

**2010 4-H Horse Quiz Bowl  
Senior Round 1**

**One-on-One Questions**

1. (Chair 1): What should the maximum height of the bottom board of a pasture fence be to prevent foals from rolling underneath the fence?

**Ans. 12 inches**

**HIH 350-2**

2. (Chair 2): What is “exercise induced pulmonary hemorrhage”?

**Ans. The presence of blood in the respiratory tract after exercise HIH 810-2**

3. (Chair 3): What is another name for a Streptococcus Equi infection?

**Ans. Strangles**

**HIH 615-1**

4. (Chair 4): What stage of estrus would a mare be in if she pins her ears, squeals, and tries to kick or bite the teaser?

**Ans. Diestrus**

**HIH 910-5**

5. (Chair 1): What is the name of the cartilage flap that serves to prevent food from entering the larynx when swallowing occurs?

**Ans: epiglottis**

**Evans, 105**

6. (Chair 2): What is the term for a group of animals that have certain distinguishable characteristics?

**Ans. Breed Evans, 16**

7. (Chair 3): What structure in the mare is responsible for the production of estrogen and progesterone?

**Ans. The ovaries**

**HIH 910-4**

8. (Chair 4): At rest, the normal horse breathes at a rate of how many times per minute?

**Ans. 8 to 16**

**Evans, 108**

**Toss-Up Questions**

9. What are the two primary structural deviations that exist in the knees of horses as they are viewed from the side?

**Ans. Buck-kneed (over at the knee) and Calf-kneed (back at the knee)**

**HIH 230-5/6**

10. What is a substance that is incorporated into feed to provide some desired characteristic such as color, flavor, or enhanced utilization?

**Ans. Additives**

**FCH, 380**

**BONUS**

Name the four fat soluble vitamins.

**Ans. A, D, E, K**

**Evans, 251**

11. What is the formation of excessive granulation tissue in wounds on the limbs called?

**Ans. Proud flesh**

**HIH 440-4**

12. What is the soft material that fills the cavities of the bones?

**Ans. bone marrow**

**FCH, 382**

13. Which breed of horse is known as the “aristocrat of the show ring”?

**Ans. The hackney**

**HIH 170-1**

14. What is the minimum recommended height of a stall ceiling?

**Ans. 8 feet**

**HIH 320-3**

15. What does bishoping mean?

**Ans. some horse dealers used to change the table surface of the teeth by using fillings or by burning**

**HIH 240.1**

### **BONUS**

Name four signs indicating that the roots of the cheek teeth are infected.

**Ans. Slow eating, progressive unthriftiness, quidding, shaking or tilting the head, swelling of the face or jaw, draining tracts, and nasal discharge**

**HIH 405-3**

16. How long should a horse be isolated from the remainder of the herd when it becomes ill with a potentially contagious disease?

**Ans. 10 days beyond complete recovery**

**HIH 445-1**

17. The minimum height of a covered arena for general riding is 14'. How high should the ceiling of an arena used to train jumpers be?

**Ans. 16'**

**HIH 320-7**

18. An animal with one or both testes undescended into the scrotum is known as what?

**Ans. Cryptorchid**

**Evans, 387**

19. How many muscles are used to control the horse's ear?

**Ans. 10**

**Evans, 121**

20. Name two horse breeds that were involved in the development of the Tennessee Walking Horse.

**Ans. Morgan, Thoroughbred, Standardbred, American Saddlebred**