

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

One-On-One

1. C1 Q. A cooler is a light blanket that assist in the drying off period after a workout while not allowing the horse to catch cold. Name a fabric that a cooler is made of.

 A. Wool or polar fleece

 S. HIH 1100-16

2. C2 Q. What color skin does a gray-colored horse have?

 A. Dark colored (black)

 S. ES p. 45

3. C3 Q. When paired genes within the horse are identical, is the horse said to have heterozygous or homozygous gene pairs?

 A. Homozygous

 S. Evans p. 451

4. C4 Q. Horses have two types of vision. Name one type.

 A. Monocular vision
 Binocular vision

 S. ES p. 56

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5. C1 Q. What color points does a perlino colored horse have?
A. Rust (accept chestnut, sorrel, red)
S. Evans p. 474
6. C2 Q. What is the name of the vitamin that acts as a “partner” with the trace mineral selenium?
A. Vitamin E
S. ES p. 140
7. C3 Q. What is the name given to the type of wound caused by a pointed object like a nail?
A. Puncture wound
S. Evans p. 609
8. C4 Q. Your horse has a freeze brand. What color is the hair of the brand?
A. White
S. Evans p. 809

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9. C1 Q. The genetic disorder Lethal White Foal Syndrome affects which horse breed?
- A. Pinto/Paint
- S. ES p. 98
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10. C2 Q. What breed of horse is world famous because of its connection with the Spanish Riding School of Vienna?
- A. The Lipizzan
- S. HIH 159B-1
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11. C3 Q. What is the name of the system of the horse in which a number of ductless glands of the horse's body produce hormones that influence a variety of body functions?
- A. Endocrine System
- S. Evans p. 126
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12. C4 Q. What is the **minimum** width for a gate that would be used to move hay equipment in and out of a field?
- A. 16 feet
- S. Evans p. 771

End One-On-One

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Begin Open Questions

13. Q. What mineral is the partner to phosphorus and is needed for strong, healthy bones and teeth?
- A. Calcium
- S. ES p. 132
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14. Q. Black Allan is the foundation sire for which horse breed?
- A. Tennessee Walking Horse
- S. Evans p. 40
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15. Q. Within a few days of foaling, most mares have drops of colostrum that appear and stick to the end of their teats. What is the term used for these drops of colostrum?
- A. waxing (wax beads)
- S.HIH 940-3
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16. Q. What type of bedding is preferred for foaling stalls?
- A. Straw
- S. HIH 940-3

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Toss Up – Bonus Attached

17. Q. (Two Part) What are the **two** 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 **three** 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

Resume Open Questions

19. Q. What is the external parasite that can transmit the West Nile Virus from infected birds to horses?
- A. Mosquitoes
- S. HIH 665-1

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20. Q. Sweat glands are located over the entire body of the horse except for what area?
- A. The legs
- S. Evans p. 129
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21. Q. What part of the English bridle keeps the crown piece from slipping forward over the ears and off the head?
- A. Throatlatch
- S. HIH 1100-6
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22. Q. What is another term for “bulldogging”?
- A. Steer wrestling
- S. DET p. 43
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23. Q. Rickets occurs only in young animals and can be caused by a deficiency of what vitamin?
- A. Vitamin D
- S. Evans p. 227

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Toss Up – Bonus Attached

24. Q. Give **one** advantage 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

Bonus Question

25. Q. (Bonus) 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 |
| Dental changes | |
- S. HIH 450-1, 450-6

Resume Open Questions

- 26 . Q. What is the simplest way to initially clean a fresh wound that is large and/ or heavily contaminated with dirt?
- A. Hosing
- S. HIH 440-3

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27. Q. Aniridia is a genetic disorder in which the iris of the eye is absent.
This occurs primarily in which draft horse breed?
- A. Belgian
- S. ES p. 100
28. Q. What is the conformation fault in which the back of the horse is arched
and convex?
- A. Roached back
- S. DET p. 235
29. Q. What is the common name for the dominance hierarchy or social
order exhibited by a group of horses?
- A. Pecking order
- S. DET p. 207

Last Question of the Round

30. Q. What is the full name of the registry that documents the pedigree of
the Quarter horse?
- A. American Quarter Horse Association
- S. DET p. 9

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