

**2012 New York State Senior 4-H Horse Bowl
Round 3**

One-On-One

1. C1 Q. Plant poisoning from consumption of Johnson grass would be treated as what type of sudden death poisoning?
- A. Cyanide-induced sudden death poisoning
- S. Lewis p. 334 770/3
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2. C2 Q. What does the term trappy describe in regards to way of going?
- A. Short, quick, high and choppy stride (accept choppy stride)
- S. Evans p. 181 640/2
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3. C3 Q. A foal that is being weaned will call for its dam. This would be categorized as what type of behavior?
- A. Et-epimeletic behavior
- S. Evans p. 676 910/3
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4. C4 Q. In general, what type of horse is often used as a nurse mare because they produce more milk?
- A. Draft or draft-cross mares
- S. Lewis p. 273 510/3

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5. C1 Q. What is the pangaré effect?
- A. Gene that results in light areas on the muzzle, over the eyes, on the flanks and on the inside of the legs
- S. Evans p. 481 300/3
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6. C2 Q. All Standardbreds trace their ancestry to what horse?
- A. Hambletonian 10 (Hambletonian)
- S. HIH 171B-1 200/3
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7. C3 Q. What is the common name for *Oxyuris equi*?
- A. Pinworms
- S. Lewis p. 400 835/3
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8. C4 Q. What is the name of the famous endurance trail ride that takes place in California and is ridden over the former route of the Pony Express?
- A. Tevis Cup
- S. DET p. 266 1070/3

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9. C1 Q. What general type of medication is used to reduce a fever?

A. Antipyretic

S. DET p. 13 805/3

10. C2 Q. What organ receives oxygenated blood from the renal artery?

A. Kidney

S. Kainer plate 60 470/3

11. C3 Q. What would be added to the shoes of pack horses and mules to extend the life of the shoes?

A. Borium

S. Evans p. 738 900/2

12. C4 Q. What is the term used to describe an allele of a gene that has the ability when expressed to mask any observed phenotype from expression of either a different allele for the same gene or another gene regulating the same trait?

A. Dominant

S. ES p. 90 550/2

End One-On-One

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Begin Open Questions

13. Q. You do the math... A 25 year old horse would be equivalent to a human of what age?
- A. 75 years old (1 horse year = 3 human years)
- S. HIH 450-1 400/2
-
14. Q. A horse that has pediculosis is infested with what type of external parasite?
- A. Lice
- S. Lewis p. 399 835/3
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15. Q. An artificial lighting program for the manipulation of the estrous cycle of mares usually results in ovulation after how many days?
- A. 60 to 90 days (accept anything within this range)
- S. YLM ADV 336-2L 510/3
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16. Q. What is the poisonous chemical secreted by blister beetles?
- A. Cantharidin
- S. YLM ADV 300-3L 835/2

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Toss Up – Bonus Attached

17. Q. Which **two** anatomic structures aid the horse in collecting loose feed such as kernels of grain from a feed bucket or manger?
- A. Upper lips (also accept lips) and tongue
- S. Evans p. 93 430/3

Bonus Question

18. Q. (Bonus) Identify the **three** stallions that are **traditionally** considered to be the foundation sires for the Thoroughbred.
- A. Byerly Turk, Godolphin Arabian and Darley Arabian
- S. Evans p. 21 200/4

Resume Open Questions

19. Q. How does a straight shoulder affect the length of the back?
- A. The straighter the shoulder the longer the back
- S. YLM INT 223-3L 600/3
20. Q. A mare that has hyperkalemia has an abnormally high level of what electrolyte in her blood?
- A. Potassium
- S. DET p. 146 800/3

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21. Q. What is the purpose for the fleshy upper and lower eyelids known as “hooded eyes” which are characteristics of Exmoor ponies?

A. To protect their eyes from the harsh wind and rain

S. HIH 157B-2 200/3

22. Q. What is the **primary** cause of runoff and soil erosion on horse farms?

A. Overgrazing

S. HIH 360-4 970/3

23. Q. When comparing a cowboy shoe and a mule shoe... What are the **two** main differences in the **shape** of the mule shoe?

A. Mule shoes are longer, narrower, closer (narrower) at the heels (only need to give 2 answers)

S. Evans p. 732, 734 900/3

Toss Up – Bonus Attached

24. Q. Identify **three** types of teeth that are **only** present as permanent teeth.

A. Wolf teeth, molars and canines

S. HIH 405-1; Evans p. 92 435/3

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Bonus Question

25. Q. (Bonus) Name **four** of the approved coat patterns for a pony to be registered with the Pony of America Club.
- A. Snowflake, frost, blanket, leopard, few spot leopard, marbled roan, white with dark spots over hindquarters
- S. HIH 167B-2 300/3

Resume Open Questions

26. Q. What is the **minimum** height for an indoor arena that will be used for hunter/jumper horses?
- A. Minimum of 16 foot ceiling
- S. HIH 320-7 920/3
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27. Q. What piece of equipment can be used with young maiden mares to prevent lacerations, tears or bruises of the vagina or cervix during live cover breeding?
- A. Breeding roll
- S. Evans p. 413 500/3

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28. Q. What is the term for the chronic dermatitis that occurs from inflammation of the back of the pastern?

A. Grease-heel, Scratches, Grease or Mud fever (also accept cracked heels)

S. Evans p. 167; DET p. 183 620/3

29. Q. What is the common term for the middle phalanx?

A. Short pastern

S. Kainer plate 12 410/3

Last Question of the Round

30. Q. Charging refers to the behavior of a horse that suddenly attacks or savages a person or other horse. What does charging refer to in jumping events?

A. Rushing into the fence

S. DET p. 54 1075/3