

## 2018 Poultry CDE Exam

1. What is the minimum percent of supplemental feed area of the brooder space that must be provided to broiler chicks during the first few days of their life?
  - a. 2%
  - b. 12%
  - c. 20%
  - d. 50%
2. Which of the following class of nutrients is the densest form of energy?
  - a. Protein
  - b. Carbohydrates
  - c. Fats and Oils
  - d. Minerals
3. A commercial flock started the week with 10,000 hens. On the 2<sup>nd</sup> night of the week the producer lost 5,000 hens. The production for the week was 45,000 eggs. What was the percent hen day egg production for the week?
  - a. 50%
  - b. 64 %
  - c. 90%
  - d. 100%
4. In 2015 what percent of poultry in the United States was marketed as further processed products?
  - a. 83%
  - b. 11%
  - c. 49%
  - d. 2%
5. Which best describes biosecurity?
  - a. Management system used to minimize the pathogen exposure of poultry
  - b. Simply a buzz word
  - c. A governmental program with uniform policies for all producers
  - d. A cooperative state and federal voluntary program designed to prevent the spread of poultry diseases in the United States.
6. What is the cooperative state and federal voluntary program designed to prevent the spread of poultry diseases in the United States?
  - a. Centers for Disease Control
  - b. National Animal Health Laboratory Network
  - c. National Poultry Improvement Plan
  - d. National Veterinary Services Laboratories
7. Leg and thigh meat is dark in color, while breast meat is light in color primarily due to the breast muscle's low levels of \_\_\_\_\_?
  - a. Myoglobin
  - b. Beta-Carotene
  - c. Food Dye added during processing
  - d. None of the above

8. When candling at day 18 a healthy embryo will be \_\_\_\_\_ in color?
  - a. Yellow
  - b. Red
  - c. Black
  - d. Green
9. Which of the following <sup>is</sup> not a potential feed additive used in the poultry industry?
  - a. Coccidiostats
  - b. Pellet binders
  - c. Pigments
  - d. Hormones
10. A broiler producer has placed 17500 chicks into his barn at placement. If he wants to insure to provide 15 waterers per 1,000 chicks how many waterers must he provide?
  - a. 18
  - b. 351
  - c. 263
  - d. None of the above
11. At what age in weeks would a producer plan on transferring pullets to a layer barn?
  - a. 10-12
  - b. 16-18
  - c. 20-24
  - d. None of the above
12. What is the production goal of the commercial table egg industry?
  - a. Produce eggs for consumption
  - b. Produce fertile eggs for hatching
  - c. Produce meat products
  - d. Produce purebred stock for exhibition
13. Which book outlines what each breed of birds should look like?
  - a. Cobb Management Guide
  - b. The Hyline Redbook
  - c. Roberts Rules of Order
  - d. The Standard of Perfection
14. What is the production goal of commercial turkey breeder operations?
  - a. Produce eggs for consumption
  - b. Produce fertile eggs for hatching
  - c. Produce meat products
  - d. Produce purebred stock for exhibition
15. Which part of the oviduct does fertilization occur in?
  - a. Infundibulum
  - b. Magnum
  - c. Isthmus
  - d. Uterus

16. Four-day-old eggs from 32-week-old chicken breeders normally require 21 days and six hours (510 hours) to incubate. How much time is required to incubate 6-day-old eggs from a 40-week-old flock with an average egg size of 2.1 oz.?
- 510
  - 511
  - 517
  - 520
17. Which is not regulation or guidelines that effect the layer industry?
- Egg products inspection law
  - The egg safety rule
  - HACCP
  - Incredible egg law
18. Located on the yolk, what structure contains the genetic information that is supplied by the hen in an infertile egg?
- Albumin
  - Blastoderm
  - Blastodisc
  - None of the above
19. A tray of eggs weighted 500 oz. before being placed into the setter. Before transferring at day 18 of incubation the tray was weighted again. What is the maximum the tray can weight to insure the eggs have lost a uniform of 12% of moisture?
- 60 oz.
  - 4166 oz.
  - 560 oz.
  - 440 oz.
20. What day might we see the largest embryo death from normal fertile eggs?
- 0
  - 4
  - 12
  - 18
21. Which is not a benefit of pelleting poultry diets?
- Increase consumption
  - Reduced waste
  - Easier to handle
  - Reduced Cost of Production
22. Which of the following are employment opportunities in the poultry industry?
- Quality control technician
  - Commodity Broker
  - Farm Manager
  - All of the above, the opportunities are endless
23. What is the length in weeks of a typical production cycle for market turkey hens?
- 5-8
  - 14-16
  - 18-20
  - 40-60

24. Which regulatory agency oversees poultry processing?
- FDA
  - USDA
  - IDOT
  - NPIP
25. The majority of commercial broilers are derived from:
- Rhode Island Red
  - Cornish
  - White Leghorn
  - Barred Rock
26. When brooding broiler chicks, what target temperature is more ideal at placement?
- 115
  - 90
  - 80
  - 75
27. What is one benefit of sex link traits to the commercial hatchery man?
- Decreased Feed Intake
  - Insures male poultry can find a mate
  - Make separation of chicks at hatch easier
  - None of the above
28. Which of the following is a unit of light used in the poultry industry?
- Foot Candle
  - Sun Equivalency Unit
  - PSI
  - Ohm
29. Which of following senses are highly developed in poultry?
- Smell
  - Sight
  - Touch
  - All of the above
30. What key factor determines when to light stimulate pullets to lay?
- Age
  - Body Weight
  - Hen Day Production
  - None of the Above

2018 Poultry CDE Exam KEY

1. C
2. C
3. D
4. C
5. A
6. C
7. A
8. B
9. D
10. C
11. B
12. A
13. D
14. B
15. A
16. A
17. D
18. C
19. D
20. D
21. D
22. D
23. B
24. B
25. B
26. B
27. C
28. A
29. B
30. B