

**2012 New York State Senior 4-H Horse Bowl
Round 6**

One-On-One

1. C1 Q. What specific type of bacteria causes Tetanus?
A. Clostridium tetani
S. HIH 445-2 820/3
2. C2 Q. What is the common term for the deformity of the jaw referred to as prognathia?
A. Monkey mouth or sow mouth
S. Lewis p. 396 600/4
3. C3 Q. What is the cry of the hunt once the fox has been sighted?
A. Tallyho
S. DET p. 262 1080/2
4. C4 Q. What marking is described as a muscular depression of unknown origin, is usually seen on the neck and sometimes seen on the shoulder?
A. Prophet's thumb
S. DET p. 221 310/4

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5. C1 Q. What noseband is a cross between a cavesson and a figure eight noseband?
- A. Flash noseband
- S. DET p. 109 1000/3
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6. C2 Q. Your horse is exhibiting the following symptoms...abrupt onset of open mouth with the tongue hanging out and **inability** to prehend or chew food. What type of plant poisoning do these symptoms indicate?
- A. Yellow star thistle or Russian knapweed (only need to give one answer)
- S. Lewis p. 315 770/4
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7. C3 Q. What color would be the result of the silver gene on a chestnut horse?
- A. Chestnut (the silver gene only affects black areas and does not affect red areas)
- S. HIH 1040-2 300/4
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8. C4 Q. What type of horse performs the gait known as the jiggle?
- A. Cow horse
- S. DET p. 157 640/4

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9. C1 Q. What type of trailer hitch must be securely attached to the frame **and** the truck bed?

A. Gooseneck

S. HIH 1155-1 960/3

10. C2 Q. What type of fence is low maintenance and has the longest life expectancy?

A. PVC/Vinyl

S. Evans p. 768; HIH 350-5 920/3

11. C3 Q. Inflammation of what specific anatomical structure results in the blemish referred to as a curb?

A. Plantar tarsal ligament (also accept plantar ligament)

S. Evans p. 165 620/3

12. C4 Q. What is the only basic modification of black that **does not** have black points?

A. Perlino

S. Evans p. 473 300/4

End One-On-One

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Begin Open Questions

13. Q. Other than the characteristic curly coat, what is unique about the mane and tail of the Bashkir Curly?
- A. It often falls out completely each summer and re-grows during the winter
- S. DET p. 8 200/4
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14. Q. What type of Rhinopneumonitis may invade the brain and spinal cord causing incoordination, paralysis and recumbency?
- A. EHV-1 (Equine Herpes Virus Type I)
- S. HIH 610-1 850/4
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15. Q. Wood is one of the most desirable materials for building stalls. What type of wood is considered to be the strongest and is less likely to be destroyed by horses chewing on it?
- A. Rough cut oak (also accept oak)
- S. HIH 320-5 920/3
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16. Q. Identify the **two** most palatable grasses for horse pastures.
- A. Kentucky bluegrass and timothy
- S. Lewis p. 109 780/3

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Toss Up – Bonus Attached

17. Q. What **three** main colors provide the basis for most other colors?
- A. Bay, black and chestnut
- S. HIH 1040-1 300/3

Bonus Question

18. Q. Identify **four** causes of diarrhea in foals.
- A. Nutritional causes
Foal heat
Parasites (threadworms, strongyles, ascarids)
Bacteria (E. coli, salmonella, clostridium, rhodococcus equi)
Virus (rotavirus, coronavirus, adenovirus)
Gastric ulcers
Sand ingestion
Combined Immunodeficiency
(also accept infection as general term that would include both viral and bacterial infections)
- S. Lewis p. 259 830/4

Resume Open Questions

19. Q. The luteinizing hormone stimulates the production of what hormone in the stallion?
- A. Testosterone
- S. Evans p. 361 490/4

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20. Q. Identify the following disease... Standing with the neck arched and stretched out, appears anxious, has saliva mixed with feed at the nostrils and is drooling saliva from the mouth.

A. Choke

S. Evans p. 611 830/611

21. Q. What is the common name for the medication Magnesium Sulfate that is used as a foot soak to promote drainage of a hoof abscess?

A. Epsom salts

S. HIH 540-2 805/3

22. Q. At what age does the hook on the upper corner incisor first appear?

A. 7 years

S. Kainer plate 49 435/3

23. Q. Which breed is known as the “Prince of Ponies” and “aristocrat of the show ring”?

A. Hackney Pony

S. Evans p. 61; HIH 158B-1 200/ 3

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Toss Up – Bonus Attached

24. Q. A true genetic lethal results in embryonic death which is death before birth. Which **two** color genes are lethal when they are **homozygous**?

A. Roan and dominant white

S. HIH 1060-4 550/4

Bonus Question

25. Q. (Bonus) There are many different nutritional deficiencies that may result in anemia. Identify **four** of these nutrients.

A. Iron Copper
Vitamin E Vitamin B6
Folic acid Vitamin B12
Protein Vitamin K

S. Evans p. 307; Lewis p. 51 700/4

Resume Open Questions

26. Q. In which joint would the calcaneus be found?

A. Hock (tarsus)

S. Kainer plate 30 410/4

27. Q. What term refers to the shield-like bulge between the eyes of Arabian horses?

A. Jibbah

S. HIH 153B-2 200/4

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28. Q. A saddle seat saddle is often referred to as a “cut back” saddle. The head of the saddle is cut back to accommodate what characteristic conformation aspect of the breeds that are most often shown in the saddle seat division?

A. High-withers (also accept anything that describes the high head and neck carriage)

S. HIH 1100-1 1000/3

29. Q. Poisonous plants that are classified as hepatotoxic primarily affect which organ?

A. Liver

S. Lewis p. 309 770/3

Last Question of the Round

30. Q. What is the common term for the external parasite *Stomoxys calcitrans*?

A. Stable fly

S. HIH 415-1 835/4