

**2010 New York State Senior 4-H Horse Bowl
Round 1**

One-On-One

1. C1 Q. What term refers to the study of the horse?
A. Hippology
S. DET p.140 220/2
2. C2 Q. Aristides is the name of the first horse to win what racing event?
A. Kentucky Derby
S. DET p.15 1040/2
3. C3 Q. The walk is the horse's slowest gait. What is the average speed of the horse's walk?
A. 4 miles per hour
S. ES p.70 640/2
4. C4 Q. Grain, or concentrate, should not exceed more than what percentage of a horse's total daily diet?
A. 40%
S. ES p.107 700/2

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5. C1 Q. What term refers to a horse that breaks through the starting gate prematurely?
- A. False start
- S. DET p.104 1040/2
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6. C2 Q. You are taking your horses's pulse. Where would you place your fingers to locate the facial artery?
- A. Just inside the jaw or cheek groove (the area between the jawbones)
- S. ES p. 160 800/2
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7. C3 Q. What is the anatomical term for the middle layer of the uterus that is responsible for the powerful contractions which expel the foal during parturition?
- A. Myometrium
- S. HIH 910-3 480/3
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8. C4 Q. When using a 2 bin composting system, the composted manure in the first bin would be ready to use after how many months?
- A. Two to four months (accept anything in this range)
- S. HIH 365-3 920/2

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9. C1 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
10. C2 Q. What is the purpose of a prophylactic medication?
A. Used to prevent a disease
S. DET p. 221 805/3
11. C3 Q. What is the base coat color of a red roan?
A. Bay
S. ES p. 47, Evans p. 81 300/2
12. C4 Q. If a lactating broodmare should be fed 3% of her body weight in total feed each day, how much total feed should a mare that weighs 900 pounds receive in a day?
A. 27 pounds of total feed intake
S. ES p. 107 700/3

End One-On-One

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Begin Open Questions

13. 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
14. 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 360-4 920/3
15. Q. What is the name of the person at a rodeo who helps the rider off 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
16. Q. What color results as a double dilution of bay?
- A. Perlino
- S. Evans p. 81 300/3

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Toss Up – Bonus Attached

17. Q. What **two** famous thoroughbred race horses were both known by the nickname “Big Red”?

A. Man-O-War and Secretariat

S. Evans p. 22 200/3

Bonus Question

18. Q. (Bonus) Name the **five** types of vertebrae and how many vertebrae there are in each region.

A. Cervical (7); Thoracic (18); Lumbar (6); Sacral (5) and Coccygeal (caudal) (accept anything in range of 15-21)

S. Kainer plate 7 410/3

Resume Open Questions

19. Q. A horse has both monocular and binocular vision. Of the two, which type of vision allows the horse to see with greater detail by focusing on something with both eyes?

A. Binocular vision

S. ES p. 58 800/2

20. Q. The facial portion of the skull consists of what **three** cavities?

A. Orbital (surrounds the eye); nasal (nose) and oral (mouth)

S. Evans p. 90 410/3

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21. Q. What is the name of the first “true horse”?
A. Equus
S. Evans p. 4; ES p.6 100/3
22. Q. A spavin refers to various diseases of what joint?
A. Hock
S. Lewis p. 404 410/2
23. Q. Anemia is the primary symptom of what type of mineral deficiency in the horse?
A. Iron deficiency
S. Evans p. 233 750/3

Toss Up – Bonus Attached

24. Q. (Two Part) In **most** equestrian events, which side of an obstacle is indicated by a red flag and which is indicated by a white flag?
A. Red flag-right hand side; white flag-left hand side
S. DET p. 230, 293 1070/3

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Bonus Question

25. Q. (Bonus) Name **four** clinical signs associated with fescue toxicosis.

A. Prolonged pregnancy

Decreased or absence of milk production

Thick and/or retained placenta

Decreased conception rate

Difficult delivery (thickened amniotic sac)

Foal born weak or dead

Decreased foal growth rate

Abortion

S. Lewis p. 347

700/3

Resume Open Questions

26. Q. How many acres of **good quality** pasture are required to meet the forage needs of a mature idle horse?

A. 2-3 acres (accept anything in within this range)

S. HIH 730-1

920/2

27. Q. What are the wing-like structures attached to the sides of the coffin bone?

A. Lateral cartilages

S. HIH 505-4

415/2

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28. Q. This type of breeding is not accepted by all breed associations.
It is the process of recovering a fertilized egg from the uterus of
one mare and transferring it to the uterus of another for gestation.
What is this type of breeding?

A. Embryo transfer

S. DET p. 9 510/3

29. Q. What is the general term used for a medication that is used to
counteract a poison?

A. Antidote

S. DET p. 12 800/2

Last Question of the Round

30. Q. Horses and ponies have 32 pairs or a total of 64 chromosomes.
How many chromosomes do domestic donkeys have?

A. 31 pairs or a total of 62 chromosomes

S. ES p. 16 550/3