

# 2011 New York State 4-H Senior Horse Bowl Round 6

## One-On-One

1. C1 Q. When referring to a chestnut horse what does the term tostada describe?  
  
A. A red colored horse with darker red-colored points  
  
S. ES p. 41                      300/4
  
2. C2 Q. What term refers to deciduous teeth that remain attached to erupted permanent teeth?  
  
A. Caps  
  
S. Kainer plate 48                      835/2
  
3. C3 Q. What organization do the initials AQHA stand for?  
  
A. American Quarter Horse Association  
  
S. HIH 168B-2                      230/2
  
4. C4 Q. Larking refers to unnecessarily jumping fences when participating in what equine activity?  
  
A. Foxhunting  
  
S. DET p. 164                      1080/4

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5. C1 Q. What is the term for the pieces of amorphous material found in the allantoic fluid during pregnancy?
- A. Hippomanes
- S. Evans p. 342                      500/3
- 
6. C2 Q. Identify one **physiological** function that will increase the requirement for salt in the horse's diet?
- A. Sweating or lactation
- S. Evans p. 236; Lewis pp. 25-26                      750/3
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7. C3 Q. What is the term for the 7 ½ or 8 minute period of play in a polo match?
- A. Chukker or chukka
- S. DET p. 56                      1070/4
- 
8. C4 Q. What secretion is produced by the liver?
- A. Bile
- S. Kainer plate 54                      490/3

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9. C1 Q. Drainage from a three sided run-in shed to an absorption pit or grass waterway should have what percent of slope?
- A. Two percent
- S. HIH 360-3                      920/3
- 
10. C2 Q. What mineral helps to prevent cell damage due to oxidation and works in conjunction with Vitamin E?
- A. Selenium
- S. ES p. 140                      740/3
- 
11. C3 Q. When comparing the Crossbuck and Decker saddles, which saddle would have a double cinch?
- A. Crossbuck
- S. YLM BEG118-1L                      1020/3
- 
12. C4 Q. Which **one** of the following breeds would **not** be considered a pony breed...Galiceño, Exmoor, Falabella or Trottingbred?
- A. Falabella (miniature horse)
- S. DET p. 103                      200/4

**End One-On-One**

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**Begin Open Questions**

13. Q. Why do lactating mares have the best chance of survival after ingesting the poisonous plant White Snakeroot?
- A. The toxin in White Snakeroot (Tremetol) is excreted from the body by lactation
- S. Lewis p. 320                      770/4
- 
14. Q. What does the term “nicking” describe in reference to the offspring from a breeding program based on linebreeding?
- A. Offspring that are superior to their parents as a result of a particular mare/stallion cross
- S. HIH 1080-1; DET p. 190                      500/4
- 
15. Q. What is a teamster’s verbal cue to signal a draft horse team to turn right?
- A. Gee (jē)
- S. DET p. 119                      1050/ 3
- 
16. Q. Muscle fibers are classified as Type I (slow-twitch) or Type II (fast-twitch). Which type of muscle fibers function aerobically and provide endurance?
- A. Type I (slow-twitch)
- S. HIH 840-2                      410/4

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**Toss Up – Bonus Attached**

17. Q. Identify **two** locations where you would find tactile hairs.
- A. Nostrils, lips and around the eyelids (muzzle would include **both** the lips and nostrils and would be considered as **one** correct answer)
- S. Kainer plate 4                      460/3

**Bonus Question**

18. Q. (Bonus) Timeline... Place the following **four** breeds in the correct order of development. Begin with the oldest breed and continue with each of the other breeds until all are in the correct timeline.
- Thoroughbred  
Hackney  
Welsh  
Arabian
- A. Arabian...Thoroughbred...Hackney...Welsh
- S. Evans p. 61                      200/4

**Resume Open Questions**

19. Q. When performing an embryo transfer, the embryo should be collected from the donor mare on what day post-ovulation?
- A. Day 6 (accept anything in range of day 6 to 8)
- S. Evans pp. 411-412                      510/4

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20. Q. What item of tack absorbs sweat and dries quickly while keeping the horse warm after a workout?
- A. Cooler
- S. HIH 1100-6                      1000/2
- 
21. Q. What anatomical structure in the horse does the Latin word “rostrum” refer to?
- A. Nose
- S. Kainer plate 2                      400/3
- 
22. Q. Aluminum shoes are commonly associated with racing but are also used on the front feet of horses participating in what other type of activity?
- A. Reining, western pleasure, jumping (only need to give one answer)
- S. HIH 515-4                      900/3
- 
23. Q. You do the math...You are judging a reining class and have just finished scoring the last horse. You have given this horse a total maneuver score of + **3 ½ (plus 3 ½)** and total penalties of **-5 (minus 5)**. What would be the **final score** for this horse?
- A. Final score 68 ½
- S. HIH 183D-1                      1010/3

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**Toss Up – Bonus Attached**

24 . Q. Identify **two** types of internal parasites that horses usually develop an immunity to as they mature.

A. Roundworms (ascarids or *Parascaris Equorum*) and threadworms (*Strongyloides westeri*)

S. ES pp. 189-190; Evans pp. 630-632 835/3

**Bonus Question**

25. Q. (Bonus) Give the common **and** anatomical name for each of the **three** bones located in the foot.

A. Coffin or pedal bone (distal or third phalanx)  
Short pastern bone (middle or second phalanx)  
Navicular or shuttle bone (distal sesamoid)

S. Evans p. 686; DET p. 60, 188; Kainer plate 12 480/4

**Resume Open Questions**

26. Q. At what location on a horse would you expect to find the swelling associated with a shoe boil?

A. Point of the elbow (also accept elbow)

S. Evans p. 163 620/3

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27. Q. Lethal white foal syndrome is not the same as dominant white and is associated with what color gene?
- A. Overo gene
- S. ES p. 98; Evans p. 513                      550/3
- 
28. Q. Beta-carotene is a nutritional source for which fat-soluble vitamin?
- A. Vitamin A
- S. Lewis p. 46                      740/2
- 
29. Q. Nigropallidal encephalomalacia is commonly known as the “chewing disease” because it destroys the horse’s ability to ingest and chew food. Identify **one** of the two plants that cause this condition.
- A. Russian knapweed or Yellow star thistle
- S. Lewis p. 318                      770/4

**Last Question of the Round**

30. Q. What type of behavior would be exhibited by a gelding that is described as a “rig” or proud-cut horse?
- A. Stallion-like aggressive behavior
- S. Lewis p. 401                      910/2