

**2007 Eastern National 4-H Horse Bowl
Round Two**

5. C1 Q. What is the term for a horse that is lying down close to a wall or fence in such a way that its legs are trapped and it is unable to get up without assistance?
- A. Cast (casted)
- S. DET 51 920/3
6. C2 Q. What is the common term used to describe the physis?
- A. Growth plate
- S. Kainer plate 13 410/3
7. C3 Q. In regards to barn management, what is the key to successful control of flies and other external parasites of the horse?
- A. Good sanitation (also accept good management and control of manure.
- S. HIH 415-3 865/3
8. C4 Q. What is defined as the distance between successive imprints of the same foot?
- A. Stride (also accept stride length)
- S. Lewis 405, Evans 169 640/1

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9. C1 Q. Most foals are born during what part of the day?
A. During the night.
S. YLM 112-2L 530/1
10. C2 Q. What is the term used to describe the reproductive habits of a mare when she undergoes multiple estrous cycles only during a specific portion of the year?
A. Seasonally polyestrous (need to provide both words)
S. HIH 910-5, Lewis 235 510/2
11. C3 Q. What term is used to describe a dark chocolate shade of the color chestnut?
A. Black or liver chestnut
S. Evans 80 300/2
12. C4 Q. Which gait is faster, the trot or the pace?
A. Pace
S. Evans 175 640/2

End One-On-One

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Begin Open Questions

13. Q. Name this unsoundness. This condition involves the cartilage structures of the horse. It may cause lameness initially, but once fully calcified the horse generally becomes serviceably sound. The condition may cause contracted heels in a younger horse. The lateral cartilages are calcified usually resulting from injuries.
- A. Sidebone
- S. HIH 230-4, Evans 160 620/3
14. Q. What is the proper term for the behavior category that involves the giving of care and attention between the mare and the foal?
- A. Epimeletic (not et-epimeletic-signally for care or attention)
- S. Evans 675 910/3

Toss Up – Bonus Attached

15. Q. What are the names of the first and second cervical vertebrae of the horse?
- A. 1st cervical vertebra – Atlas
2nd cervical vertebra – Axis
(Do not accept the Yes and No bones – describes the joint, not the bones)
- S. DET 17, 19 410/2

Bonus Question

16. Q. When you are cleaning and picking out your horse's hoof, name four things that you would inspect the foot for.
- A. Abnormal Growth Loose Shoes (if shod)
Bruises Loose/Missing Nails
Diseases (thrush/white line) Puncture Wounds
Uneven Wear Lodged debris (dirt, rocks)
General condition of hoof wall (cracks, splits, dry)
- S. Evans 70 900/3

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Resume Open Questions

17. Q. Name the pony described by the following characteristics – mottled skin around muzzle, eyes and genitals area; white sclera encircling the eyes; striped hooves and one of seven approved coat patterns.
- A. Pony of the Americas – POA
- S. YLM 110-3L 200/3
18. Q. What is a double-rigged saddle?
- A. Saddle with 2 cinches
- S. DET 84 1000/2
19. Q. Other than their predominant chestnut color, what other cosmetic feature differentiates the Suffolk from the other two British draft breeds of horse?
- A. The Suffolk has no feathers on its legs
- S. Evans 73 200/2

Toss Up – Bonus Attached

20. Q. The cervix is a highly distensible muscle that serves as a barrier between what two structures in the mare's reproductive tract?
- A. The vagina and the uterus (uterine body)
- S. HIH 910-1, YLM 326-1L 510/2

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Bonus Question

21. Q. Name the 6 joints of the forelimb from proximal to distal.
- A. Shoulder, elbow, knee (carpus), fetlock (ankle), pastern and coffin
- S. Evans 91, Kainer plate 110, 11, 12 410/1

Resume Open Questions

22. Q. What is a combination horse?
- A. A horse that can be ridden or driven in harness
- S. DET 62 1050/2
23. Q. A young horse 8 months of age would have 24 deciduous teeth. What type of teeth does the young horse not have, that it will develop later as permanent teeth?
- A. Molars (also accept canines)
- S. HIH 240-2 430/2
24. Q. Which mineral aids in muscular activity, blood clotting, enzyme activation, and bone formation?
- A. Calcium
- S. DET 45, Lewis 20 750/2

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25. Q. Calks and studs are devices added to horseshoes for what purpose?
- A. Increase traction
- S. YLM 231-2 900/2

Toss Up – Bonus Attached

26. Two part Q. What color is the result of a double dilution of bay and what two colors are the results of a single dilution?
- A. Single dilution Dun and Buckskin, double dilution perlino
- S. Evans 81 300/2

Bonus Question

27. Q. Horses that are kept in stalls for any length of time depend on a good floor in the stall for comfort and safety. What are four factors you would look for in choosing a flooring material for your horse?
- A. Durable Non-Slip Absorbent
Easy to Clean Resistant to pawing Expense
Amount of bedding required Availability
(do not accept factors for bedding – question is about flooring)
- S. YLM 107-2L 920/3

Resume Open Questions

28. Q. What are the first parts of the foal to appear in a normal presentation during parturition?
- A. Front feet or hoof of the forelimb
- S. Kainer plate 73, HIH 940-4 510/2

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29. Q. You do not have a crossbuck or Decker saddle available, but want to do packing. What other commonly available saddle could you use with some modifications?
- A. Stock saddle (do not accept McClellan saddle – it is not commonly available)
- S. YLM 118-1L 1020/3
30. Q. When fluorescein dye is applied to the surface of the eye it will indicate any damaged areas to what structure of the eye?
- A. Cornea
- S. DET 110 820/3
31. Q. What is the correct term for eliminating pain from an injured part of the body by cutting a nerve?
- A. Nerving or neurectomy
- S. DET 190 420/2

Last Question of the Round

32. Q. A heart bar shoe would be used temporarily to treat a hoof problem where you want to transfer the weight from the hoof wall to what structure of the hoof?
- A. Frog
- S. HIH 515-4 900/2