

**2010 New York State Junior 4-H Horse Bowl
Round 3**

One-On-One

1. C1 Q. What is the term that describes the horse being driven or schooled from the ground with long lines?

 A. Ground driving (long reining)

 S. DET p. 171, 125

2. C2 Q. What is one of the signs that your horse might have the respiratory infection Rhinopneumonitis?

 A. Significant nasal discharge, high fever, inflamed conjunctivae, dry cough

 S. ES p. 178

3. C3 Q. What is the name of the team of horses that is hitched directly in front of a wagon in a four (or more) horse hitch?

 A. Wheelers

 S. DET p. 292

4. C4 Q. What trace mineral deficiency may cause a goiter?

 A. Iodine

 S. Evans p. 231

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5. C1 Q. What is the name of the bony prominence that lies between the ears of the horse?
- A. Poll
- S. DET p. 215
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6. C2 Q. The American Trotting horse is the original name for what breed of horse?
- A. Standardbred
- S. Evans p. 28
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7. C3 Q. What is the name of the large, syringe-like device used to give large pills to horses?
- A. Balling gun
- S. DET p. 22
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8. C4 Q. True Albinos are not known in the horse since all white horses have some color pigment where on their body?
- A. Their eyes
- S. Evans p. 51

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9. C1 Q. In the reproductive tract of the stallion, what is transported from the epididymis to the urethra by the vas deferens?

A. Sperm (spermatozoa)

S. Evans p. 358

10. C2 Q. What is the main function of the headstall of a bridle?

A. Holds the bit in the horse's mouth

S. HIH 1100-6

11. C3 Q. How are "dominance hierarchies" or "pecking orders" established in horses?

A. Aggression

S. Evans p. 677

12. C4 Q. Hemophilia is a hereditary deficiency of what kind of factor in the blood?

A. Clotting factor

S. DET p. 138

End One-On-One

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Begin Open Questions

13. Q. Hay should not be baled if its moisture is above what percentage?
A. 20%
S. HIH 750-4
14. Q. What is the name used for horses afflicted with the problem of pulmonary hemorrhage?
A. Bleeders
S. Evans p. 111
15. Q. What is the base coat color of the strawberry roan colored horse?
A. Chestnut
S. ES p. 47
16. Q. What was the Quarter Horse originally bred to do?
A. Race
S. DET p. 225

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Toss Up – Bonus Attached

17. Q. Horse and ponies have chestnuts on the inside of both the front and hind legs. Where on mules and hinnies are the chestnuts located?
- A. Same as the horse- inside of both front and hind legs
- S. ES p. 21

Bonus Question

18. Q. Immunity is the condition that results when animals have, produce, or obtain antibodies that enable them to fight off health issues. What is the difference between passive immunity and active immunity?
- A. Passive- passed to offspring from the maternal parent
Active- obtained by building antibodies in response to the disease or to a vaccination
- S. ES p. 169

Resume Open Questions

19. Q. Combined training is a comprehensive test of both horse and rider, consisting of three phases. Name one of the phases.
- A. Dressage, cross-country, and show jumping
- S. DET p. 62

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20. Q. In reference to a horse's foot, what part of the hoof absorbs concussion?
A. Frog
S. HIH 505-4
21. Q. In reference to breeding, what is a maiden mare?
A. A mare that has never been bred
S. DET p. 174
22. Q. The donkey's vocalization is louder and deeper than the horse's. What is the donkey's vocalization called?
A. Bray
S. ES p. 21
23. Q. What is the definition of a "wet mare"?
A. A mare nursing a foal
S. HIH 940-1

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Toss Up – Bonus Attached

24. Q. Name the two basic styles of pack saddles.
- A. Crossbuck (sawbuck) and decker
- S. HIH 1125-1

Bonus Question

25. Q. Identify three things that would affect the pulse and respiration rates of a healthy horse.
- A. Exercise/activity, environmental temperature (extreme hot or cold), humidity, age, stress, anxiety (excitement)
- S. ES p. 155

Resume Open Questions

26. Q. When comparing good quality timothy hay to good quality alfalfa hay, which one provides the highest percent of crude protein?
- A. Alfalfa hay
- S. HIH 760-5
27. Q. How many membranes are in the meninges, which cover the brain and spinal cord?
- A. Three
- S. Kainer plate 81

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28. Q. A frosthead horseshoe nail has a sharp, beveled head. What is the purpose for this type of nail?

A. Traction

S. Evans p. 739

29. Q. What is a Brumby?

A. An Australian wild horse

S. DET p. 41

Last Question of the Round

30. Q. In reference to a horse's vision, a menace reflex is when a horse automatically closes its eye when you do what to the area of the eye?

A. move your hand toward the eye

S. DET p. 179