

**2007 Jr. NYS 4-H Horse Bowl
Round 2**

One-on-One

- 1 Q. What is the length of the mare's estrous cycle?
- A. 21, 22, 23 days
- S. EV PG 323
- 2 Q. All Thoroughbred horses can be traced back to three stallions. Name one of these sires.
- A. Byerly Turk, Godolphin Arabian (or Godolphin Barb), Darley Arabian.
- S. EV PG 21
- 3 Q. Why do hooks form on the front of the first upper pre-molars?
- A. Upper teeth are generally a little forward of the lower teeth and so there is no wear on that part of the tooth.
- S. AYHC PG 405-2
- 4 Q. The saying "a horse has five hearts" describes what function of the hoof structure?
- A. Large venus plexuses (large or extensive network of veins) in the hoof assist in pushing the blood back to the heart.
- S. AYHC PG 505-5
- 5 Q. Lack of what nutrient may cause death faster than any other nutrient?
- A. Water
- S. LEW PG 6

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- 6 Q. How long is the average gestation period in the horse?
A. 335-340 days (11 months)
S. EV PG 342
- 7 Q. What organization registers American Thoroughbred horses?
A. The Jockey Club
S. EV PG 21
- 8 Q. What is hyperthermia?
A. Overheating (too much heat)
S. AYHC PG 410-1
- 9 Q. What does the word “distal” refer to in anatomy?
A. Distant from the body, or – at the free end of a limb.
S. KAI PG 2
- 10 Q. What are the 3 basic parts of the bridle?
A. Headstall, bit, reins
S. AYHC PG 1100-6

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- 11 Q. Which sex is carried longer in pregnancy – fillies or colts?
A. Colts (2-7 days longer)
S. EV PG 343
- 12 Q. What color pattern disqualifies a Quarter Horse from registration?
A. Spots
S. EV PG 28

End One-on-One

Begin Open Questions

- 13 Q. Name 2 ways you could help cool an overheated horse.
A. Bring it to shade, wet down the body, use a fan to evaporate sweat, put ice packs on head and legs.
S. AYHC PG 410-2
- 14 Q. What is the horse's largest organ?
A. The skin.
S. KAI PG 5

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- 15 Q. What is the difference between a split-ear headstall and slip-ear headstall?
- A. A slip-ear has a small loop for one ear, a split-ear has a split in the crown piece for one ear.
- S. AYHC PG 1100-8
- 16 Q. What s a castrated horse called?
- A. Gelding
- S. EV PG 384
- 17 Q. What does the breed name “Standardbred” refer to?
- A. Horses that trotted or paced in less than “standard time” were called Standardbred horses.
- S. EV PG 28

Toss Up-Bonus Attached

- 18 Q. What 2 additional gaits does the 5 gaited Saddlebred perform that the 3 gaited does not?
- A. Slow gait (stepping pace) and Rack (not single-foot – this is a classification to describe all four beat artificial gaits)
- S. EV PG 39-40, 178 200-3

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Bonus Question

- 19 Q. (Bonus Question) If you were going to trim a horse's hoof, what are the 4 essential tools you would need to have?
- A. Hoof pick Hoof Knife
 Nippers Rasp
- S. EV PG 722 900-3

Resume Open Questions

- 20 Q. What are the primary signs that a horse is overheating?
- A. Rapid breathing, high pulse rate, profuse sweating.
- S. AYHC PG 410-1
- 21 Q. What is another name for the vertebral (ver-tee-bral) column?
- A. The spine (spinal column)
- S. KAI PG 7
- 22 Q. What feature defines a snaffle bit?
- A. The rein rings are at the end of the mouthpiece.
- S. AYHC PG 1100-8
- 23 Q. Describe the Flehman (flay-man) response.
- A. The horse extends the neck upward and curls the upper lip.
- S. EV PG 387

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Toss Up-Bonus Attached

- 24 Q. (Two Part) In reference to horses, name 1 purpose that Epsom salts serve.
- A. Laxative or to treat a foot abscess or bruise
- S. DET PG 98 870-3

Bonus Question

- 25 Q. (Bonus Question) Give 3 symptoms of liver failure.
- A. Weight loss Depression
Abnormal behavior Icterus (jaundice)
Bloody urine Anemia
Photosensitization
- S. Lewis PG 310 800-4

Resume Open Questions

- 26 Q. Name the most influential Standardbred sire.
- A. Hambletonian (99% of all Standardbreds trace back to him)
- S. EV PG 29
- 27 Q. Name 3 types of flies that bother horses.
- A. House, stable, face, horn, horse, deer, black, bot.
- S. AYHC PG 415-1

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- 28 Q. Name the 4 bones of the forelimb above the knee.
A. Scapula, Humerus, Radius, Ulna.
S. KAI PG 10
- 29 Q. What is lacking on the hackamore bit that is present on other bits?
A. A mouthpiece
S. AYHC PG 1100-10

Last Question of the Round

- 30 Q. What term refers to the suturing of a mare's vulva to prevent contamination of the internal organs?
A. Caslick operation
S. EV Pg 394