

**2011 New York State 4-H Senior Horse Bowl
Round 2**

One-On-One

1. C1 Q. What is the anatomical term for the inner layer of the uterus?

 A. Endometrium

 S. HIH 910-3 480/3

2. C2 Q. Who is the foundation sire for the American Saddlebred horse?

 A. Denmark

 S. Evans p. 38 200/3

3. C3 Q. Where is the location of the swing team in a 6-horse hitch?

 A. The middle team (middle pair)

 S. DET p. 261 1050/2

4. C4 Q. When performed correctly, which hind foot should remain more
 or less in place when completing a spin to the right in a reining
 pattern?

 A. Right hind foot

 S. DET p. 213 1010/3

5. C1 Q. Horses and ponies have 32 pairs or 64 chromosomes.
 How many chromosomes does the Przewalski's horse have?

 A. 33 pairs or 66 chromosomes

 S. Evans p. 449 550/3

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6. C2 Q. A “tie-down” is the Western term for what type of martingale?

A. Standing martingale

S. HIH 1100-10 1070/2

7. C3 Q. Sweet clover poisoning results in altered blood clotting and a deficiency of which vitamin?

A. Vitamin K

S. Lewis p. 51 740/2

8. C4 Q. What term describes a horse that is gray with a basic coat color of red?

A. Rose gray

S. ES p. 45 300/3

9. C1 Q. What is the common term for the 1st premolar teeth?

A. Wolf teeth

S. Lewis p. 177 835/2

10. C2 Q. In regards to racing, what term describes the area where the horses are saddled and viewed before the race?

A. Paddock

S. Lewis p. 398; DET p. 201 1040/2

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11. C3 Q. What breed of pony is the descendant of the survivors of a shipwreck off the coast of Virginia?

A. Chincoteague

S. DET p. 55 200/2

12. C4 Q. What anatomical structure is located in the vertebral foramen?

A. Spinal cord

S. Kainer plate 7 420/3

End One-On-One

Begin Open Questions

13. Q. What is the **minimum** width of a gate that will be used to move equipment in and out of a pasture?

A. At least 12 feet wide

S. Evans p. 771 920/3

14. Q. Illness, fever and/or trauma to the testes would result in a lower sperm production. Normal production would not be restored until approximately how many days after the problem has been resolved?

A. Approximately 65 days (accept anything in 60-65 range)

S. HIH 920-2 520/3

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15. Q. You do the math... A horse that is 66 inches tall would be how many hands tall?
- A. 16.2 hands tall
- S. DET p. 129 600/3
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16. Q. In regards to watercourse management, what is the purpose of increasing the vegetative cover in drainage ditches or in buffer strips between steep slopes and waterways?
- A. Slows down runoff water, increases absorption of runoff water, filters animal waste out of runoff water, filters soil out of runoff water, helps prevent soil erosion (only need to give one answer)
- S. HIH 360-4 920/2

Toss Up – Bonus Attached

17. Q. Identify **two** of the three basic models of artificial vaginas.
- A. Colorado, Missouri or Fujihara
- S. Evans p. 376 500/3

Bonus Question

18. Q. Identify **three** types of overo or “non-tobiano” paint or pinto horse colors.
- A. Frame overo
Calico
Sabino
Splashed white
(Do not accept tovero as it is a combination of tobiano and overo)
- S. ES pp. 49-50; HIH 1040-3 300/3

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Resume Open Questions

19. Q. Man-O-War and Secretariat were both known by what “nickname”?
A. “Big Red”
S. Evans p. 22 200/2
20. Q. What farrier tool is used to remove nails that are broken off even with the web of the shoe or to expand the nail holes in a shoe?
A. Pritchel
S. Evans p. 727 900/2
21. Q. What term refers to an organism whose chromosomes carry two identical members of a given allele pair?
A. Homozygous
S. ES p. 90 550/2
22. Q. What organization governs the rules for reining horses?
A. NRHA (National Reining Horse Association)
S. HIH 183D-1 230/2

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23. Q. The administration of a strangles vaccine on a farm with recurrent outbreaks of the disease would be an example of treating horses with a prophylactic medication. What is the purpose of a prophylactic medication?
- A. To prevent a disease
- S. DET p. 221 805/3

Toss Up – Bonus Attached

24. 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

Bonus Question

25. Q. (Bonus) Identify **five** of the micro or trace minerals required by horses?
- A. Cobalt, copper, iodine, iron, manganese, selenium, zinc
- S. ES p. 131 750/3

Resume Open Questions

26. Q. What is the common term for the bacterial disease known as Tetanus?
- A. Lock jaw
- S. ES p. 172 820/2

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27. Q. What is the common term for the *Probstmayria vivipara* and *Oxyuris equi* parasites?

A. Pinworms

S. Evans p. 640 835/3

28. Q. In general, what structures in the horse are named for their action, shape and/or attachments?

A. Muscles

S. Kainer plate 16 410/3

29. Q. For fire safety, a building for hay storage should be located at least how many feet from any other structure?

A. At least 100 feet away

S. Evans p. 781 920/3

Last Question of the Round

30. Q. What structure of the horse's foot does the farrier trim with the nippers?

A. Hoof wall

S. Evans p. 742 900/2

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