

**2014 4-H Horse Quiz Bowl  
Junior Round 1**

**One on One Questions**

1. (Chair 1): In reference to horses, seeing one scene with both eyes is called what?  
**Ans. Binocular Vision** **HIH 1220-1**
2. (Chair 2): Potomac horse fever is caused by what parasite?  
**Ans. Ehrlichia Risticii** **HIH 445-7**
3. (Chair 3): What piece of equipment is used to protect the head of a horse that fights a trailer when being hauled?  
**Ans. Head bumper** **HIH 1150-3**
4. (Chair 4): What is an Appendix Quarter Horse?  
**Ans. A foal born of a Registered Thoroughbred and a registered QH** **HIH 168B-1**
5. (Chair 1): Which is the most prominent color in the American Quarter Horse?  
**(Brownish Red)** **HIH 168B-1** **Ans. Sorrel**
6. (Chair 2): At what age are foals normally weaned?  
**Ans. 4 to 6 months of age** **HIH 950-4**
7. (Chair 3): What vice is a horse likely to develop if it's diet is lacking in long stemmed roughage?  
**Ans. Cribbing** **HIH 710-5**
8. (Chair 4): In what city was the American Quarter Horse Association formed?  
**Ans. Fort Worth, Texas** **HIH 153-1**

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

**Toss Up Questions**

9. Ossification of the lateral cartilage resulting from injuries that cause calcium to accumulate and harden is called what?  
**Ans. Side bones** **HIH 230-3**
10. Which disease is caused by the Borrelia burgdorferi bacterium?  
**Ans. Borreliosis or Lyme disease** **HIH 655-**

**BONUS**

Name three of the horse's physiological systems.

**Ans. Cardiovascular system, respiratory system, muscular system, nervous system, olfactory system, digestive system, excretory system, reproductive system, etc.** **HIH, 850-1**

11. What type of "non-leverage" bit puts direct pressure on the corners of the horse's mouth and tongue?  
**Ans. Snaffle** **HIH 1100**
12. What color of horse is typically born a solid color and gets lighter with age?  
**Ans. Gray** **HIH 140-1**

13. What is the name of the anti-coagulant in moldy clover hay that can cause blood not to clot?  
**Ans. Dicumerol** **HHH 750-3**

14. What is the minimum amount of long stemmed roughage needed to satisfy a horse's roughage needs?  
**Ans. 0.75-1% of a horse's body weight daily** **HHH 710-4**

15. How many chromosomes are in each horse cell?  
**Ans. 64** **HHH 1060-1**

**BONUS**

Name four of the colors the International Buckskin Association allows to be registered.  
**Ans. Buckskin, Dun, Red Dun, Grullo** **HHH 173-1**

16. How long is the gestational period of a horse?  
**Ans. 11 months (or 340 days)** **HHH 940-2**

17. What stimulates horses into growing their winter coats?  
**Ans. The shorter day length (NOT cold weather)** **HHH 420-1**

18. In what state was the Palomino Horse breeders of America originally formed?  
**Ans. California** **HHH 164B-1**