

**2009 NYS 4-H Horse Bowl
Sr. Round 3**

One-On-One

1. C1 Q. When a rider is riding side saddle they have both legs on the near side of the horse. What term refers to riding with one leg on each side of the horse?
- A. Astride
- S. DET p.17 1070/3
2. C2 Q. What movement is being described? The horse leaps into the air, keeping his back arched and lands with his forelegs stiff and his head held low.
- A. Buck (bucking)
- S. DET p.41 930/3
3. C3 Q. What is the correct medical terminology used to describe the humane or painless death of a horse through the action of a person (usually a veterinarian)?
- A. Euthanasia
- S. DET p.100 800/2
4. C4 Q. Glucose levels are controlled by the hormone insulin. What organ produces insulin?
- A. Pancreas
- S. Evans p.127 490/2
5. C1 Q. At what age of the horse do the permanent 1st or central Incisors erupt?
- A. 2 ½ years
- S. HIH 240-1, Kainer plate 49 430/2

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6. C2 Q. If the soil test indicates, what would you apply to a pasture to improve forage growth and raise the pH of soil?
- A. lime
- S. HIH 360-4 920/2
7. C3 Q. What is the horseman's term for the right side of the horse?
- A. The off side or far side
- S. DET p. 104 1070/2
8. C4 Q. Mares are classified by their breeding status. What does it mean if the mare is classified as an open mare?
- A. The mare that is not pregnant and not bred in the previous or current season
- S. YLM 230-1 510/3
9. C1 Q. What is the term used to describe a parasite that cannot live away from the host?
- A. Obligate parasite
- S. YLM 300-1L 800/2
10. C2 Q. What is the main purpose of the headstall in a bridle?
- A. To hold the bit evenly and comfortably in the mouth
- S. HIH 1100-6 1000/3
11. C3 Q. In which type of competition do horses perform without personal contact from a rider or handler, as in circus acts?
- A. Liberty classes
- S. DET p.168 1010/3

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12. C4 Q. The outermost layer of the skin, from which the hair and hooves grow, is known as what?
- A. Epidermis
- S. DET p.97 460/3

End One-On-One

Begin Open Questions

13. Q. Oak has been the wood traditionally chosen for construction of wood fences on equine facilities. What is the major advantage of using hardwoods, especially oak, for a fence?
- A. Oak has the advantage of being too hard for horses to chew
- S. Evans p.762, HIH 350-3 920/3
14. Q. As a foal matures the area of the long bones known as the physis ossifies. What is the common term used to describe the physis?
- A. Growth plate
- S. Kainer plate 13 410/2
15. Q. What is the term used to describe the reproductive habits of a mare indicating that she undergoes multiple estrous cycles but has a period of time during the year when she fails to cycle?
- A. Seasonally polyestrous
- S. HIH 910-5, Lewis p.235 510/2

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16. Q. When fluorescein dye is applied to the surface of the eye it will indicate if there is damage to what structure of the eye?
- A. Cornea
- S. DET p.110 820/3

Toss Up – Bonus Attached

17. Q. (Two Part) Horses respond differently to an unfamiliar object. What is the difference between a horse that shies and a horse that jibs to avoid an unfamiliar object?
- A. A horse that shies swerves (moves sideways) to avoid the object and a horse that jibs stops, refusing to go farther and backs away
- S. DET p.157, 245 910/3

Bonus Question

18. Bonus Q. Saddle pads or blankets serve what **four** purposes?
- A. To protect the horse's back
To absorb sweat and moisture
To protect the saddle
To help the saddle fit better
- S. HIH 1100-5 1000/3

Resume Open Questions

19. Q. A steeplechase is a race over natural and artificial obstacles such as fences, hedges and water jumps. How did this type of race get its name?
- A. In the late 1700's the races often went from one church to another
- S. DET p.255 1040/3

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20. Q. What color is the result of a single dilution of bay?
A. Dunn, Buckskin
S. Evans p.81 300/2
21. Q. Your neighbor owns a mule and has come to you for advice on breeding his mule. What is the most important thing you need to tell your neighbor?
A. You can't breed a mule (except for rare cases they are sterile)
S. Evans p.76 200/2
22. Q. What is the general term for a medication that is used to counteract a poison?
A. Antidote
S. DET p.12 800/2
23. Q. When comparing the Crossbuck and Decker saddles, which is best suited for hanging panniers and is usually rigged for a double cinch?
A. Crossbuck
S. YLM 118-1L 1020/3

Toss Up – Bonus Attached

24. Q. (Two Part) Vaulting is judged on teamwork and how well the vaulters and horse athletes work together. Similar to Olympic ice skating competitions, the individual or teams will be scored on two different types of performance. Name the **two** areas that are scored.
A. Compulsory moves and Freestyle routines.
S. HIH 185D-1 1010/4

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Bonus Question

25. Q. Name **four** factors that you would consider when choosing the type of bedding for a horse stall.
- A. Absorptive capacity Price
Ease of handling Availability
Clean up and disposal Dustiness
Texture (non-slip,etc.) Storage requirements
Irritability from dust or components causing allergies
Type of horses stalled (foaling stalls, etc.)
Non-toxic (ex. avoid wood shavings containing black walnut)
- S. HIH 330-2 920/3

Resume Open Questions

26. Q. What grain is being described? This grain is high in protein and energy. Because of its small kernel it must be processed before feeding. It may form a dough ball in the stomach if it is more than 50% of the grain mixture.
- A. Wheat
- S. YLM 302-2L 700/3
27. Q. Which bacteria is the cause of strangles in horses?
- A. Streptococcus equi
- S. HIH 615-1 850/3
28. Q. What are the wing-like structures attached to the sides of the coffin bone?
- A. Lateral Cartilages
- S. HIH 505-4 415/3

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29. Q. What is a bit guard?
- A. A rubber or leather ring that lies between the horse's cheek and the bit ring or shank to prevent pinching of the skin
- S. DET p.29 1000/2

Last Question of the Round

30. Q. How many times a year should pastures be mowed and chain harrowed or dragged to break up manure piles and expose parasite eggs to the elements?
- A. Two to four times per year
- S. HIH 365-6 920/3