

ANSWER KEY*

2009 National FFA Poultry Evaluation CDE Management Exam

1. b C-3
2. a C-4
3. c C-6
4. d C-7
5. d C-14
6. b C-18
7. b C-21
8. d C-22
9. a C-25 and C-27
10. b C-29
11. a C-34
12. d C-39
13. a C-40
14. b C-41
15. d C-46
16. d C-51
17. c C-53
18. a C-53
19. a C-58
20. a C-62
21. b C-70-71
22. d C-73
23. b C-75-77
24. c C-78
25. d C-81-83

26. d 7,200 pounds of litter (Poultry Waste Mgmt. Section)
 $8 \text{ tons} \times 2,000 \text{ pounds/ton} = 16,000 \text{ pounds} \times 45\% = 7,200 \text{ pounds}$

27. a 20,000 birds (Poultry Environmental Control Mgmt. Section)
 $6 \text{ fans} \times 10,000 \text{ cfm} = 60,000 \text{ total cfm} / 3.00 \text{ cfm per bird} = 20,000 \text{ birds}$

28. b 32% (Marketing Poultry Products Section)
 $21,875 \text{ birds} \times 4.00 \text{ pounds} = 87,500 \text{ total pounds of carcass WOG}$
 $(28,000 \text{ pound of breast meat} / 87,500 \text{ pounds of carcass WOG}) \times 100 = 32\%$

29. d 5.54 net gallons of water removed (Poultry Environmental Control Mgmt. Section)
 $105 - 33 = 72 \text{ grains per pound of air} \times 4,500 \text{ pounds of air} = 324,000 \text{ grains removed}$
 $324,000 \text{ grains of water} \times 1 \text{ pound water per } 7,000 \text{ grains} \times 1 \text{ gallon of water per } 8.35 \text{ pounds} = 5.54 \text{ net gallons of water removed.}$

30. c 4,250 pounds of feed (Production Segments of the Poultry Industry)
 $50 \text{ hens} \times 300 \text{ eggs/hen} = 15,000 \text{ eggs produced} / 12 = 1,250 \text{ dozen eggs produced}$
 $1,250 \text{ dozen eggs} \times 3.4 \text{ pounds of feed per dozen eggs} = 4,250 \text{ pounds of feed}$