

**2012 New York State Senior 4-H Horse Bowl
Round 2**

One-On-One

1. C1 Q. What common term refers to the secretion produced by the lacrimal glands?
- A. Tears
- S. Kainer plate 45 425/2
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2. C2 Q. What term describes a gray horse with a basic body color of black?
- A. Blue or steel gray
- S. Evans p. 81 300/2
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3. C3 Q. What term refers to paired alleles of a gene that are **not** identical?
- A. Heterozygous
- S. Evans p. 451 550/2
-
4. C4 Q. How does a horse reposition their head to better visualize objects that are far away?
- A. The horse lowers their head
- S. HIH 1220-1 425/3

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5. C1 Q. Perlino is the result of a double dilution of what color?

A. Bay

S. Evans p. 474 300/3

6. C2 Q. You just found out that a young foal in your barn has white muscle disease. What vitamin deficiency is the most likely nutritional cause?

A. Vitamin E deficiency

S. ES p. 124 740/3

7. C3 Q. What is the best and simplest way to control blood loss or hemorrhage from a wound?

A. Apply a pressure bandage (also accept apply direct pressure)

S. Evans p. 609 400/2

8. C4 Q. The chestnut horse you recently purchased at an auction has a brand that is white in color. Would the brand most likely be a hot brand or a freeze brand?

A. Freeze brand

S. Evans p. 809 310/3

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9. C1 Q. The genetic disorder Equine Night Blindness primarily affects which horse breed?
- A. Appaloosa
- S. ES p. 100 550/2
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10. C2 Q. What mammal is considered to be the **primary** source of rabies in horses?
- A. Skunks
- S. HIH 680-1 820/3
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11. C3 Q. “Ridgeling” is a slang term for what condition in the stallion?
- A. Cryptorchid (one or both testes are retained within the abdominal cavity or inguinal canal, not descended into the scrotum)
- S. Kainer plate 76 500/3
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12. C4 Q. What is the **minimum** width for a gate that will be used to move equipment such as a tractor in and out of a pasture?
- A. Minimum of 12 feet wide
- S. Evans p. 771 920/3

End One-On-One

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Begin Open Questions

13. Q. Toxicity of what mineral results in “Big head disease” or hyperparathyroidism?
- A. Phosphorus
- S. ES p. 135 750/3
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14. Q. Black Allan is the foundation sire for which horse breed?
- A. Tennessee Walking Horse
- S. Evans p. 40 200/2
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15. Q. You are the barn manager at a Quarter Horse breeding farm and note that one of the pregnant broodmares has wax-like secretions on the end of the teats. How soon would you expect this mare to foal?
- A. Accept anything within range of 1 to 6 days
- S. Lewis p. 244; Evans p. 417; HIH 940-3 510/3
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16. Q. What type of bedding is preferred for foaling stalls?
- A. Straw
- S. HIH 940-3 500/2

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Toss Up – Bonus Attached

17. Q. (Two Part) What are the **three** roan colors and the base coat color associated with **each** of the colors?
- A. Blue roan (black); Red roan (Bay); Strawberry roan (chestnut)
- S. ES p. 47 300/2

Bonus Question

18. Q. (Bonus) Identify **four** areas of the horse that would be visually appraised and palpated when determining a body condition score.
- A. Along the top side of the neck Over the rib cage
In the crease down the back (topline) Along the withers
In the area adjacent to the tail head Over the hip and pin bones
Behind the shoulder/over the point of the shoulder
- S. HIH 720-3, 720-4 800/3

Resume Open Questions

19. Q. Mosquitoes are considered to be the vector for transmission of West Nile Virus encephalitis. What is considered to be the **primary** reservoir host that infects mosquitoes with this disease?
- A. Birds (especially crows, blue jays and raptors such as owls and hawks)
- S. HIH 665-1 820/3
20. Q. What is the common term for the apocrine tubular glands?
- A. Sweat glands
- S. Kainer plate 5 460/3

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21. Q. What part of the bridle keeps the crown piece from slipping forward over the ears and off the head?
- A. Throatlatch
- S. HIH 1100-6 1000/2
-
22. Q. What are you doing if you are “bulldogging”?
- A. Steer wrestling
- S. DET p. 43 1060/
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23. Q. Your horse has bones that are softened, bent and bowed out and has been diagnosed with rickets. This problem could be prevented in the future by feeding more of which vitamin?
- A. Vitamin D
- S. ES p. 124 740/2

Toss Up – Bonus Attached

- 24 . Q. Give **two** advantages of the elevated inside rim on a polo shoe.
- A. Increases traction, prevents sliding, enables foot to roll over faster, allows horse to pivot on the shoe while maintaining toe grip regardless of where the foot breaks over
- S. Evans p. 737 900/3

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Bonus Question

25.Q. (Bonus) **Other than dental changes**, identify **three** normal signs of aging that would be observed in the physical appearance of horses.

A. Drooping lower lip Deep hollows above the eyes
 Sway back Graying hair

S. HIH 450-1, 450-6 400/3

Resume Open Questions

26. Q. What is the most common topical medication used to control bleeding wounds?

A. Silver nitrate

S. HIH 440-2 805/3

27. Q. Aniridia is a genetic disorder in which the iris of the eye is absent. This occurs primarily in which horse breed?

A. Belgian

S. ES p. 100 550/3

28. Q. What conformation defect is described by the term “wasp-waisted”?

A. Weak coupling or shallow in the flank

S. Evans p. 152 600/3

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29. Q. What is the common name for the dominance hierarchy exhibited by a group of horses?
- A. Pecking order
- S. DET p. 207 910/2

Last Question of the Round

30. Q. What is the name of the horse that was assigned the first permanent registration number in the AQHA?
- A. Wimpy P-1 (also accept Wimpy)
- S. Evans p. 27 100/3