

**2009 National FFA
Poultry Evaluation CDE Team Activity**

Watch the short video carefully. You may need to take notes during the video. Then answer the fifteen multiple questions over the video after you have discussed them with your team. Make sure that team member “1” records the answers onto the scantron.

1. Billy had to identify some external parts. Which of the following is the correct identification for parts 1, 2 and 3?

<u>Part 1</u>	<u>Part 2</u>	<u>Part 3</u>
a. Ankle	Sickle	Hackle
b. Hock	Hackle	Wattle
c. Shank	Neck	Throat
d. Drumstick	Wattle	Sickle
e. Leg	Throat	Neck

2. Billy had to identify some parts of the skeleton. Which of the following is the correct identification for parts 4 and 5?

<u>Part 4</u>	<u>Part 5</u>
a. Clavicle	Drumette
b. Femur	Radius
c. Scapula	Fibula
d. Sternum	Humerus
e. Patella	Ulna

3. Billy had to identify parts of the skeleton. Which of the following is the correct identification for the two sections of part 6?

- a. Maxilla (top) and Mandible (bottom)
- b. Maxilla (bottom) and Mandible (top)
- c. Clavicle (top) and Scapula (bottom)
- d. Scapula (bottom) and Clavicle (top)
- e. Beak and Bill

4. Billy had to identify internal parts. Which of the following is the correct identification for parts 7 and 8?

<u>Part 7</u>	<u>Part 8</u>
a. Gizzard	Jejunum
b. Liver	Cecum
c. Spleen	Gizzard
d. Kidney	Duodenum
e. Cecum	Proventriculus

5. Billy had to identify an internal part and the organ that is associated with it. Which of the following is the correct identification for part 9 and the associated organ?

<u>Part 9</u>	<u>Associated Organ</u>
a. Colon	Bursa
b. Proventriculus	Ovary
c. Spleen	Thyroid
d. Duodenum	Pancreas
e. Cecum	Yolk Sac

6. Billy had to identify internal parts. Which of the following is the correct identification for part 10?

- a. Ovary
- b. Magnum
- c. Isthmus
- d. Uterus
- e. Infundibulum

7. After Billy was asked to identify part 10 (above), he was asked what hormone was most responsible for growth and maturation of that part, and what environmental factor most affected growth and maturation of that part. Which of the following correctly identifies the hormone and environmental factor most responsible for growth and maturation of part 10?

<u>Hormone</u>	<u>Environmental Factor</u>
a. Luteinizing hormone	Temperature
b. Thyroxine	Photoperiod
c. Prolactin	Temperature
d. Follicle Stimulating hormone	Photoperiod
e. Oxytocin	Day length

8. When the vet started to show Billy the first bird, he smiled and asked Billy what the bird's scientific name was. Billy was glad he had looked at that page in the manual and quickly answered

- a. *Meleagris gallapavo*
- b. *Colinus virginianus*
- c. *Anas platyrhynchos*
- d. *Gallus gallus*
- e. *Barred Plymouth Rock*

9. The disease that they observed in the big white cockerel was probably:

- a. Mycoplasmosis (MG)
- b. Infectious synovitis
- c. Marek's Disease
- d. Botulism
- e. Bumblefoot

10. At the next farm they visited there had been a lot of mortality. The vet asked Billy to calculate the per cent mortality for the flock in the past 10 days. Billy pulled out his cell phone and correctly calculated

- a. 6%
- b. 12%
- c. 60%
- d. 75%
- e. 88%

11. The vet asked Billy to identify the disease on that farm (referenced in question 10), and to identify the cause, based on the droppings and the appearance of the intestines. Billy correctly answered

<u>Disease</u>	<u>Cause</u>
a. Pullorum	Bacteria
b. Histomoniasis	Virus
c. Coccidiosis	Protozoan
d. Histomoniasis	Protozoan
e. Worms	Tapeworms

12. Which of the following is the viral disease that was most likely found in the limping Barred Rock pullet?

- a. Mycoplasmosis (MG)
- b. Infectious synovitis
- c. Marek's Disease
- d. Staphylococci arthritis
- e. Bumblefoot

13. When processing poultry, which of the following parts, identified during the early portion of the video, would NOT be completely removed and separated from the bird prior to USDA inspection?

- a. Part 2
- b. Part 3
- c. Part 6
- d. Part 7
- e. All of the above parts are removed prior to USDA inspection

14. Removal of part 1 (shown during the early portion of the video) during processing could result in which of the following grades? What could be the grade if part 5 were also removed?

Part 1 removed

Parts 1 and 5 removed

- | | |
|-------------------------------------|---------|
| a. Grade A | Grade B |
| b. Grade A | Grade C |
| c. Grade B | Grade B |
| d. Grade B | Grade A |
| e. Answers A and C are both correct | |

15. Billy knew that poultry products are important sources of protein for American consumers. He had read in his poultry science manual that the latest annual average per capita consumption was 103 pounds. How many pounds does that mean the average PERSON consumed during the year?

- a. 1.0
- b. 10.3
- c. 51.5
- d. 103
- e. 1030