

2005 Eastern National 4-H Horse Bowl Round One

One-On-One

- 1 C1 Q. What is the name of the competitive equine sport that is one of the Olympic competition events and is derived from the French word for training?
- A. Dressage
- S. HIH 172-1 0100/3
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- 2 C2 Q. What color is a foal born with a solid dark color hair coat, but with each consecutive change of the hair coat white hairs will become more prominent?
- A. Gray
- S. Evans pg 81 0300/2
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- 3 C3 Q. What are the withers, back, loin and croup collectively called?
- A. Top line
- S. AYHC-YLM-INT 223-2 410/2
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- 4 C4 Q. Name two systems of the horse that use smooth muscle.
- A. Digestive, respiratory, circulatory, integument and urogenital
- S. HIH 840-1 410/3

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- 5 C1 Q. Sweat glands are located over all of the horse's body except what area?
- A. The legs.
- S. Evans pg 129 460/2
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- 6 C2 Q. Would you classify a capped hock as a blemish or unsoundness?
- A. Blemish
- S. Evans pg 164 620/2
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- 7 C3 Q. What is the horse's most useful gait?
- A. The walk.
- S. Evans 172 640/1
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- 8 C4 Q. What is the **easiest** method to monitor whether a horse's energy needs are being met by its feed?
- A. Monitor weight on a regular basis
- S. HIH 820-1 710/2

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- 9 C1 Q. What is the general term used to describe abdominal discomfort or pain in the horse?
- A. Colic
- S. Evans pg 605, DET pg 61 815/2
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- 10 C2 Q. What is the common name for chronic obstructive pulmonary disease?
- A. Heaves - also accept broken wind
- S. Evans pg 607, Lewis pg 291 830/2
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- 11 C3 Q. What must occur within the first twelve hours of life for the foal to develop an initial resistance to disease by passive transfer of immunity from the mother?
- A. The foal must receive colostrum
- S. HIH 950-2 845/2
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- 12 C4 Q. Sliding plate horse shoes would be found on the rear feet of a horse that was used for what type of competition?
- A. Reining
- S. HIH 515-3 0900/2

End One-On-One

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Begin Open Questions

- 13 Q. Name the breed that was first to establish a breed registry for an American breed of horse in 1891 in Louisville Kentucky and currently has its breed organization located at the Kentucky Horse Park.
- A. American Saddlebred
- S. HIH 156-1 0200/3
- 14 Q. What is the difference between a stripe and a blaze marking?
- A. The blaze is wider covering the full width of the nasal bones
- S. Evans pg 82 0300/1

Toss Up – Bonus Attached

- 15 Q. Other than the horse, name two members of the genus Equus.
- A. Ass, Zebra, Przewalski's horse, Onager and Kiang
- S. Evans pg 13 & b449 0100/3

Bonus Question

- 16 Q. Bonus question: What is the country of origin for the following five draft horse breeds – Belgian, Clydesdale, Percheron, Shire and Suffolk?
- A. Belgian – Belgium
Clydesdale – Scotland
Percheron – France
Shire – England
Suffolk – England
- S. Evans pg 68 0200/1

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Resume Open Questions

- 17 Q. What cartilaginous structure protects the entrance to the larynx and trachea from aspiration of food during swallowing?
- A. Epiglottis
- S. Kainer plate 50 450/3
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- 18 Q. What is the smooth, fast four-beat gait performed by the Tennessee Walking Horse?
- A. Running walk
- S. Evans pg 178 0600/3
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- 19 Q. What instrument does the veterinarian use to auscult or listen to the horse's heart sounds?
- A. Stethoscope
- S. DET pg 136 870/1

Toss Up – Bonus Attached

- 20 Q. 2 part question: How many bones make up the horse's forearm and name them.
- A. 2 bones, the radius and ulna.
- S. Kainer plate 1 and 6. 400/2

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Bonus

21 Q. Bonus question: Give the complete zoological classification of the horse.

A. Kingdom: Animalia
Phylum: Chordata
Class: Mammalia
Order: Perissodactyla
Family: Equidae
Genus: Equus
Species: Equus Caballus

S. Evans pg 13 0100/2

Resume Open Questions

22 Q. What disease is caused by a spore forming, toxin producing bacterium found commonly in the soil named *Clostridium tetani*?

A. Tetanus or Lockjaw

S. AYHC-YLM-BEG 104-2 L, DET pg 265 890/2

23 Q. In horse racing what distance in miles is 6 furlongs?

A. $\frac{3}{4}$ mile

S. DET pg 116, Evans pg 20. 1040/2

24 Q. What is the name used to describe the cap and blouse worn by the jockey in a race?

A. Silks

S. DET pg 245 1040/2

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- 25 Q. What part of the vertebrae are you feeling when you run your hand down the back of a horse and feel regularly spaced bumps along the midline over the thorax and lumbar area?
- A. Spinous processes of the vertebra
- S. Kainer plate 7 400/3

Toss Up – Bonus Attached

- 26 Q. About 99% of calcium and 80% of phosphorus in the horse's body is found in what two structures?
- A. Bones and teeth
- S. Lewis pg 20 750/2

Bonus

- 27 Q. Bonus question: List four qualities of a good pasture?
- A. Free from obstacles and holes
Good fence
Good water supply
Shade
Good forage
Companionship
Adequate space for exercise
Dry
Shelter from adverse weather
No toxic plants in pasture
- S. Lewis pg 103 1100/2

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Resume Open Questions

- 28 Q. What structure in the mare is responsible for the production of estrogen and progesterone?
- A. The ovaries
- S. HIH 910-4 500/2
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29. Q. What is the term for the type of vision where the horse sees different images with each eye?
- A. Monocular vision
- S. HIH 1220-1 420/2
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30. Q. What is the name for the conformational defect described as the cannon bone being set too far to the outside of the knee?
- A. Bench or offset knee
- S. HIH 230-3 600/2
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- 31 Q. At what stage of growth is hay most easily digested by the horse?
- A. Immature hay, pre-bloom
- S. AYHC-YLM-ADV 337-2 L, Lewis pg 68, HIH 750-2 700/2

Last Question of the Round

- 32 Q. What is the general name for the most common used horse shoe that is pre-sized and often fitted to a horse's foot cold?
- A. Keg shoe
- S. Evans, p. 731 900/2