

**2009 NYS 4-H Horse Bowl
Sr. Round 2**

One-On-One

1. C1 Q. Your horse is being ridden at a controlled and correct gait. The hocks are well under him and he is ridden well up to his bit with his neck flexed and jaw relaxed. What is the correct term for the movement and appearance of this horse?

A. Collected

S. DET p.61 640/1

2. C2 Q. In racing, what is a false start?

A. The start of a race is recalled because of infringement of the rules (will accept – a horse that breaks through the gate prematurely)

S. DET p.104 1040/2

3. C3 Q. What term refers to the mythological creature that had a head, torso and arms of a man and the body and legs of a horse?

A. Centaur

S. DET p.52 100/2

4. C4 Q. What should be done after rotating horses off pasture to spread manure out in a thin layer for drying?

A. Drag the pasture; harrowing with a chain harrow (only need to give one correct answer)

S. HIH 360-4 920/1

5. C1 Q. What is the name of the small wooden rails a horse is worked over to encourage the horse to lengthen its stride?

A. Cavalletti

S. DET 52 1010/2

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6. C2 Q. In horse shoeing, what is the name of the heavy steel block with a flat, smooth face on which horseshoes are shaped?
- A. Anvil
- S. DET p. 13; Evans p.727 900/2
7. C3 Q. When judging horses, what term is used to describe a horse with a dip in the top profile of the neck, making the neck appear “upside down”?
- A. Ewe neck
- S. DET p. 100; Evans p.145 600/2
8. C4 Q. What is the main difference in the design of a D-ring and an egg butt snaffle?
- A. The shape of the rings
- S. DET p.85, 89 1000/2
9. C1 Q. What is the term for a thick leather strap with 2 handles that is fastened around the horse’s barrel just behind the front legs and is used for vaulting?
- A. Surcingle
- S. DET p.281 1070/2
10. C2 Q. Which joint in the horse corresponds to the human knee?
- A. The stifle
- S. Evans p. 691 410/2

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11. C3 Q. What is the term for an animal of unknown breeding or ancestry?
A. Grade
S. HIH p. 110-5 220/1
12. C4 Q. On what continent did Equus originate?
A. North America
S. Evans p. 4 220/2

End One-On-One

Begin Open Questions

13. Q. What infectious disease, caused by the spore Bacillus anthracis, leads to acute blood poisoning and rapid death in the horse?
A. Anthrax
S. DET p. 12 820/3
14. Q. In which horse show class are young riders mounted and led by an adult handler?
A. Lead line
S. DET p.166 1010/2
15. Q. The United States Cavalry predominantly used what breed of horse for its troops?
A. The Thoroughbred
S. Evans p. 20 200/3

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16. Q. What term is used to classify the bulbourethral, vesicular and prostate glands in the stallion?
- A. Accessory sex glands (also accept ampullary glands Kainer 74)
- S. HIH 920-1, Evans p. 355 520-2

Toss Up – Bonus Attached

17. Q. (Two Part) In regards to pasture management, identify **two** circumstances when you should keep horses off pasture?
- A. During pesticide spraying, during fertilizing, to reduce overgrazing (to allow plants to rest and/or re-growth time), when there is fresh or lush pasture, during winter, when soils are wet
- S. HIH 360-3-4 920/2

Bonus Question

18. Q. Name **four** natural features that would be considered as part of an “environmental analysis” before establishing a new horse facility.
- A. Topography (slope of land), drainage, prevailing winds, solar radiation, precipitation, vegetation and soil characteristics.
- S. HIH 310-1 920/3

Resume Open Questions

19. Q. When considering barn safety, human carelessness and lack of safety knowledge are considered the single most significant factors in what tragic event involving equine facilities?
- A. Barn fires
- S. HIH 340-1, Evans p. 754 920/3

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20. Q. If you are using a lavage to treat a wound...What are you doing?
A. Washing the wound with a stream of fluid
S. DET p.165 800/3
21. Q. What is the only draft breed believed to have had an infusion of Arab and Barb ancestry?
A. The Percheron
S. Evans p. 69 200/2
22. Q. What color results as a double dilution of bay?
A. Perlino
S. Evans p.81 300/3
23. Q. What equipment is being described? This is used in speed-based events. The horse determines the "time" for this device. It has a clock that is "automatically" triggered when the horse starts the event and stops when the horse goes through the finish. What is the name of this device?
A. Automatic timer
S. DET p.18 1060/2

Toss Up – Bonus Attached

24. Q. (Two Part) What are **two** equine diseases that are caused by a type of Clostridium bacteria?
A. Tetanus (Clostridium tetani) and Botulism (Clostridium botulinum)
S. HIH 445-2, 445-8; Lewis p.168, p.362 800/3

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Bonus Question

25. Q. Many diseases have common or slang terms for them. Give the correct medical terminology for **each** of the following **four** diseases.

Sleeping sickness

Lockjaw

Shipping fever

Swamp fever

A. Eastern Equine Encephalomyelitis (also accept Equine Encephalomyelitis, encephalomyelitis or encephalitis) (sleeping sickness); Tetanus (lockjaw); Strangles (shipping fever); Equine Infectious Anemia (also accept EIA) (swamp fever)

S. Lewis pp.168-169, p.173, p.175 800/4

Resume Open Questions

26 Q. When traveling long distances horse should be offered water every 3-4 hours. Due to safety concerns, it is recommended that horses be unloaded, exercised and allowed time to eat and drink after how many hours?

A. After 18 hours

S. YLM 101-2 L 960/3

27. Q. Wells should be elevated above the surrounding area at a horse facility and located how many feet from horse paddocks?

A. 100 ft.

S. HIH 360-1 920/3

28. Q. What term identifies gene pairs (or gene alleles) that are **not** identical?

A. Heterozygous

S. Evans p. 431 550/3

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29. Q. What does the farrier remove from the hoof when trimming the hoof with a hoof knife?
- A. Excess dead tissue from the horse's frog and sole
- S. Evans p. 722, DET p. 142 900/2

Last Question of the Round

30. Q. How many bones are found in the horse's skull?
- A. 34
- S. Kainer plate 6 410/3