

One-On-One

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2006 Eastern National 4-H Horse Bowl Round Five

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| 5 C1 | Q. | What structure is commonly found on a barn roof and functions to properly ventilate the barn? | |
| | A. | Cupola, ridge vents | |
| | S. | HIH 320-8 | 900/3 |
| 6 C2 | Q. | Wheat bran is a by-product that can be added to a horse's ration as a source of additional fiber. What part of the wheat is the bran? | |
| | A. | The bran is the outer covering of the wheat kernel which is removed during the cleaning and processing of the grain | |
| | S. | HIH 760-8 | 700/3 |
| 7 C3 | Q. | Which nutrient can be used for energy, but is less efficient in conversion to energy and is commonly used for growth and tissue maintenance? | |
| | A. | Protein | |
| | S. | HIH 820-1 | 760/3 |
| 8 C4 | Q. | What group of parasites are the most significant and common of all of the equine's parasites? | |
| | A. | Strongyles (bloodworms) | |
| | S. | HIH 430-1 | 835/3 |

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9 C1 Q. What is the common name for an infection of the cranial nuchal bursa?

A. Poll evil

S.	Kainer plate 20	810/3
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10 C2	Q	Dicoumarol in moldy sweet clover affects blood clotting by causing a deficiency of which vitamin?
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A. Vitamin K

S. Lewis pg 332 770/3

11 C3 Q. Which nutrient has the highest energy density?

A. Fat

S. YLM 302-2 710/3

12 C4 Q. What term refers to a remedy used to counteract a poison?

A. Antidote

S. DET pg 12 770/3

End One-On-One

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Bonus

- 21 Q. (Bonus Question) Excessive salivation or slobbering may be caused by trauma to the mucous membranes of the mouth from a variety of plants and grasses. Identify three other causes (other than plants) of this symptom.
- A. Choke Sharp points on the teeth
Poorly fitting bits Inappropriately used bits
Infectious diseases of the mouth (ex. Vesicular stomatitis)
Horses bedded on wood shavings containing bitter weed
Drugs Old toothless horses
- S. Lewis pg 301 830/4

Resume Open Questions

- 22 Q. An abscess of the hoof can cause intense pain and lameness. Other than protecting the area and antibiotics, what is the most important thing to do to encourage resolution of this infection?
- A. Drainage of the abscess.
- S. HIH 540-2 815/3
- 23 Q. What is the major event of the third stage of labor?
- A. Expulsion of the placenta
- S. Kainer Plate 73 510/4
- 24 Q. You are evaluating a horse for purchase and it appears sound on examination and gaiting. What would you look for when examining the hooves to determine if the horse has experienced chronic laminitis?
- A. Irregular rings on the hoof wall (also a wide white line at the toe and a flat sole could be considered acceptable)
- S. HIH 540-5 815/3

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- 25 Q. What is the difference between bradycardia and tachycardia?
- A. Bradycardia is an unusually slow heart rate; tachycardia is an unusually rapid heart rate
- S. DET pg 37, 262 840/3

Toss Up – Bonus Attached

- 26 Q. Give two names for the artificial gait of the Tennessee Walking Horse that is characterized by a smooth, fluid motion; the hind foot overstrides the print of the front foot, and there is a nodding of the head.
- A. Running walk and plantation gait
- S. Evans pg 178 640/4

Bonus

- 27 Q. (Bonus Question) Name three things baling hay too wet – moisture content greater than 20% - will cause?
- A. Cause hay to become moldy (brown/black in color)
Will generate heat that will cause a loss of vitamin content
Will decrease protein digestibility
May lead to spontaneous combustion
- S. YLM 337-2, Lewis pg 115, HIH 750-4 700/4

Resume Open Questions

- 28 Q. What structure on the ventral surface of the hoof is used as the guideline for shaping the hoof and nail placement?
- A. White line
- S. HH 525-1 900/3

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- 29 Q. What breed of horse is described as having a primary color of chestnut, but includes a wide range of other colors, having a refined head with small ears, a long neck with considerable arch, a high withers, used today primarily as a show horse and can be 3 or 5 gaited and shown in fine harness?
- A. American Saddlebred Horse
- S. HIH 156-1, Evans pgs 38-9 200/3
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30. Q. What is the minimum width for a stall door?
- A. 4 feet
- S. YLM 207-2, HIH 320-6 920/3
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- 31 Q. What class of horse, as defined for feeding management, might require increased quantities in the diet or unrestricted access to free choice salt?
- A. Working horses (lose salt through sweating)
- S. HIH 710-7 750/4

Last Question of the Round

32. Q. Name one type of insurance that covers breeding mare infertility.
- A. Barrenness Insurance, Prospective Foal Insurance and Live Foal Insurance
- S. HIH 1340-3 1100/3