

**2012 New York State Senior 4-H Horse Bowl
Round 1**

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
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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
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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
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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

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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

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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
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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
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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
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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-

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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
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14. Q. What is the common term for the 1st premolar teeth?
- A. Wolf teeth
- S. Kainer plate 49 435/2
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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
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16. Q. What type of internal parasite causes "summer sores"?
- A. Stomach worm (also accept Habronema)
- S. Lewis p. 158 835/2

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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

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20. Q. What is another name for a dorsal stripe?
- A. Back stripe, line back or eel stripe
- S. ES p. 38 310/2
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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
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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
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23. Q. Which current horse breed was originally known as the Kentucky Saddler?
- A. American Saddlebred
- S. Evans p. 38 200/3

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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

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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