

**2006 Eastern National 4-H Horse Bowl
Round One**

- 5 C1 Q. Osselets is the term for an inflammation of the periosteum on the anterior surface of what joint?
- A. Fetlock
- S. Evans pg 161, Lewis pg 398 810/2
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- 6 C2 Q. The sole of the hoof is flatter on which pair of feet – front or rear?
- A. Front
- S. YLM – 321-2 410/2
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- 7 C3 Q. Are **most** poisonous plants “more” or “less” toxic as the plant matures?
- A. Less toxic
- S. Lewis pg. 303-3698 770/3
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- 8 C4 Q. What feed additive is commonly used to reduce dust and increase palatability of a feed?
- A. Molasses
- S. HIH 760-7 700/2

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|-------|----|--|-------|
| 9 C1 | Q. | What category of muscle is found in all of the following systems – Digestive, respiratory, circulatory, integument and urogenital | |
| | A. | Smooth muscle | |
| | S. | HIH 840-1 | 410/3 |
| 10 C2 | Q | Standing in urine and wet manure will cause a breakdown of the waxy-like waterproof covering of the hoof. What is the proper name for this covering? | |
| | A. | Periople | |
| | S. | Lewis pg 178 | 415/3 |
| 11 C3 | Q. | What is the proper name for the joint located between the femur and the tibia? | |
| | A. | Stifle | |
| | S. | Evans pg 91 | 410/2 |
| 12 C4 | Q. | Parrot mouth or overshot jaw is a conformation defect involving what bone? | |
| | A. | Mandible | |
| | S. | Evans pg 144 | 620/2 |

End One-On-One

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Resume Open Questions

- 17 Q. Horses are at greatest risk for plant poisoning under what environmental conditions?
- A. When pastures are overgrazed and noxious weeds are able to proliferate, often due to poor pasture management or drought.
- S. Lewis pg 301 770/3
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- 18 Q. What structure of the hoof am I? I am arched in shape, I provide some weight support, I flatten slightly to help absorb concussion, but my primary function is protection.
- A. The sole of the hoof
- S. HIH 505-2, 4 415/2
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- 19 Q. How many pounds of manure does a 1000 pound horse produce per day?
- A. 45 – 50 pounds
- S. HIH 360-2 920/2

Toss Up – Bonus Attached

- 20 Q. (Two Part) When considering vision, where are the horse's two blind spots?
- A. Directly to the rear, behind its hindquarters
 Directly below the head, or directly in front
- S. HIH 1220-1 420/2

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Bonus

- 21 Q. (Bonus question) There are four types of hock Spavin. Name them.
- A. Blind/Occult Blood spavin
Bog spavin Bone/True/Jack spavin
- S. Lewis pg 404 810/3

Resume Open Questions

- 22 Q. What breed is being described – this draft breed is a descendant of the medieval charger breed, its color is all shades of chestnut, and it originated in Suffolk County, England.
- A. Suffolk Punch
- S. DET pg 259 200/2
- 23 Q. Thoroughpin is a soft, fluid-filled enlargement of the outside of the joint that can be pushed freely from the outside to the inside surface of the joint by palpation. What joint is it found in?
- A. The hock
- S. Evans pg 165, Lewis pg 406 640/3
- 24 Q. In case of an emergency what two pieces of equipment should be outside every horse's stall?
- A. Halter and lead
- S. Evans pg 822 900/2

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- 25 Q. Orphan foals have a very high dietary energy requirement and should be fed how often during the first 1 – 2 weeks of life?
- A. Every 2 to 4 hours
- S. Kainer plate 69, Lewis pg 275 500/3

Toss Up – Bonus Attached

- 26 Q. (Two part) The bones and the teeth contain the majority of what two minerals found in the horses body?
- A. Calcium and phosphorus
- S. Lewis pg 20 750/2

Bonus

- 27 Q. (Bonus question) Name four different types of grass forage
- | | | | |
|----|---------------------|---------------|---------------|
| A. | Bermuda Grass | Reed Grass | Wheat Grasses |
| | Canary (reed) Grass | Bluegrass | Digit Grasses |
| | Sudan Grass | Brome Grass | Redtop |
| | Tall Fescue | Orchard Grass | Bahia Grasses |
| | Timothy | Rye Grass | Johnson Grass |
| | Sorghum | Sudex | Millet |
- S. YLM 102-1, Lewis pg 109-110 780/3

Resume Open Questions

- 28 Q. What color hair mixes with white hairs in a strawberry roan?
- A. Chestnut
- S. Evans pg 81 300/2

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29 Q. Thrush is a black, strong smelling infection of the hoof that causes destruction of the frog. Is it caused by aerobic or anaerobic bacteria?

A. Anaerobic bacteria

S. YLM 334-1 815/2

30. Q. A horse's body fat can be estimated using what method of evaluation?

A. Body condition scoring

S. HIH 720-3 710/2

31 Q. When driving a horseshoe nail, the nail is started with the flat of the nail oriented in what direction?

A. The flat side is oriented to the outside.

S. Evans pg 745 900/3

Last Question of the Round

32 Q. How old would a horse be with all adult teeth present and Galvayne's groove beginning to show at the gum margin of the upper corner incisor?

A. 10 years old (accept range of 9 to 10 years old-DET pg 117)

S. YLM 205-2, HIH 240-4, DET pg 117 430/3