

2009-2010 STATE FFA POULTRY EVALUATION KNOWLEDGE TEST

Contestant Number: _____ Name: _____

Chapter Name: _____ Score: _____

Directions: Read each question carefully and choose the best possible answer. If provided with Scantron sheets, bubble in the answer. Otherwise, write the answer in the blank to the left of each number. Each correct answer is worth two (2) points. The maximum score is 50.

- _____ 1. The likelihood that birds will live up to their genetic potential is determined during their:
- First two weeks of life.
 - First two months of life.
 - First sixteen weeks of life.
 - First month of life.
- _____ 2. What is the ventilation rate guideline for cage and floor raised birds?
- 1 CFM air flow per pound of bird live weight
 - 2 CFM air flow per pound of bird live weight
 - 3 CFM air flow per pound of bird live weight
 - 4 CFM air flow per pound of bird live weight
- _____ 3. When should permanent beak trimming be performed on chicks?
- 2-3 days of age
 - 5-6 days of age
 - 7-10 days of age
 - 11-14 days of age
- _____ 4. What percentage of replacement egg-type chickens are raised in cages?
- 20%
 - 30%
 - 40%
 - 50%
- _____ 5. What can be used as a drinking water sanitizer?
- Sulfur
 - Chlorine
 - Detergent
 - Malathion
- _____ 6. Pullets normally are transferred to laying cages at:
- 12 weeks of age.
 - 18 weeks of age.
 - 24 weeks of age.
 - 30 weeks of age

- _____ 7. The house temperature for cage brooding birds is reduced 4°F each week until the house temperature reaches:
- 70°F.
 - 75°F.
 - 80°F.
 - 85°F.
- _____ 8. Light stimulus is initiated when light enters the chicken's eye. From 0.5 to 1 fc, the pituitary releases LH and FSH which causes:
- Improved night vision.
 - Color recognition by the birds.
 - An increased appetite.
 - An increased growth of the ova.
- _____ 9. When is water consumption the highest for caged layers?
- Early morning
 - Noon
 - Mid-afternoon
 - Dusk
- _____ 10. An efficient worker riding a motorized cart can collect all the eggs from:
- 10,000 caged layers.
 - 20,000 caged layers.
 - 30,000 caged layers.
 - 40,000 caged layers.
- _____ 11. The amount of light emitted by a light source is a:
- Candela.
 - Lumen.
 - Foot-candle.
 - Watt.
- _____ 12. Decreased egg shell strength can be the result of:
- High air moisture level.
 - Environmental temperature too low.
 - Egg collection from young birds.
 - Poor lighting.
- _____ 13. Which artificial lighting source has a short bulb life and low light efficiency?
- Fluorescent
 - Incandescent
 - Mercury vapor
 - Metal halide
- _____ 14. In order to prevent dehydration and respiratory problems, maintain a relative humidity of:
- 5%-10%.
 - 11%-19%.
 - 20%-30%.
 - 40%-60%

- _____ 15. Body weight measurements taken during the growing period assist in preparing pullets of proper maturity level for the laying house. Weights are first taken when birds are:
- Two weeks of age.
 - Eight weeks of age.
 - Five weeks of age.
 - Twelve weeks of age.
- _____ 16. Beginning at 20 weeks, daily water consumption per 100 hens ranges from:
- 1.00-1.25 gallons.
 - 1.50-2.25 gallons.
 - 2.50-5.50 gallons
 - 5.75-7.50 gallons
- _____ 17. Delaying light stimulation will:
- Increase egg size.
 - Decrease egg size.
 - Decrease feed consumption.
 - Increase feed consumption.
- _____ 18. What is the slope per 100 linear feet for troughs for continuous running water?
- 1 inch
 - 2 inches
 - 3 inches
 - 4 inches
- _____ 19. When egg production reaches its peak, the protein content of the pullet's diet is at least:
- 10%.
 - 12.5%.
 - 15%.
 - 17.5%.
- _____ 20. Provide light stimulation only when the pullet weight reaches:
- 1.5 pounds.
 - 2.8 pounds.
 - 3.2 pounds.
 - 3.5 pounds.
- _____ 21. What percentage of all eggs laid are uncollectable?
- Up to 2%.
 - Up to 3%.
 - Up to 5%.
 - Up to 7%.
- _____ 22. Eggs that develop cracks while the eggs are in the uterus and then are repaired while still in the uterus are called:
- Body checks.
 - Oviposition eggs.
 - Uterine eggs.
 - Clutch eggs.

- _____ 23. Which cage type has all cages on one deck and connected to each other without walkways?
- a. Double deck cages.
 - b. Four or five deck cages.
 - c. Flat deck cages.
 - d. Triple deck cages.
- _____ 24. When floor brooding, the lighting for the first week, at a light intensity of 3 fc, should be:
- a. 8-10 hours.
 - b. 12-15 hours.
 - c. 16-19 hours.
 - d. 20-22 hours.
- _____ 25. Using high pressure sprayers and effective disinfectants help to eliminate:
- a. Insects.
 - b. Disease.
 - c. Predators.
 - d. Mice.

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ANSWER SHEET**All references: Poultry Science Manual**

<u>#</u>	<u>Answer</u>	<u>Reference</u>
1.	c	p. C-131
2.	a	p. C-135
3.	c	p. C-133
4.	d	p. C-132
5.	b	p. C-136
6.	b	p. C-137
7.	a	p. C-132
8.	d	p. C-140
9.	c	p. C-138
10.	c	p. C-141
11.	b	p. C-140
12.	a	p. C-141
13.	b	p. C-141
14.	d	p. C-132
15.	c	p. C-134
16.	c	p. C-138
17.	a	p. C-138
18.	c	p. C-138
19.	d	p. C-139
20.	b	p. C-140
21.	d	p. C-141
22.	a	p. C-142
23.	c	p. C-137
24.	d	p. C-133
25.	b	p. C-136