

**2009 NYS 4-H Horse Bowl  
Sr. Round 4**

**One-On-One**

1. C1 Q. What term would be defined by the premature expulsion of a fetus before it is capable of living independently?
- A. Abortion
- S. DET 1 500/3
2. C2 Q. What toxic substance can be produced in Johnson grass that may cause death of horses when ingested?
- A. Cyanide
- S. Lewis 321 770/4
3. C3 Q. Due to the basic design of a saddle seat saddle, it is sometimes referred to as what type of saddle?
- A. "Cut back" saddle (also accept "flat" saddle)
- S. HIH 1100-1 1000/3
4. C4 Q. What does it mean if a horse facility is creating a nonpoint source of pollution to a waterway?
- A. Soil and waste contaminants are being carried into a waterway, but they do not come from a pipe
- S. HIH 360-1 920/4
5. C1 Q. What horse is the foundation sire of the Pony of America breed?
- A. Black Hand # 1
- S. Evans p.59 200/3

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6. C2 Q. What part of a long bone is the diaphysis?  
A. Shaft  
S. Kainer plate 9 410/4
7. C3 Q. What term refers to excessive granulation tissue in wounds to the lower legs?  
A. Proud flesh  
S. HIH 440-4 860/3
8. C4 Q. What should be the minimum height for perimeter pasture fences for horses?  
A. 5 feet  
S. HIH 350-1 920/3
9. C1 Q. You are performing a turn on the haunches. When performed correctly, which hind foot should remain more or less in place when completing a pivot clockwise?  
A. Right hind foot (inside leg)  
S. DET p.213 1010/3
10. C2 Q. All horses carry the genetic makeup for either black or what other color?  
A. Chestnut  
S. Evans p.479 550/4

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11. C3 Q. What type of stirrup allows easier release of the foot should a rider fall from the saddle?
- A. “Breakaway” stirrup (also accept peacock, foot free safety and kwick out stirrups)
- S. HIH 1100-3 1000/3
12. C4 Q. How many “milk teeth” does a six month old foal have?
- A. 24 milk teeth
- S. Evans p. 92; Lewis p. 178 430/3

**End One-On-One**

**Begin Open Questions**

13. Q. This feed related poisoning causes decreased feed intake, colic, depression, frequent drinking, and low blood calcium and magnesium. It is caused by ingestion of an insect containing a toxin called cantharidin in alfalfa hay that is cut after midsummer.
- A. Blister beetle poisoning
- S. Lewis pp. 364-365 700/3
14. Q. What specific class is being described? This class is governed by a specific set of rules. The horse performs required maneuvers set to music in a format designed by each competitor. These maneuvers include flying lead changes, circles, spins and sliding stops.
- A. Freestyle reining
- S. HIH 183D-2 1010/3



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**Resume Open Questions**

19. Q. What is the name of the muscle that is used by the horse for shaking off flies?
- A. Panniculus muscle (also accept cutaneous trunci)
- S. DET p.203                      410/3
20. Q. Which part of the brain controls the coordination of movement?
- A. Cerebellum
- S. DET p. 53                      420/3
21. Q. This Paint color pattern is basically a white horse with colored spots. Other guidelines include that the white crosses the back, all legs are white below the hocks or knees and both flanks are usually dark. What color pattern is being described?
- A. Tobiano
- S. Evans p.48                      300/3
22. Q. What bit is being described? This bit is sometimes called a cowboy snaffle. It is a curb bit with short, straight, swivel shanks and a broken mouthpiece.
- A. Tom Thumb bit
- S. DET p.270                      1000/3
23. Q. What is another name for leukoencephalomalacia?
- A. Moldy corn disease or blind staggers
- S. Lewis p. 357                      700/3



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27. Q. What is the difference between a narrow spectrum and a broad spectrum antibiotic?
- A. Narrow spectrum is effective against only a limited number of organisms and a broad spectrum has a wide range of effectiveness
- S. DET p. 40, 187                      805/3
28. Q. What happens if too much composted manure/bedding is added to the surface of a riding arena?
- A. It can hold excess moisture and cause horses to slip and fall (also accept excessive dust and odor)
- S. HIH 365-5                              920/4
29. Q. What type of activity is being described? This type of conditioning increases both speed and endurance. The program improves respiration, circulation and removal of waste products. The horse is alternately subjected to periods of exercise and periods of rest.
- A. Interval training
- S. DET p.154                              960/4

**Last Question of the Round**

30. Q. What is the name for the terminal or distal portion of the small intestine?
- A. Ileum
- S. Lewis p. 393                              430/3