

**2011 New York State 4-H Junior Horse Bowl
Round 3**

One-On-One

1. C1 Q. During the horseshoeing process, the horseshoe is centered on a normal foot by using the apex of what part of the hoof as guide?

 A. The frog

 S. Evans p. 743

2. C2 Q. Which type of martingale attaches to the noseband and prevents a horse from raising its head?

 A. Standing martingale

 S. DET p. 254

3. C3 Q. What is the name of the contagious fungal infection of the outer layers of skin characterized by itching and ring-shaped patches covered with scales?

 A. Ringworm (also accept girth itch or barn itch)

 S. ES p. 187; DET p. 235

4. C4 Q. What is a purebred horse?

 A. Both parents are recorded in the same registry

 S. DET p. 223

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5. C1 Q. What trace mineral deficiency can cause anemia?
A. Iron
S. ES p. 139
6. C2 Q. In what part of the horse's digestive system does the absorption of protein, vitamins, minerals, and energy occur?
A. Small intestine
S. ES p. 111
7. C3 Q. What rodeo event are you competing in if you are "bulldogging"?
A. Steer wrestling
S. DET p. 43
8. C4 Q. Ringbone is a bony enlargement associated with what part of the horse's leg?
A. Pastern
S. HIH 455-6

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9. C1 Q. To maintain a healthy horse, the horse's diet must meet the requirements of basic nutrients. Which one of the basic nutrients is approximately 80%- 90% of the horse's dietary needs?

A. Energy (also accept carbohydrates **and** fats but must give **both** answers to be correct)

S. ES p. 115

10. C2 Q. How often should horses be offered water when trailering long distances?

A. Every 3-4 hours

S. AYLM ADV 301-2L

11. C3 Q. What country is the Exmoor Pony originally from?

A. England

S. HIH 157B-2

12. C4 Q. What is the ideal percentage for the moisture content of hay when it is stored?

A. Anything less than 15%

S. Lewis p. 69

End One-On-One

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Begin Open Questions

13. Q. The gait defect of paddling is an action associated with a horse that has what type of conformation defect?
- A. Pigeon- toed (toe in)
- S. Evans p. 181
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14. Q. What pony breed was developed from crossing the Shetland, Welsh, Hackney and Standardbred breeds for the purpose of sulky racing??
- A. Trottingbred
- S. Evans p. 67
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15. Q. A Thoroughbred that is racing the distance of 8 furlongs is going what distance in a mile measure?
- A. One mile
- S. DET p. 116
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16. Q. Cremello is the double dilution of what color?
- A. Chestnut
- S. Evans p. 475

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Toss Up – Bonus Attached

17. Q. The term ventral refers to an area of the horse on the belly or located toward the lower surfaces. What does the term dorsal refer to?
- A. The back or a position more toward the back surface than some other point of reference
- S. DET p. 84, 282

Bonus Question

18. Q. (Bonus) Identify four factors that would result in a horse to be underweight or too thin.
- | | |
|---------------------------------------|---------------------------|
| A. Parasites | Malabsorption |
| Milk production (lactation) | Inadequate amount of feed |
| Hard work | Poor quality feed |
| Poor teeth | Illness |
| Too much competition in group feeding | Starvation |
- S. Evans pp. 295-296

Resume Open Questions

19. Q. What is an antidote?
- A. A remedy for counteracting a poison
- S. DET p. 263

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20. Q. Are the wilted leaves of a red maple more toxic or less toxic than fresh leaves?
- A. More toxic
- S. Lewis p. 331
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21. Q. What is the type of hitch when one horse is hitched in front of the other horse?
- A. Tandem hitch
- S. DET p. 263
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22. Q. When comparing the nutrient value of timothy and alfalfa in a hay sample, which one provides the highest percent of crude protein?
- A. Alfalfa
- S. HIH 760-5
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23. Q. What country did the Azteca breed of horse originate?
- A. Mexico
- S. DET p. 19

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Toss Up – Bonus Attached

24. Q. Name two types of trail rides.
- A. Social (pleasure), competitive and endurance
- S. DET p. 273

Bonus Question

25. Q. (Bonus) What is the recommended minimum height for perimeter and dividing fences?
- A. Perimeter- at least 60 inches (5 feet)
Dividing- at least 54 inches (4 ½ feet)
- S. Evans p. 760

Resume Open Questions

26. Q. Lungworm infections in horses, in many cases, is related to exposure of sharing pasture with what species of animal?
- A. Donkeys
- S. ES p. 189

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27. Q. What type of horseshoe is used on a horse with navicular disease?

A. Egg bar shoe

S. HIH 515-4

28. Q. Name one of the types of vision a horse has.

A. Monocular vision

Binocular vision

S. ES p. 57

29. Q. What is the largest joint in the horse?

A. Stifle joint

S. Evans p. 691

Last Question of the Round

30. Q. Name the two types of lice that affect horses?

A. Biting lice

Sucking lice

S. ES p. 186