

**2009 NYS 4-H Horse Bowl  
Sr. Round 1**

**One-On-One**

1. C1 Q. What is the name of the first horse to win the Kentucky Derby?
- A. Aristides
- S. DET p.15 1040/2
2. C2 Q. When comparing a gray horse to a roan horse, what is the difference in the presence of white hairs?
- A. The gray horse will have an increasing number of white hairs as it ages. The roan horse will have the same proportion of white hairs in its coat throughout its life.
- S. Evans p. 81 300/2
3. C3 Q. To keep their balance on sharp turns some jockeys will ride with one stirrup leather adjusted longer than the other. What is the term used to describe this practice?
- A. Acey-deucey
- S. DET p.2 1040/2
4. C4 Q. What is the name for the semi-horny structures located on the posterior-ventral surface of the fetlock?
- A. Ergots
- S. Evans 128, Kainer plate 4 460/2
5. C1 Q. The most accurate methods for detecting the optimal time to breed a mare would be by ultrasound or palpation. If these methods are not available what other method might you use?
- A. A teaser stallion - to determine if a mare is receptive to breeding.
- S. YLM 336-1L, Lewis 406 520/3

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6. C2 Q. When using a 2 bin composting system, how long is it before the composted manure in the first bin is ready to use?
- A. Two to four months
- S. HIH 365-3 920/2
7. C3 Q. What is the term used to describe when a horse kicks with a hind leg in a forward and sideward direction?
- A. Cow kick
- S. Evans 182 930/2
8. C4 Q. The breeding of a stallion to a jenny would produce what?
- A. A hinny
- S. Evans 76 200/2
9. C1 Q. Nitrogenous waste products from metabolic processes in the horse's body are filtered and excreted by what organ?
- A. The kidneys
- S. Evans 118, Kainer 68 470/2
10. C2 Q. What is the name of the structure that allows foals to eat without interference by the mare?
- A. Creep feeder
- S. Lewis 268-9 700/2
11. C3 Q. How do you measure the size of an English saddle?
- A. From the saddle nail to the mid-point of the cantle
- S. HIH 1100-3 1000/2

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12. C4 Q. What is the scientific name of the genus that includes horses, zebras and asses?
- A. Equus
- S. DET 99, Evans 13 100/2

**End One-On-One**

**Begin Open Questions**

13. Q. You are competing in a calf-roping event. What is the name of the six foot long rope you are carrying?
- A. Piggin' string
- S. DET 212 1060/3
14. Q. What is the term for a lengthening of the trot stride without an increase in tempo?
- A. Extended trot or extension
- S. DET 101 640/3
15. Q. What is the name of the blood-rich and glandular mucous membrane that is the inner-most layer of the uterus?
- A. The endometrium
- S. Lewis 388, HIH 910-3 510/3
16. Q. What is the most common symptom of black walnut poisoning?
- A. Founder (laminitis)
- S. Lewis p.323 770/2

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**Toss Up – Bonus Attached**

17. Q. (Two Part) Molasses is added to feed to reduce dust and improve palatability. Name the **two** plants that are the primary source of molasses fed to horses in the United States.
- A. Sugar cane and beets
- S. Lewis 98 700/3

**Bonus Question**

18. Q. The horse has three joints that are common to all four of the legs. Name these **three** joints from distal to proximal.
- A. Coffin, pastern and fetlock
- S. Evans pg 98; DET p. 11 410/3

**Resume Open Questions**

19. Q. What coat color is unique to the Shetland pony?
- A. Silver Dapple – a dappled chestnut with silver or white mane and tail.
- S. Evans, p. 59 300/3
20. Q. What is the name for the person at a rodeo who helps the rider off the the bronc when the ride is completed, pulls the flank strap off the bronc and removes the bronc from the arena?
- A. The pickup man
- S. DET p.211 1060/3
21. Q. Vitamin D is known as what kind of vitamin?
- A. The sunshine vitamin
- S. Evans, p. 240 & Lewis p. 48 740/2

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22. Q. What is one purpose of a buffer strip in watercourse management?

A. It filters horse waste and soil from the runoff water and slows the water down for better absorption (only need to give one answer)

S. HIH 360-4                      920/4

23. Q. Fenbendazole, Piperazine, Pyrantel and Ivermectin are examples of what type of medication?

A. Anthelminitic (de-wormer)

S. DET p.106, 213, 224, 156                      835/3

**Toss Up – Bonus Attached**

24. Q. (Two Part) What **two** primary sets of muscles are used by the horse at rest for inspiration?

A. Intercostal muscles and diaphragm

S. HIH 810-1                      450/3

**Bonus Question**

25. Q. Excessive salivation or slobbering may be caused by trauma to the mucous membranes of the mouth from a variety of plants and grasses. Identify **two** other causes of this symptom.

A. Choke                      sharp points on the teeth  
poorly fitting bits                      inappropriately used bits  
infectious diseases (ex. Vesicular stomatitis)  
horses bedded on wood shavings containing bitterweed

S. Lewis p.301                      770/3

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**Resume Open Questions**

26. Q. What term refers to the process of cleaning out a horse stall by removing the manure and soiled bedding?
- A. Muck out (mucking out the stall) (also accept stripping, picking out the stall, etc.)
- S. DET p.183                      920/1
27. Q. This activity is done to improve muscle tone and improve coat quality. It is the process of brushing a horse and/or cleaning out his hooves.
- A. Grooming
- S. DET p.125                      950/1
28. Q. Name **one** thing that is destroyed in manure when temperatures reach 131° F for 3 days?
- A. Parasites, pathogenic bacteria and weed seeds (only one answer required)
- S. HIH 360-3                      920/2
29. Q. Heaves or broken wind is the common name for what?
- A. Chronic Obstructive Pulmonary Disease
- S. Evans p. 607, Lewis p. 291      830/2

**Last Question of the Round**

30. Q. What is the term for the type of vision where the horse sees different images with each eye?
- A. Monocular vision
- S. HIH 1220-1                      420/2