

**2010 New York State Senior 4-H Horse Bowl
Round 7**

5. C1 Q. The digital cushion fills the area between the frog and what tendon?

A. The deep digital flexor tendon

S. Kainer plate 27 480/3

6. C2 Q. How many pounds of manure can a 1000 pound horse generate in one day?

A. 45 to 50 pounds (accept any answer in this range)

S. HIH 360-2 920/3

7. C3 Q. Why are fats and carbohydrates more desirable than protein as energy sources, especially in the warmer months of the year?

A. Fats and carbohydrates produce less heat when turned into energy (less chance of heat exhaustion)

S. ES p. 118 710/4

8. C4 Q. What is micturition?

A. Urination

S. Evans p. 119 470/4

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9. C1 Q. In regards to supporting leg interference, what do the terms “brushing” and “striking” describe?
- A. The severity of the interference (brushing is slight contact and striking results in an open wound)
- S. Evans p. 179 640/4
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10. C2 Q. How did the “doghouse” stirrup get its name?
- A. It is the old, wide wooden stirrup and got its name because “it had enough wood in it to build a dog house”
- S. DET p. 83 1000/4
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11. C3 Q. Laryngeal hemiplegia or roaring occurs when the larynx does not fully open on inspiration. What type of anatomic structure is damaged to create this condition?
- A. Nerve to the larynx (also accept nerve or recurrent laryngeal nerve)
- S. Evans p. 608; HIH 810-3 820/3
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12. C4 Q. What is the term for the musical freestyle performance in dressage?
- A. Kur
- S. DET p. 162 1090/4

End One-On-One

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Toss Up – Bonus Attached

24. Q. Most gaits are symmetrical, indicating that the limb coordination patterns on one side are repeated on the other side half a stride later. Identify the **two** gaits in the horse that are “asymmetrical”.

A. Canter/lope and gallop

S. Evans p. 172

640/3

Bonus Question

25. Q. (Bonus) Correctly identify **four** cranial nerves by the following descriptions.

Nerve responsible for the sense of smell

Nerve with three sensory branches to the face, tongue and teeth

Nerve responsible for vision

Nerve responsible for motor function to the face

A. Olfactory nerve (smell)

Trigeminal nerve (face, tongue, teeth)

Optic (vision)

Facial (facial motor)

S. Kainer plate 78

420/5

Resume Open Questions

26. Q. Although this is probably more commonly known as a slang term for a favorite type of soda, this is also the Spanish term for roping classes. What is this term?

A. Colas

S. DET p. 61

1060/4

