

2009 NYS 4-H Horse Bowl
Jr. Round 7

One-On-One

1. C1 Q. What is the name of the organ in the cardiovascular system?

 A. The heart

 S. Evans 111

2. C2 Q. What breed of horse was the champion gaited horse named Wing Commander?

 A. American Saddlebred

 S. Evans 39

3. C3 Q. What is the name of the genetic disease, that is primarily found in certain Quarter Horse lines, and is characterized by episodes of muscular weakness, muscle tremors, and disorientation?

 A. HYPP (Hyperkalemic Periodic Paralysis)

 S. HIH 1060-6

4. C4 Q. What is the term for an adult equine that stands 14.2 hands or less at the withers?

 A. Pony

 S. DET 217

5. C1 Q. What vitamin's function is to assist in maintaining plasma calcium levels and is known as the sunshine vitamin?

 A. Vitamin D

 S. Lewis 48

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6. C2 Q. You own a purebred Quarter Horse mare that had a purebred Palomino colored foal. What breed association(s) can you register the foal with?
- A. AQHA (American Quarter Horse Association), PHBA/PHA (Palomino Horse Breeders Association/ Palomino Horse Association)
- S. Evans 49
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7. C3 Q. What is the name of the thick-walled, muscular vessels that carry blood from the heart?
- A. Arteries
- S. Evans 112
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8. C4 Q. What is the term for the condition resulting from excessive loss of body water or not enough intake of water?
- A. Dehydration
- S. DET 78
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9. C1 Q. Three Day Eventing is a combined training competition completed over three consecutive days. Name the three events that are held for this competition.
- A. Dressage, Cross country, Show jumping (stadium jumping).
- S. DET 267
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10. C2 Q. The genetic disease of hydrocephalus affects what part of the foal before birth?
- A. Head (brain)
- S. Evans 517

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11. C3 Q. There are six basic modifications of the black coat color. Name two of the modification colors.
- A. Bay, seal brown, buckskin, dun, grulla, and perlino.
- S. Evans 473
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12. C4 Q. What vitamin is necessary for normal blood clotting?
- A. Vitamin K
- S. DET 284, Lewis 50

End One-On-One

Begin Open Questions

13. Q. Give one reason why you would use a hoof boot on a horse.
- A. Treat the horse with medication
 Protect the foot from dirt
 Prevent further injury
- S. DET 142
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14. Q. Ringbone is a bony enlargement occurring in what region of the horse?
- A. Pastern
- S. DET 234
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15. Q. Why should you not apply manure within 150 feet of a pond?
- A. Protect water source from manure runoff
- S. HIH 365-3

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16. Q. What is the name of the disk-shaped structures found in the blood and are chiefly known for their role in blood coagulation?
- A. Platelets
- S. DET 214

Toss Up – Bonus Question

17. Q. When planning the development of a new horse facility, a water quality management plan is a good idea. Name one of the goals of such a management plan.
- A. Reduce runoff, protect groundwater
- S. HIH 360-1

Bonus Question

18. Q. Give three reasons why you would choose to use recycled newsprint as bedding over straw or wood shavings.
- A. Newsprint is pollen free, less dust, lighter in weight, more absorbent
- S. HIH 330-2

Resume Open Questions

19. Q. What is the name for the type of horse shoe pad that is removable after the shoe is on the foot?
- A. Hospital plate (pad)
- S. HIH 515-5

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20. Q. What breed of horse is most identified by a finely chiseled head, dished face, long arching neck, and a high tail carriage. They are usually between 14.1 to 15.1 hands high, average about 1,000 pounds, and have large hooves for their size probably enabling them to travel more easily over desert sands.
- A. Arabian
- S. HIH 150-1
21. Q. On what type of land is it suitable to spread manure that has not been composted?
- A. Cropland or other ungrazed, vegetated areas
- S. HIH 365-6
22. Q. As soon after birth as possible, a foal's naval cord should be treated with iodine to help prevent what bacterial infection in the foal?
- A. Neonatal Septicemia (joint or naval ill)
- S. Evans 427
23. Q. When riding, what is the term for moving the horse sideways, with no forward or backward movement?
- A. Side pass
- S. DET 245

Toss Up – Bonus Question

24. Q. Identify the following breed: This pony- sized equine is very sturdy, imported from Mexico but originated in the province of Galicia of Spain. It comes in all solid colors, performs natural gaits of walk, trot, canter, and running walk similar to the Pasos and Tennessee Walkers.
- A. Galiceno
- S. Evans 45

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Bonus Question

25. Q. A horse has developed sharp enamel points on their molars. Name three possible signs that there is a problem.
- A. Dropping feed, lateral head shake, fighting the bit, head-tilting, decreased performance, lugging inward or outward off the rail
- S. HIH 405-1

Resume Open Questions

26. Q. What is the definition of a lactating mare?
- A. A mare producing milk.
- S. DET 163
27. Q. What is the name of the dressage movement wherein the horse balances on his haunches while it rears drawing forefeet in?
- A. Levade
- S. DET 168
28. Q. What is the single most important characteristic in equine selection because it forms the basics for movement, length of stride, and ultimately performance?
- A. Balance
- S. HIH 220-5

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29. Q. What is considered to be the safest wire fencing for an area for foals?
- A. Five diamond, v-mesh wire
- S. HIH 350-3

Last Question of the Round

30. Q. The uterus of a mare is a multi-layered, hollow, Y-shaped organ. The base of it is called the uterine body, what are the two branches called?
- A. Horns
- S. HIH 910-3