

HORSE BOWL QUESTIONS – 2004 – INTERMEDIATE - ROUND 5

ONE ON ONE QUESTIONS:

Question 1

Q. Horses occasionally produce twins. Explain the two ways twins can be produced.

A. Two eggs are fertilized; Single fertilized egg divides into two independent embryos.

HS p19

Question 2

Q. With respect to inheritance, what is the difference between dominant and recessive genes?

A. Dominant - only one gene in pair may be present to have character expressed; Recessive - both genes in pair must be present to have character expressed.

HS p 21

Question 3

Q. How will a horse with chronic founder often move?

A. In a heel to toe step.

Evans p 335

Question 4

Q. Name the 3 varieties of the roan color and the base from which each is derived.

A. Red - from bay; strawberry - from chestnut; blue - from black.

HH89 p 7

Question 5

Q. Where do you measure the length of a horse's hip?

A. From point of hip to buttocks.

Horse Judging Guide p 6

Question 6

Q. What general term refers to gaits that are the result of specific training and practice.

A. Acquired or artificial gaits.

HH01 p 17

Question 7

Q. What type of bit is commonly used on driving horses?

A. Liverpool

HH01 p 30

Question 8

Q. Which two billets should you use when saddling a broad-chested horse?

A. The front two.

END OF ONE ON ONE QUESTIONS:

*****BEGINNING OF OPEN QUESTIONS:*****

Question 9

Q. What are bowed tendons.

A. Enlargement of the flexor tendons at the back of the front cannon.

Evans p 98

Question 10

Q. What is the main vein that carries oxygenated blood?

A. The pulmonary vein.

Evans p 111; Kainer PL 57

Question 11

Q. Identify on what type of teeth it is found and describe the appearance of the dental star.

A. On permanent incisors, star-shaped or circle-like structure near the center of the wearing surface.

HS p 15

Question 12

Q. Where are red blood cells produced?

A. The bone marrow

Evans p 117

Question 13

Q. Define breed standard.

A. Standard of excellence set up by a breed association for its breed.

HH89 p 2

Question 14

Q. What is the primary site for water absorption in the horse?

A. The cecum

Evans p 201

THIS IS A TOSS UP QUESTION

Question 15

Q. In what country did the Percheron originate.

A. France

HH01 p 58

THIS IS A BONUS QUESTION

Q. There are at least 6 reasons why it is useful to know your horse's body weight. Name 3.

A. 1) Determine amount of feed needed; 2) determine adequacy of feeding program; 3) early indication of health problems; 4) an aid in training and competing optimally; 5) determine proper amount of drugs or other substances to give.

Question 16

Q. What portion of the vertebral column is located under the croup?

A. Sacral vertebrae.

Kainer PL 7

Question 17

Q. What is the function of the port on a curb bit?

A. Allows for tongue room and puts additional pressure on the bars.

HH01 p 30

Question 18

Q. The toe-wide (or splay footed) position on the front feet is correlated with which defect in gait?

A. Paddling or winging out

4H Horse Judging Guide p 23

Question 19

Q. How can you prevent your horse from getting azoturia?

A. Decrease grain feeding and allow exercise when horse is not working; Slow warm up after rest.

HS p 38

Question 20

Q. What are the two 4H rules of good sportsmanship?

A. Win without bragging and lose without complaining.