

## 2003 Eastern National 4-H Horse Round-Up

### Round 4

#### Begin One-On-One

- ✓1. Cat. 400 Q. What is the term for a body-regulating chemical secreted by a gland into the blood stream?
- A. Hormone
- S. Evans, p. 126
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2. Cat. 800 Q. Which classification of wound would describe a rope burn?
- A. Abrasion
- S. Evans, p. 608
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3. Cat. 500 Q. Which hormone is responsible for milk let-down and contractions during parturition?
- A. Oxytocin
- S. Evans, p. 340
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4. Cat. 900 Q. What is the term used for a kick that is forward and sideward?
- A. Cowkick
- S. Evans, p. 182

5. Cat. 800 Q. Even during the winter, the average 1000 lb. horse will consume how many gallons of water per day?  
A. 10-12 gallons per day - Side note\*\*  
S. AYHCLM, p. B104-1L
6. Cat. 600 Q. Medically speaking, what causes a splint?  
A. Tear of the interosseous ligament that binds the splint bones to the cannon bone  
S. Evans, p. 159
7. Cat. 700 Q. What happens when hay is baled with a moisture level of 30%?  
A. Hay will become moldy  
S. AYHCLM, p.337-2L & HIH 750
8. Cat. 400 Q. How many bones are in the sternum?  
A. One  
S. Evans, p. 90

Side Note \*\* - Seem to remember a source that gave the 10-12 range.

9. Cat. 600 Q. Which unsoundness is rarely found in ponies, and is less common in the light breeds than in the draft breeds? It is a calcification of the lateral cartilages of the coffin bone.
- A. Sidebone
- S. Evans, p. 160
10. Cat. 900 Q. What is the most important factor that improves the appearance of a horse's hair coat?
- A. Frequent and thorough grooming
- S. FCH, p. 180
11. Cat. 600 Q. Describe which parts of the horse interfere when a horse forages
- A. Toe of the Hind foot hits the Sole or the Shoe of the Forefoot on the same side.
- S. Evans, p. 173
- ✓12. Cat. 800 Q. What is arrhythmia?
- A. Irregularity in the rhythm of the heartbeat
- S. Evans, p. 116

**End One-On-One**

### Begin Open Questions

13. Cat. 600 Q. What is a broken crest?  
A. When a horse has an excessively thick crest that lops to the side  
S. Evans, p. 145
- ✓14. Cat. 300 Q. What dilution of which coat color results in Grulla?  
A. Black  
S. Evans, p. 81

### Toss-Up Question – Bonus Attached

15. Cat. 900 Q. Two-Part Question: What is an “escape vice” and give two (2) examples.  
A. Vice associated when a horse is unhappy or restless at being in a certain place (ie. Stall, pasture, etc.)
  - Pawing/digging holes
  - Pacing wall/fence
  - Trying to jump out of stall/paddock
  - Weaving
  - Head nodding  
S. FCH, p. 370

### Bonus Question

16. Bonus Q 400 Q. Name five bones found in the horse’s head.  
A.
  - Frontal bone
  - Incisive bone (premaxillary)
  - Mandible
  - Maxillary bone
  - Basis Phenoid
  - Occiptal bone
  - Nasal bone
  - Orbit
  - Temporal fossa/Temporal Bone
  - Pterygoid
  - Hoiyd Bone  
S. Evans, p. 90, CAHA 42

**Resume Open Questions**

17. Cat. 500 Q. Most of the maturation and storage of spermatozoa occurs in which part of the reproductive tract of the stallion?
- A. Epididymis
- S. Evans, p. 358
18. Cat. 700 Q. To maintain body weight on a horse, what is the primary nutrient of concern?
- A. Energy
- S. AYHCLM, p.A304-2L
19. Cat. 100 Q. During the early 1900's, there were 21 million horses in the United States, what type were the majority of these horses?
- A. Draft type, Work Horses
- S. Evans, p. 9

**Toss-Up Question – Bonus Attached**

20. Cat. 400 Q. Name three (3) complex joints of the horse.
- A.
- Fetlock
  - Hock
  - Knee
  - Carpus
  - Stifle
- S. Evans, p. 90

**Bonus Question**

- ✓21. Bonus Q 800
- Q. Name four (4) factors that would elevate a horse's temperature to 103° Fahrenheit or higher.
- A.
- Infection or disease
  - Stress
  - Pain
  - Exercise
  - Heat Stroke
- S. Evans, p. 608

**Resume Open Questions**

22. Cat. 800
- Q. Halitosis is almost always present with what condition?
- A. Infected teeth
- S. HIH, p. 405-3
23. Cat. 500
- Q. Chromosomes are long, slender, thread-like structures that are paired. Are these pairs identical in nature?
- A. No, the pairs are not exact duplicates, because one of each pair is received from the sire and one from the dam.
- S. AYHCLM, p.A335-1L
24. Cat. 600
- Q. If a horse's elbow is set too close to the body, what effect will this have on the horse's feet?
- A. Horse will toe out; Excessive wear on inside of foot
- S. Evans, p. 146

25. Cat. 400 Q. Where on the outside of a bone would you NOT find the periosteum?
- A. At their points of articulation
- S. Evans, p. 90

**Toss-Up Question – Bonus Attached**

26. Cat. 700 Q. Hay that is beige in color can be indicative of what two (2) factors?
- A.
- Hay is sun-bleached
  - Leached of nutrients by rainfall
  - Over mature at harvest
- S. AYHCLM, p.337-1L & HIH 750

**Bonus Question**

27. Bonus Q  
600 Q. Name four (4) attributes of a “coarse” head.
- A.
- Large
  - Small eye
  - Thick muzzle
  - Roman nosed
  - Large/lopped ears
  - Thick throat latch
- S. Evans, p. 141

**Resume Open Questions**

28. Cat. 1000 Q. Two-Part Question: What type of bit action does the hackamore have and explain why.
- A.
- Leverage action bit
  - Fixed cheek pieces
  - Shanks
  - Applies pressure to the poll and under the chin, nose
- S. AYHCLM, p. B108-3L

29. Cat. 200 Q. What does an asterisk preceding a horse's registered name indicate?  
A. That the horse has been imported  
S. Evans, p. 18
30. Cat. 400 Q. How many "milk teeth" does a six month old foal have?  
A. 24 milk teeth  
S. Evans, p. 92
31. Cat. 900 Q. Charging is most commonly seen in what type of horse?  
A. Stallions  
S. Evans, p. 183

**Last Question in Match**

32. Cat. 500 Q. In the stallion the hormone FSH exerts its effect on which cells?  
A. Sertoli cells  
S. HH 920-2

**End Round Four**