

2013 Senior 4-H Horse Quiz Bowl

Round 1

Note: Welcome everyone, and try to get them to relax and smile. Have them test their buzzers.

Read: Please remember to wait until I verbally recognize you before you answer the question. The first questions will be one-on-one questions in which only the designated chair is allowed to answer.

Note: Please read the question number and state the chair number.

One-On-One

1. Chair 1: Which breed has had the most influence in the development of light horse breeds in America?
A. Thoroughbred (also accept Arabian since the TB was developed primarily from the Arabian)
Evans p. 17
2. Chair 2: What is the primary difference between a horse with a roan coat and a horse with a gray coat?
A. A roan horse's coat does not change over time (proportion of white hairs is the same at birth and each successive coat); gray will become lighter (more white hairs with each successive coat)
Evans p. 81
3. Chair 3: What term refers to a mature female horse that has never been bred?
A. Maiden mare DET p. 174
4. Chair 4: What is the common term for Equine Periodic Ophthalmia?
A. Moon Blindness Evans p. 521
5. Chair 1: Sun-cured hay is a good source of what vitamin?
A. Vitamin D Evans p. 260
6. Chair 2: What type of bit is considered to be the most severe western curb bit?
A. Spade bit HIH 1100-10
7. Chair 3: What is the slang term for the medication phenylbutazone?
A. Bute DET p. 43
8. Chair 4: What is the purpose of adding stickers or "mud calks" to the heel of a racing plate?
A. To increase traction on a muddy race track (accept to increase traction) Evans p. 735

Read: We are now moving on to the toss-up questions, and anyone can answer.

Toss-Up Questions

9. (Two Part) What is the recommendation for the **minimum** height for a perimeter fence and the **minimum** height for a fence used to divide pastures?
A. 5 feet (60 inches) (perimeter); 4 ½ feet (54 inches) (divider) Evans p. 760; HIH 350-1

Read: Question 10 has a bonus attached. The team that answers the question correctly will have an opportunity to answer the bonus question. If #10 is not answered or is incorrect, the bonus will fall to the next question answered correctly.

10. What is the common term for the ossification of the lateral cartilages of the distal phalanx?
A. Sidebones Kainer plate 12

Bonus

Identify four advantages of having a “Dutch” or open top exterior door for each horse stall.

A. Improves stable ventilation (better air quality), More light, Permits horse to put head out into fresh air, Decreases respiratory diseases, Helps alleviate boredom/stable vices, Provides a fire exit

Lewis p. 181

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

A. Stable fly

HHH 415-1

12. In a ranch operation, what is the purpose of a boundary rider?

A. To ride the fences of the property and repair any problems DET p. 36

13. What is the name for the winged horse of Greek mythology?

A. Pegasus

DET p. 207

14. Giving the horse more selenium, vitamin E and reducing grain intake on days the horse is idle are nutritional preventatives for what metabolic disorder in horses?

A. Tying up (also accept Recurrent Exertional rhabdomyolysis, Monday morning sickness, Azoturia)

Evans p. 306

Read: Question 15 has a bonus attached.

Note: If the previous bonus question (from #10) is still in play, use that one first. Then the next question answered correctly will have a bonus attached. Bonuses still in play at the end will go away if no questions answered correctly.

15. What is the common term for the 1st premolar teeth?

A. Wolf teeth

Kainer plate 49

Bonus

In addition to a hoof pick, what are the **three** basic tools used by a farrier when trimming the feet?

A. Hoof knife (farrier's knife), rasp and hoof nippers (nippers) Evans p. 722, 725

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

A. Liver

Lewis p. 309

17. You are the veterinarian treating a horse with West Nile Encephalitis. The horse's owner is concerned and wants to know why you are not treating the horse with an antibiotic. Explain why.

A. West Nile is caused by a virus and antibiotics are used to treat bacterial diseases

HHH 665-2; DET p. 12

18. What type of internal parasite causes “summer sores”?

A. Stomach worm (also accept Habronema)

Lewis p. 158

19. What term refers to a wild Australian horse?

A. Brumby

DET p. 41

20. You are judging a cutting horse competition. It is important to remember when calculating the final scores that each entry begins with what score?

A. 70 points

HHH 180D-1