

CONTESTANT ID _____

2009 New York State Hippology Contest
Junior Written Test

For each question, place the LETTER of the best answer on the answer sheet.

1. Which fat soluble vitamin is associated with selenium?
 - a. Vitamin A
 - b. Vitamin D
 - c. Vitamin E
 - d. Vitamin K
2. What term best describes when a mare is not cycling?
 - a. Anestrus
 - b. Diestrus
 - c. Monestrus
 - d. Polyestrus
3. What vitamin does not need to be in the equine diet?
 - a. Vitamin A
 - b. Vitamin B
 - c. Vitamin C
 - d. Vitamin E
4. What is coprophagia?
 - a. eating of wood
 - b. eating of stones
 - c. eating of bedding
 - d. eating of feces
5. During a normal foaling, will the back feet or front feet come out first?
 - a. front feet
 - b. back feet
6. Which disease has the shortest history in the United States?
 - a. Salmonellosis
 - b. West Nile Virus
 - c. Sleeping sickness
 - d. Swamp fever
7. What is the best description of the horse's digestive system?
 - a. non-ruminant
 - b. ruminant
 - c. monogastric
 - d. non-ruminant herbivore
8. Which part of the equine digestive tract is small in relation to the rest of the tract?
 - a. stomach
 - b. small intestine
 - c. large intestine
 - d. cecum
9. Where is the primary site of nutrient absorption in the digestive tract?
 - a. stomach
 - b. small intestine
 - c. large intestine
 - d. cecum
10. Which class of horse has the highest nutritional needs?
 - a. working
 - b. idle
 - c. growing
 - d. producing

21. Which gait has the fewest beats?
- a. walk
 - b. trot
 - c. canter
 - d. gallop
22. When does foal heat occur?
- a. less than 2 weeks after foaling
 - b. 2-3 weeks after foaling
 - c. 3-4 weeks after foaling
 - d. 5 or more weeks after foaling
23. Which part of the English bridle, which includes the noseband, helps to keep the bridle in place and the horse's mouth closed?
- a. Throatlatch
 - b. cavesson
 - c. Headstall
 - d. crown piece
24. Which one of the following does not contribute to a horse's nutritional requirements?
- a. age
 - b. type of use or activity
 - c. the color of the animal
 - d. the environment in which the animal lives
25. Which part of the horse's body is most commonly used to determine age in a horse?
- a. skin/coat
 - b. back legs
 - c. teeth
 - d. length of tail and mane
26. Which condition may be caused by bruising the top of the head?
- a. fistula
 - b. splint
 - c. pituitary gland
 - d. poll evil
27. What do you call someone who trims and applies shoes to a horse's hooves?
- a. equestrian
 - b. farrier
 - c. bridle
 - d. withers
28. What is a horse's respiration rate?
- a. 40-30 breaths per minute
 - b. 33-27 breaths per minute
 - c. 21-25 breaths per minute
 - d. 8-16 breaths per minute
29. How many pairs of chromosomes does the horse have?
- a. 32
 - b. 26
 - c. 24
 - d. 12

30. What is an inflammatory disease of the lungs?
- a. strangles
 - b. influenza
 - c. pneumonia
 - d. encephalomyelitis
31. What disease is diagnosed with the Coggin's test?
- a. Coggin's disease
 - b. Cushing's disease
 - c. Equine Infectious Anemia
 - d. Rabies
32. What is defined as "any deviation in structure that interferes with the horses intended use or performance"?
- a. conformation
 - b. blemishes
 - c. under-evaluation
 - d. unsoundness
33. How many pommels are on a side saddle?
- a. 1
 - b. 2
 - c. 3
 - d. 0
34. What parasite causes itching around the rectum?
- a. strongyles
 - b. ascarids
 - c. bot fly
 - d. pinworms
35. What can cause laminitis?
- a. metabolic disease
 - b. over work
 - c. excessive feed
 - d. all of the above
36. Equine influenza affects what body system?
- a. circulatory
 - b. cardiac
 - c. reproductive
 - d. respiratory
37. For which disease is euthanasia the most commonly recommended treatment?
- a. Laminitis
 - b. Strangles
 - c. Equine infectious anemia
 - d. Coggin's disease
38. What is considered to be the most common form of malnutrition in horses in the United States?
- a. Obesity or too much feed
 - b. unconditioned
 - c. founder
 - d. anorexia
39. A thick milk that contains globulin for temporary immunity, produced by the mare for the foal right after birth is called what?
- a. Colostrum
 - b. Whole milk
 - c. Antibodies
 - d. None of the above
40. How is dominance established in a herd of horses?

