

**2017 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: The fastest hoof growth rate would be expected in which of these horses: foal, 2 year old, or mature horse? **A: foals (HIH 505-6)**

2. Chair 2: What structure enhances the surface area for maximum absorption of nutrients in the small intestines? **A: villi (HIH 710-1)**

3. Chair 3: What ointment is made from a coal tar base that has a soothing, drawing effect and is used to treat abscesses?
A: Ichthamol (DET p. 149)

4. Chair 4: What is the country of origin for the Connemara Pony?
A: Ireland (EVANS 65)

5. Chair 1: Name the disease caused by a herpesvirus in the form of EVH-1 or EVH-4 that can result in upper respiratory signs of inflammation or infection.
A: Rhinopneumonitis (HIH 610-1) Pronounce (moderator): (Rhino – new – mo –night – us) more leeway on pronunciation for senior student

6. Chair 2: In what type of horse trailer is the hitch not only attached to the truck bed but also to the frame under the truck bed?
A: Gooseneck Trailer (HIH 1155-1)

7. Chair 3: What kind of shoe is used to elevate the heels of a horse that is confined to stall rest?
A: The Patten Shoe (HIH 515-5)

8. Chair 4: What term refers to a mature female horse that has never been bred?
A: Maiden (or Maiden Mare) (DET 174)

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

Toss-Up Questions

9. A lactating mare will drink, on the average, how much water compared to a non-pregnant mare?
A: 2-3 times as much (HIH 710-1)

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 one way to prevent blister beetles in alfalfa hay?

A: Cut alfalfa hay prior to flowering or prior to midsummer (summer ok) (Lewis 366)

Bonus Question:

What is the chemical in the secretion from blister beetles that is poisonous to horses when eaten?

A: Cantharidin (HIH 415-9)

11. What is the tubular structure in the center of the tooth called that forms the cups?

A: Infundibula (DET 110)

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

A: Liver (LEWIS 309)

13. True or False: By analyzing color genetics and using selective breeding, it is possible to add white hairs or white patches to any of the basic body coat colors?

A: TRUE (HIH 1040-2)

14. Name 4 body colors registered by the International Buckskin Horse Association?

A: Buckskin, Dun, Gruella (Grulla), and Red Dun (HIH 154B-1)

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 most widely used pack saddle that is usually double rigged?

A: A crossbuck or sawbuck saddle (either or both accepted as answer) (HIH 1125-3)

Bonus Question

What type of flat saddle, often used with the American Saddlebred, places the rider well behind the withers and just behind the center of the horse?

A: Saddle seat or cut back saddle (HIH 1100-1)

16. Which sex of a horse is determined by X Y pairing of chromosomes?

A: Stallion or Male horse (The Horse 447)

17. What condition is characterized by the cannon bones being set too far to the outside of the knee?

A: Bench Knees or offset knees (HIH 230-3)

18. What is the term used when a horse is lying down close to a wall or fence so the horses legs are trapped and cannot get up without assistance?

A: Cast (DET 51)

19. The bacteria that can eat away at the frog and commissures needs an **aerobic** or **non-aerobic** environment?

A: Anaerobic (HIH 540-1)

20. True or False. A rider in a competition called "eventing" would most likely use what type of English saddle in the cross country event. **A: Forward seat, close contact, jumping saddle (HIH 1100-1)**