

**2012 New York State Junior 4-H Horse Bowl
Round 5**

One-On-One

1. C1 Q. In the evolution of the horse, what term refers to the modern horse?

 A. Equus

 S. ES p.10

2. C2 Q. Which gait of the Paso Fino is the fastest of the three speeds?

 A. Paso largo

 S. Evans p. 178

3. C3 Q. How often should a horse be offered water when trailering long distances?

 A. Every 3-4 hours

 S. YLM ADV 201-2L

4. C4 Q. The Triple Crown is a group of races for what age Thoroughbreds?

 A. Three year olds

 S. Evans p. 22

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5. C1 Q. What is the name of the large veins located on either side of the horse's windpipe in the underside of the neck?
- A. Jugular veins
- S. DET p. 159
-
6. C2 Q. What is the name of the farrier tool that is used to remove excess hoof wall?
- A. Hoof cutters (hoof nippers)
- S. Evans p. 728
-
7. C3 Q. What classification of forages normally produces higher levels of energy?
- A. Legumes
- S. YLM INT 202-1L
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8. C4 Q. Galvayne's groove appears on the upper corner incisor at about what year?
- A. 10 years
- S. HIH 240-4

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9. C1 Q. Which vitamin is responsible for the production of the blood clotting factor?
- A. Vitamin K
- S. DET p. 284
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10. C2 Q. Horses of all colors may be affected by melanoma tumors, but the majority of horses that have melanomas are what color?
- A. Gray
- S. Evans p. 514
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11. C3 Q. On a driving harness, what is the purpose of the terrets on the surcingle (or saddle)?
- A. The reins go through them (hold the reins up on the surcingle)
- S. DET p. 265
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12. C4 Q. What is the name of the western show class which demonstrates a horse's ability to perform several turns and controlled, collected flying lead changes across the ring.
- A. Western riding
- S. DET p. 290

End One-On-One

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Begin Open Questions

13. Q. Would a **Standard** Diamond Brand size 3 horse shoe most likely be used for shoeing a pony, average horse or a large horse?
- A. Large size horse
- S. Evans p. 731
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14. Q. The Connemara breed of horse originated in what country?
- A. Ireland
- S. Evans p. 65
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15. Q. What is the term for an alcohol based substance applied to the horses legs after exercise to prevent swelling?
- A. Brace (also accept liniment)
- S. DET p. 36, 169
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16. Q. What is the purpose of the elliptic spring on a carriage?
- A. Absorb shock (it is the spring under the seat)
- S. DET p. 90

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Toss Up – Bonus Attached

17. Q. Explain the difference between a buck kneed and calf kneed horse.
- A. Buck kneed- over at the knee (bent forward)
Calf kneed- back at the knee (bent backward)
- S. DET p. 42, 45

Bonus Question

18. Q. What are the **four** classifications of bones in the skeletal system of the horse?
- A. Long, short, flat and irregular
- S. Evans p. 90

Resume Open Questions

19. Q. What is a flat class?
- A. A class without jumps
- S. DET p. 109
20. Q. The Nez Perce Indians were the first tribe to breed selectively for the special traits of what breed of horse?
- A. Appaloosa
- S. HIH 152B-1

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21. Q. What should be the minimum size of a stall for an average size horse?
A. 10 foot by 10 foot
S. HIH 320-3
22. Q. What is the organ that provides a blood-filtering system that is responsible for the removal of many waste products from the body?
A. Kidneys
S. Evans p. 119
23. Q. The Thoroughbred was developed largely from what breed of horse?
A. Arabian
S. Evans p. 17

Toss Up – Bonus Attached

24. Q. Color in the horse is controlled by granules of pigment in the hair and skin. What is the pigment called?
A. Melanin
S. ES p. 93

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Bonus Question

25. Q. (Bonus) Identify **three** types of **modifications** of a standard horse shoe that could be used by a farrier for corrective or therapeutic shoeing.

- | | |
|--------------------------------------|-----------------------------|
| A. Square toe on shoe | Trailer |
| Calks | Bar across break-over point |
| Toe extension | Rolled toe shoe |
| Slipper heels | Half-rim |
| Chadwick spring | Raise or lower toe of shoe |
| Toe clips | Raise or lower heel of shoe |
| Shorten or lengthen toe of shoe | |
| Raise or lower inside or outside rim | |

S. Evans pp. 748-750

Resume Open Questions

26. Q. In horses there are two basic energy producing nutrients. Name **one** of them.

A. Carbohydrates and fats

S. ES p. 143

27. Q. When packing with horses, what is the name of the piece of canvas that covers and protects the load?

A. Manta (also accept “manty”)

S. HIH 1125-3 1020/3

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28. Q. What is the first of the four stages of a life cycle of a fly?

A. Egg

S. HIH 415-1

29. Q. What is the normal temperature of a horse?

A. 99.5 to 101.5 degrees (accept anything within this range)

S. HIH 440-6

Last Question of the Round

30. Q. What is the Jockey Club?

A. Registry of the Thoroughbred horses

S. DET p. 158