

2010 New York State Junior 4-H Horse Bowl Round 1

One-On-One

1. C1 Q. Define the term hippology.
A. The study of the horse.
S. DET p.140

2. C2 Q. The Triple Crown is a series of Thoroughbred races.
What is the first race of the series?
A. Kentucky Derby
S. DET p. 274

3. C3 Q. What is the slowest gait of the horse?
A. Walk.
S. ES p.70

4. C4 Q. In the United States, nutritional problems in horses are more likely
associated with which of these – overfeeding or underfeeding?
A. Overfeeding
S. ES p.106

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5. C1 Q. Three Bars was a famous stallion that became a leading Quarter Horse sire. What breed of horse was this stallion?
- A. Thoroughbred
- S. DET p. 267
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6. C2 Q. What are you measuring when you are taking your horse's pulse rate?
- A. How fast the heart is pumping blood throughout the body.
- S. ES p. 160
-
7. C3 Q. What part of a mare's anatomy is composed of a multilayered, hollow, Y-shaped organ?
- A. Uterus
- S. HIH 910-3
-
8. C4 Q. Name two elements of the natural environment to be considered before establishing a new horse facility.
- | | |
|----------------------|------------------|
| A. Topography | Prevailing winds |
| Solar radiation | Precipitation |
| Drainage | Vegetation |
| Soil characteristics | Water |
- S. HIH 310-1

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9. C1 Q. An average horse should ingest approximately what percent of its body weight in total food each day for daily maintenance?
- A. 1.6%-2.0% (anything in this range)
- S. ES p. 107
-
10. C2 Q. The hormone, prolactin, is produced in the pituitary gland. What does this hormone initiate in a mare?
- A. Milk production (lactation)
- S. DET p. 221
-
11. C3 Q. What is the base coat color of a blue roan?
- A. Black
- S. ES p. 47
-
12. C4 Q. When you measure the size of an English saddle, you measure from the saddle nail to what point?
- A. The midpoint of the cantle.
- S. HIH 1100-3

End One-On-One

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Begin Open Questions

13. Q. To avoid overgrazing, horses should be removed from a pasture when the pasture is grazed down to what length?
- A. 3"-4"
- S. HIH 360-4
14. Q. What is the term used to describe a head to head competition between horses where the result is determined by speed?
- A. Racing
- S. DET p. 227
15. Q. Man of War and Secretariat were famous Thoroughbred race horses that were the same color and had the same nickname. What was the nickname?
- A. Big Red
- S. Evans p. 22
16. Q. The horse color Perlino is a result of the double dilution of what color?
- A. Bay
- S. Evans p. 81

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Toss Up – Bonus Attached

17. Q. In a rodeo, describe one of the jobs that the mounted cowboy called the pick-up man would do during the bronc riding competition.
- A. Helps the rider off the bronc when the ride was complete
Pulls flank straps off the bronc
Removes the bronc from the arena
- S. DET p. 211

Bonus Question

18. Q. The vertebrae of a horse's spinal column are divided into five regions. Name four of these regions.
- A. Cervical; Thoracic; Lumbar; Sacral and Coccygeal
- S. Kainer plate 7

Resume Open Questions

19. Q. A horse has two kinds of vision. Name one of them.
- A. Monocular or binocular.
- S. ES p. 58
20. Q. Harnessing of the horse had a great significance in building civilization. What type of horses were used the most to farm the land and move goods to the population centers?
- A. Draft
- S. Evans p. 7

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21. Q. The horse is an herbivore. What is an herbivore?
A. A grass eater
S. ES p. 6
22. Q. Your horse has a spavin that is described as being an inflammation or swelling of the soft tissue of the hock. Is this type of spavin a jack spavin or a bog spavin?
A. Bog spavin
S. Evans p. 159
23. Q. Vitamin E combined with what mineral is effective in the prevention of white muscle disease?
A. Selenium
S. Evans p. 241

Toss Up – Bonus Attached

24. Q. What is the term for the person who manages the hounds of a hunt club?
A. Whip
S. DET p. 292

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Bonus Question

25. Q. Name two of the three cavities that are in the facial portion of the skull.
- A. Orbital(around the eye), nasal(nose), oral(mouth)
- S. Evans p. 90

Resume Open Questions

26. Q. What kind of test is done to determine precisely how much lime and fertilizer should be applied for optimum grass pasture production?
- A. Soil test
- S. HIH 730-3
27. Q. Third phalanx and pedal bone are names for the same bone. What is another name for this same bone that is located in the foot?
- A. Coffin bone
- S. Evans p. 686
28. Q. What is the term for an unborn animal in the earliest stages of growth and development within the womb?
- A. Embryo
- S. DET p. 91

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29. Q. Name a type of protective boot that would protect the area of the coronary band and bulbs of the heel.
- A. Bell boots (or coronet boots, quarter boots)
- S. DET pp. 26, 69

Last Question of the Round

30. Q. How many chromosomes does a horse have?
- A. 32 pairs or 64
- S. ES p. 16