

**2011 New York State 4-H Junior Horse Bowl
Round 5**

One-On-One

1. C1 Q. What does the panniculus muscle do?

 A. Shakes off flies

 S. DET p. 203

2. C2 Q. Arabians consistently outlive other light breeds of horses and often live well past what age?

 A. Age 30

 S. HIH 153B-2

3. C3 Q. What is the first feces the foal passes after birth?

 A. Meconium

 S. DET p. 178

4. C4 Q. Which endocrine gland of the horse produces insulin?

 A. Pancreas

 S. Evans p. 127

**2011 New York State 4-H Junior Horse Bowl
Round 5**

5. C1 Q. What type of horseshoe has the inside rim on the web raised above the outside rim?
- A. Polo shoe
- S. Evans p. 737
-
6. C2 Q. What is the minimum recommended height for the allyway of a horse barn?
- A. At least 9 feet high
- S. HIH 320-3
-
7. C3 Q. Name two breeds of horses the Thoroughbred provided foundation stock for.
- A. Standardbred, American Saddlebred, Morgan, Quarter Horse
- S. Evans p. 20
-
8. C4 Q. What band of fibrous tissue attaches bones to bones?
- A. Ligaments
- S. Evans p. 90

**2011 New York State 4-H Junior Horse Bowl
Round 5**

9. C1 Q. In a ring, which direction are you going if you are tracking left?
A. Counter- clockwise (left leg on the inside)
S. DET p. 272
10. C2 Q. A coggins test is performed to diagnose what Equine Disease?
A. Equine Infectious Anemia (EIA)
S. DET p. 60
11. C3 Q. What breed of horse is the color of tanned deerhide with black points?
A. Buckskin
S. HIH 154B-1
12. C4 Q. What is the horse's normal rectal temperature?
A. 99.5 to 101.5 (any number in the range)
S. Kainer plate 53

End One-On-One

**2011 New York State 4-H Junior Horse Bowl
Round 5**

Begin Open Questions

13. Q. What is the name for the art of gymnastics on the moving horse?
- A. Vaulting
- S. DET p. 281
-
14. Q. What is the name of the multi-layered, hollow, y-shaped organ in a female horse that is partly located in the pelvic and adominal cavities?
- A. Uterus
- S. Evans p. 320
-
15. Q. What animal has been linked to be a carrier of the disease Equine Protozoal Myeloencephalitis?
- A. Opossum
- S. ES p. 174
-
16. Q. A newborn foal normally weighs what percent of the mare's body weight?
- A. 9% - 10% (anything in the range)
- S. HIH 940-5

2011 New York State 4-H Junior Horse Bowl Round 5

Toss Up – Bonus Attached

17. Q. How does the horizontal shape of the horse's pupil benefit the horse?
- A. Gives the horse more vision over a wide horizon; enables the horse to see predators more easily (accept either as correct answer)
- S. ES p. 56

Bonus Question

18. Q. (Bonus) There are many variations of the basic gray coat pattern. Identify three different terms that describe a gray horse.
- A. Flea-bitten
Dapple gray
Rosettes (bursts of white on gray)
Blue or steel gray (gray on black, liver chestnut or seal brown)
Rose gray (gray on chestnut)
- S. Evans p. 81: ES p. 45

Resume Open Questions

19. Q. What is the country of origin for the Cleveland Bay horse?
- A. England
- S. DET p. 58
20. Q. Where would you find excess granulation tissue called proud flesh?
- A. Around the edges of a wound
- S. DET p. 222

**2011 New York State 4-H Junior Horse Bowl
Round 5**

21. Q. Equine encephalomyelitis viruses are identified by geographical terms.
Name two types of equine encephalomyelitis.
- A. Eastern EE
Western EE
Venezuelan EE
- S. Evans p. 599
22. Q. What is the term for the mane and tail of the chestnut colored horse being very light in color?
- A. Flaxen
- S. ES p. 41
23. Q. What is the first part of the digestive system?
- A. The mouth
- S. Evans p. 190

Toss Up – Bonus Attached

24. Q. Which two vitamins are not produced in the body and must be supplied entirely by the diet?
- A. Vitamin A and vitamin E
- S. Lewis p. 42

**2011 New York State 4-H Junior Horse Bowl
Round 5**

Bonus Question

25. Q. (Bonus) Horses use many means to communicate. Identify what the following four vocal sounds indicate:

Snort

Nicker

Repeated throaty sounds by a stallion

Squeal

A. Snort- warning

Nicker- greeting

Repeated throaty sounds- mating

Squeal- anger

S. Lewis p. 153

Resume Open Questions

26. Q. If a gene has the ability to mask the genetic makeup of the other gene in the allele pair is it recessive or dominant?

A. Dominant

S. ES p. 90

27. Q. What is the name for a hitch with two horses hitched as a pair and a third horse hitched in front of them?

A. Unicorn hitch

S. DET p. 279

**2011 New York State 4-H Junior Horse Bowl
Round 5**

28. Q. What does it mean when your mare is showing signs of parturition?

A. Getting ready to foal

S. Evans p. 417

29. Q. How long is the complete life cycle of the bot fly?

A. One year

S. ES p. 188

Last Question of the Round

30. Q. Name two types of possible bedding for horses other than wood shavings and straw.

A. Shredded newspaper

Peanut hulls

Ground corn cobs

Rice hulls

Peat moss

S. HIH 330-2, Evans p. 819