- a. aggression
- b. defensive
- c. submissive
- d. mimicking

41. Proteins are made up of smaller units called what?
- a. genes
 - b. DNA
 - c. amino acids
 - d. cells
42. Which is highest in protein?
- a. alfalfa hay
 - b. corn
 - c. barley
 - d. wheat
43. Anemia is the primary sign of what mineral deficiency?
- a. salt
 - b. iron
 - c. selenium
 - d. zinc
44. How long is the horse's small intestine?
- a. 60 feet
 - b. 65 feet
 - c. 70 feet
 - d. 75 feet
45. What is the substance that lubricates a joint?
- a. vendefrious fluid
 - b. synovial fluid
 - c. cerebral fluid
 - d. uterine fluid
46. What is the common name for Equine Infectious Anemia?
- a. Coggins
 - b. tetanus
 - c. Rabies
 - d. Swamp fever
47. What four (4) parts make up the cardiovascular system?
- a. Mouth, esophagus, stomach, small intestine
 - b. Nose, trachea, lungs, blood
 - c. Heart, arteries, capillaries, veins
 - D. Heart, lungs, platelets, lymph nodes
48. How many chukkers are in a polo match?
- a. 1
 - b. 3
 - c. 5
 - d. 6
49. Which of the following are signs of inflammation?
- a. redness, swelling, heat, pain
 - b. whiteness, swelling, heat, pain
 - c. swelling, heat, pain, discharge
 - d. discharge, cool to the touch, pain
50. What is the name of the part of the harness that fits under the tail?
- a. dock
 - b. tail piece
 - c. crupper
 - d. rigging

51. What does the urinary system consist of?
- a. Kidneys, ureters, bladder, urethra
 - b. Cervix, uterus, vagina, vulva
 - c. kidneys, cervix, uterus, bladder
 - d. kidneys, uterus, bladder, urethra
52. True or false: Horses can vomit
- a. true
 - b. false
53. How often should a horse's hoof be trimmed?
- a. 1-2 weeks
 - b. 3-4 weeks
 - c. 5 weeks
 - d. 6-8 weeks
54. What organ of the horse secretes gastric juices?
- a. uterus
 - b. stomach
 - c. tongue
 - d. small intestine
55. The term that refers to a horse being shown at halter in a breeding or halter class; the horse may be shown in either a halter or bridle.
- a. horsemanship
 - b. equitation
 - c. pleasure
 - d. in hand
56. Which part of the western saddle is found under the fenders?
- a. horn
 - b. stirrup straps
 - c. hobbles
 - d. skirt
57. On what type of horse is a Liverpool bit usually found?
- a. stock horse
 - b. hunter horse
 - c. racing horse
 - d. driving horse
58. Which is longer?
- a. Western cinch
 - b. English girth
 - c. Dressage girth
 - d. Driving girth
59. A bitless bridle that is often used in breaking young horses especially polo and cow ponies is a what?
- a. bosal hackamore
 - b. snaffle
 - c. egg but
 - d. d ring
60. The side of the horse from which the horse is generally mounted.
- a. far side
 - b. off side
 - c. right side
 - d. near side

61. What is the optimal stall size for an large horse?
- a. 6'x8'
 - b. 8'x10'
 - c. 10'x11'
 - d. 12'x12'
62. True or false: Silage can be fed to horses?
- a. true
 - b. false
63. Which of the following is not a grass hay?
- a. fescue
 - b. timothy
 - c. soybean
 - d. bluestem
64. Which vitamin can be obtained by ingesting sun cured hay?
- a. Vitamin A
 - b. Vitamin B
 - c. Vitamin C
 - d. Vitamin D
65. This is the method of feeding young foals so that the foal can eat without the mare interfering
- a. creep feeding
 - b. mob feeding
 - c. individual feeding
 - d. restricted feeding
66. What does the term "off-feed" mean?
- a. not eating
 - b. bad feed
 - c. restrictive feeding
 - d. bolting
67. When talking about horse shoes, what does the term forge mean?
- a. to break a shoe
 - b. to make a shoe
 - c. To bend a shoe
 - d. to throw a shoe