\_.  
A. AA    B. A    C. B    D. No grade
16. If someone gave you the liver, neck, gizzard and heart of a turkey, the individual would be giving you the \_\_\_\_\_.  
\_\_\_\_ A. giblets    B. viscera    C. waste products    D. value added products
17. When evaluating a broiler breeder, the width across the shoulder be\_\_\_\_\_ percent of the length of the back.  
A. 65    B. 55    C. 75    D. 95

18. The United States broiler industry uses a cross between a Cornish and \_\_\_\_\_ chicken for meat production.
- A. Rhode Island White    B. White Leghorn    C. White Plymouth Rock  
D. Broad Breasted White
19. On average a broiler will gain one pound of live weight per how many pounds of feed intake?
- A. 1            B. 2            C. 3            D. 4
20. Surgical removal of the comb is known as what?
- A. Combing            B. Singeing            C. Dubbing            D. Decoming
21. Red light in chicken barns helps in the control of \_\_\_\_\_?
- A. cannibalism    B. Rodents            C. Heat            D. Overeating
22. Which organ functions to store the bile?
- A. Liver    B. Glandular Stomach    C. Cecum    D. Gall Bladder
23. Which of the following is not a viral disease?
- A. Fowl Pox            B. Infectious Bronchitis    C. Aspergillosis    D. Marek's
24. When composting dead carcasses, how thick of a layer of compost material should be placed between each layers of carcasses?
- A. 1 inch    B. 4 inches    C. 6 inches    D. 1 foot
25. Which of the following is not a factor that influences total incubation time of an egg?
- A. Humidity            B. Incubation temperature    C. Age of egg
- D. Size of the egg.

A hatchery set 45,000 eggs to be hatched for the Ted Ford broiler farm. During incubation 43,750 eggs were found to be fertile. After 21 days of incubation a total of 38,280 chicks had hatched. During growout, these birds consumed a total of 434,095 pounds of feed at a cost of \$0.33 per pound. The birds averaged a live weight of 6.3 pounds at time of live haul to the processing plant.

The birds were found to have a carcass yield of 78%. The birds also had a total carcass breast yield of 21%. Wing, drumstick, and thigh meat combined to account for 2.2 pounds of product.

26. What was the percent hatchability(%) of fertile eggs for this set?

- A. 85.0      B. 87.5      C. 89.0      D. 90.5

27. What percentage(%) of eggs set were lost due to infertility?

- A. 1.27      B. 2.08      C. 2.78      D. 3.19

28. What was Dr. Ford's feed conversion for this flock?

- A. 1.8      B. 1.87      C. 1.93      D. 1.99

29. What was the average carcass weight/(lb)?

- A. 3.28      B. 3.89      C. 4.19      D. 4.91

30. How much breast meat did the birds produce/(LB)?

- A. 0.96      B. 1.03      C. 1.13      D. 1.28