



## Applied Poultry Science Post-Test

1. Which of the following types of lighting devices is the most energy efficient and good for laying hens?
  - Incandescent Lamps
  - Compact Flurecent Lamps
  - Cold Cathode Lamps
  - LED Lamps
  - High or Low Pressure Sodium Lamps
  
2. How many hours of light (including artificial and sunlight) should a hen in lay be exposed to each day?
  - 23 hours
  - 20 hours
  - 16 hours
  - 10 hours
  - 8 hours
  
3. The color of a hen's earlobes indicated the color of the egg shell.
  - True
  - False
  
4. For what disease should all chickens be vaccinated against within 24 hours of hatching?
  - Infectious Bronchitis
  - Marek's Disease
  - Salmonella pullorum
  - Infectious bursal disease
  - Coccidiosis
  
5. What is the primary poultry disease for which the NPIP program was established to eradicate?
  - Avian Influenza
  - Mycoplasma gallispeticum

- Salmonella pullorum
- Coccidiosis
- Infectious Coryza

6. Define Heritage Breed.

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7. List the five production environments used in the egg industry today from the most extensive to least extensive.

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8. Which equipment is common to both the range and cage free systems only?

- Cages
- Roosts
- Nests
- Nipple drinkers
- Cage and Roosts
- Roosts and Nests
- Nests and Nipple drinkers

9. How many nests would be needed for a flock of 1,000 hens?

- 100
- 200
- 500
- 1,000

10. How many feet of roost space would be needed for 10,000 hens?

- 10,000
- 5,000
- 2,500
- 1,000

11. What is the most important poultry nutrient?

- Protein
- Energy
- Vitamins
- Water
- Energy

12. How much calcium should be in a laying hens' diet?

- 0.1%
- 1.0%
- 0.3%
- 3.0%
- None of the above

13. What is the most nutrient rich diet of the ones listed below?

- Pullet developer
- Pullet grower
- Pullet starter
- Layer mash
- Molting diet

14. What ingredients do we normally look to for energy in poultry diets? (click all that apply)

- Wheat
- Corn
- Soybean meal
- Fishmeal
- Oyster shell
- Tallow

15. What is the impact of air temperature on feed and water consumption?

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16. What are the nutritional differences between brown and white-shelled eggs?

- Brown eggs are higher in protein
- Brown eggs are higher in vitamins
- Brown eggs are lower in cholesterol
- All of the above
- None of the above

17. In terms of protein, how many eggs are equivalent to 1 ounce of meat?

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18. Which food is highest in lutein content on a per serving basis?

- Cooked kale
- Raw spinach
- One large egg
- One medium orange

19. All eggs sold as free-range are higher in omega-3 fatty acids.

- True
- False

20. Organically produced eggs are more nutritious than conventionally produced eggs.

- True
- False

Finish