

**2011 New York State 4-H Horse Bowl
Extra One-on-One Questions**

100

1. Q. In regards to the history of the horse, what event took place during the Pleistocene epoch in North America?

A. The horse became extinct in North America

S. Evans p. 4 100/3

2. Q. In the history of Spain at the time of Queen Isabella, what was a Golden Isabella?

A. Palomino horse

S. Evans p. 50 100/4

200

3. Q. The Trottingbred is a synthetic pony breed developed for sulky racing. Similar to Standardbreds, some are trotters and others are pacers. What is the difference in the distance that they are raced?

A. They race ½ mile (Standardbreds race 1 mile)

S. Evans p. 67 200/5

4. Q. The Americana is a synthetic pony breed that resulted from the crossing of what **two** breeds?

A. Shetland and Hackney

S. Evans p. 66 200/4

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5. Q. What term refers to a wild Australian horse?

A. Brumby

S. DET p. 41 200/3

300

6. Q. What term describes a splotch of dark color on a base coat color?

A. "Blood mark"

S. ES p. 39 310/3

7. Q. The Cheyenne Indians thought Spanish mustangs with what color pattern possessed supernatural powers of protection?

A. "Medicine Hat" pattern

S. Evans p. 56 310/3

400

8. Q. Where would you find the Purkinje fibers?

A. In the heart muscle (also accept heart or cardiac muscle)

S. Kainer plate 58 440/4

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9. Q. What is the medical term for the tiny, finger-like extensions of the lining of the small intestine that increase absorption of nutrients by increasing the surface area?

A. Villi

S. DET p. 283 430/5

10. Q. What is micturition?

A. Urination

S. Evans p. 119 470/4

11. Q. Fossa and tuberosity are terms used to describe bones. In general, what do these **two** terms describe?

A. Fossa – hollow or depressed area
Tuberosity – large prominence or projection

S. DET p. 113, 275 410/4

12. Q. What muscle causes the hair to stand on end and helps to keep the horse warm in cold weather?

A. Erectores pilorum

S. DET p. 99 410/4

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13. Q. When a foal is in the transverse ventral presentation for delivery, what part of the foal's body is lodged against the pelvis of the mare and preventing the delivery of the foal?

A. The foal's back

S. Evans p. 424 500/4

14. Q. What is the function of the arteries and veins known as the pampiniform plexus in the stallion?

A. Heat exchange to the testes

S. YLM 327-1 520/5

15. Q. During a difficult delivery, repulsion would describe what action by the veterinarian or foaling attendant?

A. Pushing the fetus back into the uterus (done before correcting any incorrect birthing positions)

S. DET p. 232 500/5

600

16. Q. A horse with a base-narrow, toe-out conformation in the forelegs would exhibit the gait defect known as plaiting. What is the common term for plaiting?

A. Rope walking

S. Kainer plate 39 640/4

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600

17. Q. What slang term describes legs in which the tendons lack definition or do not stand out clearly?

A. Gummy-legged

S. DET p. 126 620/5

700

18. Q. It is important for a foal to receive colostrum within 36 hours after parturition. What are the **two** things that colostrum provides the foal?

A. Colostrum is a laxative and provides the foal with antibodies

S. Evans p. 427 480/4

19. Q. The molds *Fusarium moniliforme* and *Fusarium proliferatum* cause what feed-related poisoning?

A. Moldy corn disease or Leukoencephalomalacia

S. Lewis p. 358 790/5

20. Q. A soluble-fiber bulk agent such as Metamucil would be administered to a horse with diarrhea that is a result of what type of ingestion?

A. Sand ingestion

S. Lewis p. 293 700/4

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800

21. Q. What is the common name for osteodystrophia fibrosa?
A. Big head Disease (also accept Miller's Disease or Bran Disease)
S. ES p. 132; Evans p. 227 7504
22. Q. What type of Rhinopneumonitis may invade the brain
and spinal cord causing incoordination, paralysis and recumbency?
A. EHV-1 (Equine Herpes Virus Type 1)
S. HIH 610-1 850/4
23. Q. What is the common name for the medication Magnesium Sulfate?
A. Epsom Salts (used to treat a hoof abscess or as a laxative)
S. DET p. 98 805/3
24. Q. What are the **scientific** names for the **three** types of large strongyles?
A. Strongylus vulgaris, Strongylus edentatus, Strongylus equinus
S. Lewis p. 155 835/4
25. Q. What type of medication is an alcohol based substance applied
to the horse's legs after exercise to prevent swelling?
A. Brace (also accept liniment)
S. DET p. 36, 169 805/3

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900

26. Q. Pasture management guidelines recommend that horses be rotated to another pasture when the grass is a **minimum** of what height?

A. Minimum of 3-4 inches (accept anything within this range)

S. HIH 3604 920/3

27. Q. When talking about the management of horse facilities, what do the initials BMP stand for?

A. Best Management Practices

S. HIH 360-1 920/4

28. Q. In a ranch operation, what is the purpose of a boundary rider?

A. To ride the fences of the property and repair any problems

S. DET p. 36 920/3

1000

29. Q. (Two Part) Where would you find an elliptic spring on a carriage and what is its purpose?

A. Spring under the seat; to absorb shock

S. DET p. 90 1000/5

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30. Q. What is the slang term for a buck strap used by a novice when riding a bucking horse?

A. "Fraidy strap"

S. DET p. 42 1060/4

31. Q. What is a flat race?

A. A race without jumps

S. DET p. 109 1040/2

32. Q. Kur is the term for what type of musical freestyle performance?

A. Dressage

S. DET p. 162 1090/4