

A N S W E R K E Y *

2008 National FFA Poultry Evaluation CDE Team Activity

1. A It takes 21 days for eggs to hatch and 7 weeks for birds to grow. Students had to note from the video that the county fair was September 12 – 13.
2. C Students should see from the video that there were 4 of the 6 eggs that candled dark (Page C 29).
3. B 45 fertile eggs out of 100 eggs
4. C There should be a minimum of 10 to 11 males per 100 hens (Page C 101).
5. B 40%, because 40 chicks hatched out of 100 eggs.
6. D Eggs washed in cold water are likely to pull bacteria in through the shell. Page C 84 indicates that hatching eggs should not be washed.
7. A (Page C 144)
8. B Students should observe from the video that all of the fresh eggs had large air cells. They should know from their egg grading skills that eggs with large air cells means the eggs were not fresh.
9. A Students should observe from the video that none of the eggs had any development by 7 days of incubation (Page C 29).
10. E (Page C 93)
11. B Eggs should lose 12% of the initial weight during the first 18 days of incubation (Page C 88). The video indicates that each egg weighed 60 grams and 18 days later weighed 55 grams. That calculates to 8.3% weight loss $[(60-55)/60 \times 100 = 8.3\%]$, which is not enough. This indicates that humidity was too high.
12. E Page C 113 indicates that splinters in hardwood wood shavings are likely to cause perforations of the gizzard.
13. D Xanthophylls are discussed on page C 146.
14. C It takes 2 pounds of feed per one pound of gain, so a 5-pound chicken needs 10 pounds of feed. Because the customer bought ten chicks, they need 100 pounds of feed total.
15. D The video indicates that 320 eggs hatched out of the 400 eggs; because the chicks sold for \$20 per 10 chicks, the answer is \$640 $[(320/10 \times 20 = \$640)]$.