

**2011 New York State 4-H Senior Horse Bowl  
Round 9**

**One-On-One**

1. C1     Q. It is rare that a horse is poisoned by a single mouthful of a toxic plant. Name one of the two plants that are considered to be the exception to this rule.  
  
          A. Water hemlock or yew  
  
          S. Lewis p. 301
  
2. C2     Q. Appaloosas are most commonly associated with what type of visual impairment?  
  
          A. Equine Night Blindness  
  
          S. ES p.100
  
3. C3     Q. How much milk can an average-sized mare produce daily?  
  
          A.     9-11 quarts (any answer within the range)  
  
          S.     Kainer plate 69
  
4. C4     Q. What is the name of the event where the horse and rider separate one cow from the others and block its efforts to return to the herd?  
  
          A. Cutting  
  
          S. DET p. 75

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5. C1 Q. The mare was not vaccinated before she foaled. What vaccine should the foal receive at birth?
- A. Tetanus antitoxin (will accept tetanus)
- S. HIH 950-10
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6. C2 Q. Grass should be harvested no later than what stage of growth to get the highest quality hay?
- A. Boot stage
- S. Lewis p. 69
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7. C3 Q. There are many different types of horse shoe nails including city, regular and countersunk. Which of these nails are most often used for handmade shoes and foreign-made shoes?
- A. Countersunk
- S. YLM INT 231-4L
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8. C4 Q. What is the term used for any mark or deformity that diminishes the beauty of the horse but does not affect its serviceability?
- A. Blemish
- S. DET p. 30

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9. C1 Q. What is the infection of the frog area of the foot caused by anaerobic microorganisms and has a foul, blackish discharge?
- A. Thrush
- S. Evans p. 167
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10. C2 Q. How many joints are in the foreleg of the horse?
- A. Six
- S. Evans p. 98
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11. C3 Q. What is the process in which a hot, heavily exercised horse is made to move around quietly until the horse is neither hot to touch nor breathing hard?
- A. Cooling out
- S. DET p. 68
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12. C4 Q. What is the term for the habit of biting or setting teeth against the fence or some other object while sucking air?
- A. Cribbing (also accept Windsucking)
- S. DET p. 72

**End One-On-One**

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**Begin Open Questions**

13. Q. What is a neonate?  
A. A newborn foal  
S. DET p. 189
14. Q. What is the infection affecting the hair follicles and skin on the heel and back of the pastern?  
A. Grease heels (scratches, mud fever)  
S. Lewis p. 391
15. Q. What is the term for an undesirable or useless behavior that becomes a persistent, repetitive bad habit?  
A. A vice  
S. Lewis p. 408
16. Q. Linden Tree, Leopard, and Max are foundation sires for this breed of horse which, because of its color, is often mistaken for an Appaloosa. Identify this breed.  
A. Rangerbred Horse  
S. Evans p. 58

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**Toss Up – Bonus Attached**

17. Q. How many vertebrae are in the thoracic and lumbar regions of the spinal column?
- A. Thoracic- 18  
Lumbar- 6
- S. Kainer plate 7

**Bonus Question**

18. Q. (Bonus) For the purpose of mare management, the mares are classified into five categories. Name those categories.
- A. Pregnant; open; barren; maiden; wet
- S. HIH 940-1

**Resume Open Questions**

19. Q. Why is it advised to treat a newborn foal's naval stump in an iodine solution?
- A. Prevent infection (naval stump is a major sight for bacterial invasion into the body)
- S. HIH 950-1

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20. Q. What is the only draft breed recognized as a breed that originated in the United States?
- A. The American Cream Draft Horse (also accept Cream Draft Horse or American Cream) (do not accept Cream Horse or American Cream Horse as these terms refer to a color breed and not specifically a draft horse)
- S. HIH 155B-1; DET p.8
21. Q. What is the highest point of the horse's shoulders between the neck and back?
- A. Withers
- S. DET p. 294
22. Q. What is the outside opening of a mare's reproductive tract?
- A. Vulva
- S. DET p. 285
23. Q. An Anglo-Arabian is a horse with a pedigree that shows no other strain of blood other than Arabian and what other breed?
- A. Thoroughbred
- S. DET p. 11

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**Toss Up – Bonus Attached**

24. Q. In regards to pasture management, identify two circumstances when you should keep horses off the pasture?
- A. During pesticide spraying and fertilizing  
To reduce overgrazing  
When there is fresh and lush pasture  
During the winter  
When soils are wet
- S. HIH 360-3,4

**Bonus Question**

25. Q. (Bonus) Name six of the joints of the hind limb of the horse.
- A. Sacroiliac; hip; stifle; hock; fetlock; pastern; coffin
- S. Evans p. 98

**Resume Open Questions**

26. Q. What is the main function of the large colon?
- A. Water absorption
- S. ES p. 113

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27. Q. What is the common term for the swelling of a horse's lower leg with edema and is usually corrected by mild exercise?
- A. Stocked up
- S. Evans p. 113
28. Q. You are building a horse barn, what is the suggested minimum height for the ceiling in the stalls?
- A. 8 feet high
- S. Evans p. 778
29. Q. What is the condition associated with a horse returning back to work after a period of rest during which feed has not been reduced and is characterized by painful movement and tying up?
- A. Monday morning sickness (azoturia)
- S. DET p. 19, 181

**Last Question of the Round**

30. Q. What is the name for the rodeo event in which the team is heading and healing?
- A. Team roping
- S. DET p. 263