

## 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 1<sup>st</sup> 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