

**2011 New York State 4-H Senior Horse Bowl
Round 7**

One-On-One

1. C1 Q. What breed is associated with the silver dapple color?

A. Shetland (also accept Rocky Mountain Horse
and Kentucky Mountain Saddle Horse)

S. Evans p.488 330/3

2. C2 Q. What is the common term for laryngeal hemiplegia?

A. Roaring

S. DET p. 164 850/3

3. C3 Q. What is considered to be the most economical
protein supplement?

A. Soybean meal

S. YLM ADV 302-2L 760/2

4. C4 Q. What is the name given to the person who makes the
metal parts of tack such as bits, curb chains and stirrup
irons?

A. Lorimer

S. DET p. 172 1000/4

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5. C1 Q. What enzyme is produced in the fundus of the stomach and helps break down proteins?
- A. Pepsin
- S. Kainer plate 51 430/3
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6. C2 Q. During parturition, what is the most difficult part of the delivery of the foal?
- A. Passage or delivery of the foal's shoulders
- S. Evans p. 422 500/3
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7. C3 Q. Psoroptes equi is a mite that causes what type of mange?
- A. Psoroptic mange (also accept Psoroptic scab, "scab" or "wet mange")
- S. HIH 415-8 835/4
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8. C4 Q. What does the term Prophet's thumb describe?
- A. A muscular depression of unknown origin usually seen on the neck (may also be on the quarters or shoulder)
- S. DET p. 221 310/4

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9. C1 Q. How are excess simple sugars stored in the body?

A. They are stored as fat

S. ES p. 146 730/3

10. C2 Q. What is the general term for markings such as a dorsal stripe, cobwebbing on the forehead, zebra stripes on the legs and a wither stripe or shadowing?

A. "Primitive markings"

S. ES p. 38 310/4

11. C3 Q. What breed of horse is primarily affected by the genetic lethal Combined Immunodeficiency Disease?

A. Arabians (and Arabian crosses)

S. HIH 1060-4 550/3

12. C4 Q. Where would you find latigo straps?

A. On a Western saddle (the leather straps that fasten the cinch)

S. DET p. 165 1000/3

End One-On-One

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Begin Open Questions

13. Q. What breed association is described by the initials MFTHBA?
A. Missouri Fox Trotting Horse Breed Association
S. HIH 161B-2 230/4
14. Q. There are five different types of walks in a dressage test.
Which of these would be completed with the horse
on a “long rein”?
A. Free walk
S. Evans p. 174 640/2
15. Q. Blood from what anatomical structure provides the
fetus with oxygen and other nutrients?
A. Placenta
S. Kainer plate 58 500/3
16. Q. What is the cry of the hunt once the fox has been sighted?
A. Tallyho
S. DET p. 262 1080/2

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Toss Up – Bonus Attached

17. Q. Identify **two** of the three breeds of horses that most hot-blooded horses can be traced to in regards to ancestry.

A. Arabian, Barb, Turkmene

S. Evans p. 17 200/4

Bonus Question

18. Q. (Bonus) Timeline...You are a farrier and are demonstrating how to remove a shoe and trim the hoof. What is the correct order to use the following **five** farrier tools when accomplishing this task?

Nippers

Hoof knife

Clinch cutter

Rasp

Pull offs

A. Clinch cutter...pull offs...hoof knife...nippers...rasp

S. HIH 535-2, 535-3 900/4

Resume Open Questions

19. Q. What is the term used for a gene that has the ability to mask the genetic makeup of the other gene in an allele pair?

A. Dominant

S. ES p. 90 550/3

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20. Q. What is the slang term for Equine Infectious Anemia?
A. Swamp fever
S. Lewis p. 175 840/3
21. Q. What is the common name for the anti-inflammatory medication phenylbutazone?
A. Bute
S. DET p. 43 805/3
22. Q. What does the term teratogenic describe in regards to plant poisoning?
A. Compounds that cross the placenta and cause physical defects in the fetus
S. Lewis p. 332 770/3
23. Q. Following the rule of thumb recommendation for adequate ventilation in a barn, a barn with 8 stalls would require how much ridge ventilation?
A. At least 8 feet of ridge ventilation (1 foot per horse or stall)
S. HIH 320-8 920/4

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Toss Up – Bonus Attached

24. Q. Trace mineralized salt is 93-98% salt. Identify **three** of the trace minerals that are also found in the trace mineralized salt.

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|--------------|--------|--------|
| A. Manganese | Iron | Cobalt |
| Copper | Iodine | Zinc |
| Selenium | | |

S. YLM ADV 302-2L; Lewis p. 26 750/4

Bonus Question

25. Q. (Bonus). Electrical systems in a barn are often the cause of a barn fire. Identify **four** safety precautions that are recommended in regards to the electrical system.

- A. Electrical system must meet code standards
Panel boxes should be in a dry, dust free area; corrosive resistant and weather-proofed
Outlet and switch boxes should be metal
Outlet and switch boxes should have spring-loaded dust and waterproof covers
Wire should be encased in metal conduit pipe
Light fixtures should have dust and moisture-resistant covers
Any appliances (clippers, etc.) must be UL approved and grounded
Portable heaters should not be used in the barn
Heat lamps should not be placed too close to hay or bedding
Heat tapes and water tanks must have a thermostat and be UL approved

S. YLM BEG 113-1L 920

Resume Open Questions

26. Q. What type of **shoe** is used to elevate the heels of a horse that is confined to stall rest?

- A. Patten shoe (also accept wedge shoe)

S. HIH 515-5 410/3

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27. Q. What is the term for the breeding of animals or crossing of lines that are unrelated?
- A. Outcrossing
- S. HIH 1080-1 550/4
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28. Q. What can be done to delay foaling until the veterinarian arrives if there is an indication of abnormal presentation of the foal?
- A. Walk the mare and keep her standing
- S. Lewis p. 245 500/3
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29. Q. The vertebrae would be examples of what classification of bones?
- A. Irregular bones
- S. Evans p. 90 410/3

Last Question of the Round

30. Q. You do the math... Carrollton Hounds hunted **15 and ½ couple** hounds last week. How many hounds were in the pack?
- A. 31 hounds
- S. DET p. 70 1080/3