

One-On-One

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2006 Eastern National 4-H Horse Bowl Round Four

5 C1 Q. What chamber of the heart is the primary pumping chamber for moving oxygenated blood to the body?

A. Left ventricle

S.	Kainer plate 57	440/3
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6 C2 Q. Located beneath the ear, what is the largest of the horse's three salivary glands?

A. Parotid salivary gland

S DET pg 205 430/3

7 C3 Q. Epiphora is the result of a blocked nasolacrimal duct and results in the overflow of what fluid?

A. Tears

S.	Kainer plate 45	420/3
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8 C4 Q. What hoof disease is commonly a result of owner neglect and dirty wet living conditions for the horse?

A. Thrush

S. HIH 540-1 815/3

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9 C1 Q. What is the proper name (genus and species) of the most dangerous of the three large strongyles?

A. *Strongylus vulgaris*

S. HIH 430-2 835/3

10 C2 Q. What type of gene action is demonstrated when a trait of a horse is the result of the additive effect of many genes?

A. Quantitative

S. HIH 1020-3 550/3

11 C3 Q. Endocarditis is an inflammation or infection of the lining of what organ?

A. Heart

S. DET pg 91 840/3

12 C4 Q. Lactating mares have an increased need for water due to the loss of water from what?

A. Milk production

S. Lewis pg 4 700/2

End One-On-One

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- 25 Q. Using wood shavings for bedding is more costly than using straw, but the additional cost can be justified financially by savings in what area?
- A. Labor
- S. HIH 330-1 920/3

Toss Up – Bonus Attached

- 26 Q. (Two part) In reference to horses, what two purposes does Epsom salts serve?
- A. Laxative or to treat a foot abscess or bruise
- S. DET pg 98 870/3

Bonus

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|----|----|--|--------------------|
| 27 | Q. | (Bonus Question) Give 3 symptoms of liver failure. | |
| | A. | Weight loss | Depression |
| | | Abnormal behavior | Icterus (jaundice) |
| | | Bloody urine | Anemia |
| | | Photosensitization | |
| | S. | Lewis pg 310 | 800/4 |

Resume Open Questions

- 28 Q. An egg bar horseshoe is used to provide additional support to what part of the hoof?
- A. Rear portion or heels.
- S. HIH 515-4 900/3

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- 29 Q. In feeding, what is the best way to insure the horse has adequate salt intake?
- A. Have salt available free choice – the horse will consume enough to meet its needs.
- S. Lewis pg 25 750/3
- 30 Q. What is the most common symptom of black walnut poisoning?
- A. Founder (laminitis)
- S. Lewis pg 323 770/3
- 31 Q. Explain why a boticide should be given one month after the first frost?
- A. The frost will kill the adult flies which eliminate further eggs and larvae. After one month any larvae will have migrated to the stomach and will be subject to the effects of the dewormer.
- S. Lewis pg 161 830/4

Last Question of the Round

- 32 Q. What term id used to describe the middle team in a six horse hitch?
- A. Swing team
- S. DET pg 261 1050/3