One-On-One

1. C1  Q. Which breed has had the most influence in the development of light horse breeds in America?
   A. Thoroughbred (also accept Arabian as correct answer since the Thoroughbred was developed primarily from the Arabian)
   S. Evans p. 17  200/3

2. C2  Q. What is the primary difference between a horse with a roan coat and a horse with a gray coat?
   A. A roan horse’s coat does not change over time (proportion of white hairs is the same at birth and each successive coat); gray will become lighter (more white hairs with each successive coat)
   S. ES p. 38; Evans p. 81  300/2

3. C3  Q. What term refers to a mature female horse that has never been bred?
   A. Maiden mare
   S. DET p. 174  510/2

4. C4  Q. What 4 beat gait is the slowest gait and is common to all breeds of horses?
   A. Walk
   S. ES p. 70  640/2
5. C1  Q. What is the common term for Equine Periodic Ophthalmia?
   A. Moon Blindness
   S. Evans p. 521  825/3

6. C2  Q. Sun-cured hay is a good source of what vitamin?
   A. Vitamin D
   S. Evans p. 260  740/2

7. C3  Q. What type of bit is considered to be the most severe western curb bit?
   A. Spade bit
   S. HIH 1100-10  1000/3

8. C4  Q. What is the slang term for the medication phenylbutazone?
   A. Bute
   S. DET p. 43  805/2
9. C1 Q. What is the purpose of adding stickers or “mud calks” to the heel of a racing plate?
A. To increase traction on a muddy race track (accept to increase traction)
S. Evans p. 735 900/2

10. C2 Q. What is the common term for the ossification of the lateral cartilages of the distal phalanx?
A. Sidebones
S. Kainer plate 12 620/2

11. C3 Q. In a ranch operation, what is the purpose of a boundary rider?
A. To ride the fences of the property and repair any problems
S. DET p. 36 920/3

12. C4 Q. What is the name for the winged horse of Greek mythology?
A. Pegasus
S. DET p. 207 100/2

End One-On-
Begin Open Questions

13. Q. Giving the horse more selenium, vitamin E and reducing grain intake on days the horse is idle are nutritional preventatives for what metabolic disorder in horses?

   A. Tying up (also accept Recurrent Exertional rhabdomyolysis, Monday morning sickness, Azoturia)

   S. Evans p. 306  700/3

14. Q. What is the common term for the 1st premolar teeth?

   A. Wolf teeth

   S. Kainer plate 49  435/2

15. Q. You are the veterinarian treating a horse with West Nile Encephalitis. The horse’s owner is concerned and wants to know why you are not treating the horse with an antibiotic. Explain why.

   A. West Nile is caused by a virus and antibiotics are used to treat bacterial diseases

   S. HIH 665-2; DET p. 12  805/3

16. Q. What type of internal parasite causes “summer sores”?

   A. Stomach worm (also accept Habronema)

   S. Lewis p. 158  835/2
2012 New York State Senior 4-H Horse Bowl
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Toss Up – Bonus Attached

17. Q. (Two Part) What is the recommendation for the minimum height for a perimeter fence and the minimum height for a fence used to divide pastures?

A. 5 feet (60 inches) (perimeter); 4 ½ feet (54 inches) (divider)

S. Evans p. 760; HIH 350-1 920/3

Bonus Question

18. Q. (Bonus) Identify four advantages of having a “Dutch” or open top exterior door for each horse stall.

A. Improves stable ventilation (better air quality)
   More light
   Permits horse to put head out into fresh air
   Decreases respiratory diseases
   Helps alleviate boredom/stable vices
   Provides a fire exit

S. Lewis p. 181 920/3

Resume Open Questions

19. Q. What term refers to a wild Australian horse?

A. Brumby

S. DET p. 41 200/3
2012 New York State Senior 4-H Horse Bowl
Round 1

20. Q. What is another name for a dorsal stripe?
   
   A. Back stripe, line back or eel stripe
   
   S. ES p. 38 310/2

21. Q. You are judging a cutting horse competition. It is important to remember when calculating the final scores that each entry begins with what score?
   
   A. 70 points
   
   S. HIH 180D-1 1010/2

22. Q. There are three parts of the small intestine. Which of these parts is the most distal portion?
   
   A. Ileum
   
   S. Kainer plate 51 430/3

23. Q. Which current horse breed was originally known as the Kentucky Saddler?
   
   A. American Saddlebred
   
   S. Evans p. 38 200/3
2012 New York State Senior 4-H Horse Bowl
Round 1

Toss Up – Bonus Attached

24. Q. What are the two **most** common sources of calcium and phosphorus in horse feeds?
   
   A. Dicalcium phosphate and steamed bone meal
   
   S. YLM ADV 202-2L 750/3

Bonus Question

25. Q. (Bonus) In addition to a hoof pick, what are the **three** basic tools used by a farrier when trimming the feet?
   
   A. Hoof knife (farrier’s knife), rasp and hoof nippers (nippers)
   
   S. Evans p. 722, 725 900/3

Resume Open Questions

26. Q. What does the term Indian broke indicate?
   
   A. The horse is trained to allow mounting from the off side (also accept trained to allow mounting from both sides)
   
   S. DET p. 151 980/2

27. Q. You do the math….A horse that is 66 inches tall would be considered to be how many hands tall?
   
   A. 16.2 hands tall
   
   S. Evans p. 139 400/2
28. Q. Describe a unicorn hitch.
   
   A. Two horses hitched as a pair with a third in front of them
      (also accept pair of wheel horses with a single lead horse)

   S. DET p. 279 1050/2

29. Q. What is the total number of bones in the skeleton of the horse?
   
   A. 205

   S. Evans p. 90 410/2

**Last Question of the Round**

30. Q. What gait defect is seen in pigeon-toed horses?

   A. Paddling or winging out

   S. Evans p. 181; DET p. 201 640/2