

**2007 Jr. NYS 4-H Horse Bowl
Round 1**

One-on-One

- 1 Q. What is another name for the afterbirth tissue?
 A. Placenta
 S. EV PG 421

- 2 Q. What defines a breed?
 A. A group of animals that share certain distinguishable characteristics
 (examples: function, conformation, color)
 S. EV PG 16

- 3 Q. How many true molars would you expect to find in the mouth of a
 healthy adult horse?
 A. 12 (true molars are the last 3 cheek teeth in the jaw, upper and lower)
 S. AYHC PG 405-1

- 4 Q. What is the support function of the laminae?
 A. Transfers the weight from bone to hoof
 S. AYHC PG 505-1

- 5 Q. Name the 6 basic classes of nutrients in feedstuffs.
 A. Water, fats, carbohydrates, protein, vitamins, minerals.
 S. LEW PG 3

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- 6 Q. Name the 2 functions of ovaries.
- A. Produce hormones and produce/release ova (eggs)
- S. EV PG 317
- 7 Q. The Thoroughbred horse has developed largely from what other breed?
- A. Arabian
- S. EV Pg 17
- 8 Q. Name 3 so-called bad behaviors that may result from dental problems.
- A. Head tilting, head tossing, bit chewing, tongue lolling, tail wringing, bucking, lateral head shaking, fighting the bit.
- S. AYHC PG 405-1
- 9 Q. What vitamin is particularly necessary for normal hoof growth and development?
- A. Vitamin A
- S. AYHC PG 505-2
- 10 Q. What is a legume?
- A. A plant that works with bacteria so it can use air and soil nitrogen for the production of plant proteins.
- S. LEW PG 108

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11 Q. When the ova (eggs) are released they travel to the uterus through what tube?

A. Fallopian tube

S. EV PG 319

12 Q. Most so-called hot blooded horses in the world can be traced back to what three breeds?

A. Arabian, Barb, Turkmene (Turks)

S. EV PG 17

End On-on One

Begin Open Questions

13 Q. All horses develop sharp points on their cheek teeth. On which side of the upper cheek teeth will the points form?

A. The outside (toward the cheek)

S. AYHC PG 405-2

14 Q. What is the primary function of the hoof sole?

A. Protection of the internal structures

S. AYHC PG 505-2

15 Q. What is the general function of vitamins in the body?

A. They are necessary for metabolism

S. LEW PG 3

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16 Q. What is the term used to describe the rupture of an ovarian follicle to release the egg?

A. Ovulation

S. EV PG 318

17 Q. What 2 breeds are crossed to get an Anglo-Arab?

A. Arabian and Thoroughbred

S. EV PG 17

Toss Up-Bonus Attached

18 Q. (Two Part) When considering vision, where are the horse's two blind spots?

A. Directly to the rear, behind its hindquarters.
Directly below the head, or directly in front.

S. HIH 1220-1 420-2

Bonus Question

19 Q. (Bonus Question) Name 3 types of hock spavin. Name them.

A. Blind/Occult Blood spavin
Bog spavin Bone/True/Jack spavin

S. Lewis PG 404 810-3

Resume Open Questions

20 Q. How are the sharp points horse's teeth removed?

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- A. Filing (floating)
- S. AYHC PG 405-2
- 21 Q. Is the hoof wall thinner or thicker at the toe?
- A. Thicker
- S. AYHC PG 505-4
- 22 Q. What are 3 variables that might influence a horse's water intake?
- A. Availability of palatable water, type of feed consumed, air temperature, humidity, health of the horse, physiological state of the horse (growing, lactating, sick, pregnant), physical activity level.
- S. LEW PG 3
- 23 Q. How many teats are on the mare's udder?
- A. 2
- S. EV PG 322

Toss Up-Bonus Attached

- 24 Q. (Two Part) Wood board fences are traditional for horses. They are rugged, safe and easily seen. What 2 financial reasons have seen an increase in newer types of fences over wood?
- A. Expensive to build and expensive to maintain
- S. EV PG 761 920-3

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Last Question of the Round

30 Q. What is the average age of fillies at puberty?

A. 12 to 15 months

S. EV

PG 322