

2004 EASTERN NATIONAL 4-H HORSE BOWL  
ROUND ONE

ONE – ON – ONE

1. Q.       What is the name of the protective boots that fit over the coronet band and bulbs of the heel?  
  
A.     Bell boots  
  
S.     IDET, p. 26
  
2. Q.       In reference to motion, what is an “acquired gait”?  
  
A.     Gait that a horse must be taught.  
  
S.     IDET, p. 3
  
3. Q.       What breed of horse would you find in the “American Studbook”?  
  
A.     Thoroughbred  
  
S.     IDET, p. 10
  
4. Q.       What do the initials A-H-C stand for?  
  
A.     American Horse Council  
  
S.     IDET, p. 5

5 (1) Q. Why do horses that "Tie-Up" sometimes have dark colored or coffee colored urine?

A: Myoglobin is released from damaged muscle and is incorporated into the urine. (Also accept the breakdown of muscle tissue.)

S: The Horse – pg. 306

6 (2) Q. What is the normal temperature for a healthy Horse at rest?

A. 99.5 – 101.5 F

S. HIH 440 – 6

7 (3) Q. What disease is characterized by an excessive breathing noise usually heard during exercise caused by an upper airway obstruction?

A: Laryngeal hemiplegia (Roaring)

S: HIH - 810 - 3

8 (4) Q. How is stringhalt most easily detected?

A: By backing the horse

S: The Horse – pg 164

9 (1) Q. For what disease is a vaccine given to broodmares at the fifth, seventh and ninth month of pregnancy?

A. Rhinopneumonitis

S. AYHC 445-3

10 (2) Q. What is the term used to describe a bursitis or swelling at the point of the elbow?

A: Capped Elbow or Shoe Boil

S: The Horse - P: 163

11 (3) Q. What is the purpose of an anthelmintic drug?

A: To deworm horses

S: Evans 646

12 (4) Q. In show jumping, what is meant when a competitor has a "clear round"?

A: Round is completed without jumping or time faults. (Also accept "No Faults".)

S: IDET, p. 58

END ONE - ON - ONE

BEGIN OPEN QUESTIONS

13. Q. What is carpalitis?

A: Popped knee or an enlargement of the knee joint as a result of inflammation.

S: Evans - pg: 163

14. Q. What are 4 of the 6 basic vital signs of the horse?
- A. Temperature, Pulse, Respiration, Capillary Refill Time, Mucous Membrane Color, Skin Pliability.
- S. HIH 425 -1-2

#### TOSS UP – BONUS ATTACHED

15. Q. Name three colors accepted into the American Buckskin Registry Association.
- A. Buckskin, Dun, Red Dun and Grulla
- S. IDET, p. 8

#### BONUS QUESTION

16. Q. In reference to Rodeo – name an event that has a rope barrier
- A. Tie down/calf roping; Team roping/heading & heeling; Steer Wrestling/Bull-dogging
- S. IDET, p. 24

#### RESUME OPEN QUESTIONS

17. Q. What part of the horse's leg is covered by a shipping wrap?
- A. Extend from the knee or hock downward including the coronary band

S. AYHCLM B101 – 2L

18. Q. The domestic horse belongs to which species?

A. Equus Caballus

S. Evans, p. 13

19. Q Which region of the horse's vertebral column is the most flexible?

A. The cervical region. (Do not accept "Neck".)

S. Evans, p. 96

TOSS UP – BONUS ATTACHED

20. Q. In which country did the "Asiatic Wild Horse" originate?

A. Mongolia

S. IDET, p. 16

BONUS

21. Q. What perennial weed has five bright yellow petals and five green sepals and may cause diarrhea and colic if ingested by the horse?

A: Buttercups

S: LEWIS -P: 306

## RESUME OPEN QUESTIONS

22. Q. What structure acts as a safety device in that it will help to prevent a horse from falling out of the trailer when the rear door is open?

A. Butt bar or butt chain

S. AYHCLM I201 – 1L

23. Q. What type of bone fracture breaks the skin?

A. Compound fracture or open fracture.

S. IDET, p. 63

24. Q. At what age are foals usually weaned?

A. 4 to 6 Months

S. AYHACLM B112-2L

25. Q. Where did the Paso Fino breed originate?

A. Spain

S. HIH 161-1

TOSS UP – BONUS ATTACHED

26. Q. What disease in the horse is caused by an electrolyte imbalance and is characterized by movements of the horse's flanks in synchrony with each heart beat?

A: Thumps (Diaphragmatic Flutter)

S: LEWIS - P: 213

BONUS

27. Q. In a "conformation hunter" class, what percent of the class is judged on performance?

A. 60%

S. IDET, p. 63

RESUME OPEN QUESTIONS

28. Q. What are considered to be the building blocks of protein?

A. Amino Acids

S. AYHCLM B1021 – L

29. Q. What type of saddle would most likely be used with a double rigged cinch?

A. Pack Saddle

S. HIH 1125 - 3

30. Q. Name 5 parts of a horseshoe nail.

A: Head, neck, shank, bevel, point, inner face, outer face

S: Evans - P:738 fig 19 - 42

31. Q. What is the name of the specific part of the English or Hunt bridle that holds the bit up in the horse's mouth?

A. Cheek piece. (Also accept "Headstall").

S. IDET, p. 94

Last question in the round

32. Q. What type of trailer hitch attaches to the truck bed?

A. Gooseneck (5<sup>th</sup> wheel, kingpin hitch)

S. HIH 1155-1