

2004 EASTERN NATIONAL 4-H HORSE BOWL  
ROUND NINE

ONE – ON – ONE

1. Q.       What are tactile hairs?
  - A.       The course, heavy feeling hairs that protrude from around the nostrils, lips and eyelids (not the eye lashes). Sensory hairs.
  - S.       CAHA, p. 4
  
2. Q.       What is the minimum recommended distance between the top of a horses head in a normal resting position and the top of the trailer?
  - A.       The trailer should be 10 inches taller than the normal resting position of the head of the horse. (Accepted 10" to 12".)
  - S.       AYHCLM, p. B101-2L
  
3. Q.       What is the term used when a horse rushes into a fence while jumping?
  - A.       Charging
  - S.       IDET, p. 54
  
4. Q.       What is the term for eyes that are too small and set back into the head?
  - A.       Pig-eyed
  - S.       Evans, p. 124

- 5 (1) Q. What is passive transfer of immunity?
- A. When a newborn foal receives antibodies from the mare through the colostrum.
- S. AYHCLM, p. B112-2L
- 6 (2) Q. What piece on an English bridle is not usually seen on a Western bridle?
- A. Noseband or cavesson
- S. AYHCLM, p. B108-2L
- 7 (3) Q. Give the proper term for the raised "bump" in the middle of the mouthpiece of a curb bit.
- A. Port
- S. AYHCLM, p. B 108-3L
- 8 (4) Q. What is the general name for a halter class in which coat color and pattern, not conformation is a deciding factor?
- A. Color Class
- S. IDET, p. 62
- 9 (1) Q. What is the purpose of the crupper on a pack saddle?
- A. To keep the saddle from sliding forward.
- S. AYHCLM, p. B118-1L

10 (2) Q. What physiological sense is the horse's most important for responding to cues in training?

A. Touch

S. HIH 1220

11 (3) Q. What is the most obvious clinical sign of pinworm infestation?

A. a rubbed tail or rattail

S. Evans, p. 640

12 (4) Q. A large infestation of BOTTS can cause paralysis of what part of the Alimentary Canal?

A. The Esophagus

S. HIH 415 - 5

END ONE – ON – ONE

BEGIN OPEN QUESTIONS

13. Q. On the Western Saddle, what is the term for the outside of the back of the cantle?

A. Cantle Drop (Also accept Cheyenne Roll)

S. IDET, p. 47

14. Q. Define Heritability Estimate.

A. The percentage of the horse's expressed trait that is due to genetics. The probability of that trait being passed from one generation to the next.

S. YLM 335 – 2

TOSS UP – BONUS ATTACHED

15. Q. What is the name for the manager of an Equestrian team responsible for making all the arrangements, both on and off the field, for a national team competing abroad?

A. Chef d'equipe

S. IDET, p. 55

BONUS QUESTION

16. Q. Name five conformational defects whose common name refers to another species of animal.

A. Parrot mouthed	Pigeon-toed
Monkey mouthed	Cow-hocked
Ewe-neck	Coon-footed
Goose-rumped	Pig-eyed
Wasp-Waisted	Roach-back
Herring-gutted	Cow-eyed
Calf-kneed	

S. Common Knowledge

## RESUME OPEN QUESTIONS

17. Q. What is the name for the outer, protective layer of the horse's eye?

A. Cornea

S. IDET, p. 102

18. Q. What does quantitative gene action refer to in breeding?

A. It produces a trait that takes several genes to accomplish.

S. HIH 1020-3

19. Q. In reference to horse shoeing, ideally, the nails should exit the hoof how far above the shoe?

A.  $\frac{3}{4}$  to 1 inch above the shoe

S. AYHCLM, p. A 321-2L

## TOSS UP – BONUS ATTACHED

20. Q. Generally speaking, where on the horse is the "center of motion"?

A. Over the 15<sup>th</sup> vertebra or 10" behind the center of gravity.

S. IDET, p. 53

## BONUS

21. Q. Name three functions of calcium in the body.
- A. Bone formation, normal muscular action, blood clotting, enzyme action, cell membrane function, temperature regulation, neuromuscular function
- S. Evans, p. 221

## RESUME OPEN QUESTIONS

22. Q. Name one country, other than the US, whose Thoroughbred foals are registered with the Jockey Club.
- A. Canada, Puerto Rico
- S. HIH 157-1
23. Q. What is the hunting term used when the hounds lose the scent of the fox and stop?
- A. Check (Also accept "Throw up" IDET, p. 268)
- S. IDET, p. 54
24. Q. What is the advantage of feeding Zeolite to young horses?
- A. Increases bone density – decreases exertion induced bone injuries to young horses
- S. Lewis, p. 99 - 100

25. Q. What is the difference between a slip ear and split ear bridle?

A. Split Ear – crownpiece is split allowing one ear to pass through.

Slip Ear has a piece added to the crownpiece that can be slid to either side, allowing either ear to pass through

S. HIH 1108-8

TOSS UP – BONUS ATTACHED

26. Q. Give two (2) medical properties or uses for Dimethyl Sulfoxide (DMSO).

A. Anti-inflammatory; Antibacterial; Analgesic

S. IDET, p. 81

BONUS

27. Q. Name four ways to estimate age using teeth appearance.

A. Occurrence of permanent teeth (eruption pattern)  
Disappearance of cups  
Angle of incidence  
Shape of surface  
Galvayne's groove  
Hooks

HIH 240 – 1

## RESUME OPEN QUESTIONS

28. Q In reference to horses, what is a "daisy cutter"?
- A. Horse that skims the surface of the ground at a trot – does not bend legs much at the trot
- S. IDET, p. 77
29. Q. Give three of the five classifications of mares.
- A. Pregnant, Open, Barren, Maiden, Wet (lactating or nursing)
- S. HIH 940-1
30. Q. Name three functions housing for horses should accomplish?
- A. Provide for the welfare of the horse  
Provide for the safety, health and comfort of human handlers  
Make efficient use of labor  
Be cost effective  
Protect horse from elements  
Shelter  
Confinement
- S. HIH 320-1
31. Q. What is the general term for an "inflammation of the brain"?
- A. Encephalitis
- S. IDET, p. 91



## LAST QUESTION IN THE ROUND

32. O. Two part question, what is Colostrum and why is it important.

A. The mare's first milk  
It contains antibodies (immunoglobulins)

S. YLM 112 – 1L