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
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

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

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

8. C4  Q. What type of horse performs the gait known as the jiggle?
A. Cow horse
S. DET p. 157  640/4
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

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

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

16. Q. Identify the two most palatable grasses for horse pastures.

   A. Kentucky bluegrass and timothy

   S. Lewis p. 109  780/3
17. Q. What three main colors provide the basis for most other colors?
   
   A. Bay, black and chestnut
   
   S. HIH 1040-1   300/3

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

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