

2012 NYS Senior Hippology Written Exam
Write the letter of the correct answer on your answer sheet.

NAME _____

ID Number _____

1. What does the term hippophile describe?
 - A. Horse owner
 - B. Horse lover
 - C. Horse enthusiast
 - D. Horse judge

2. What is the four-beat gait of the American Saddlebred horse that is similar to but slower than the rack?
 - A. Slow gait
 - B. Single foot
 - C. Trot
 - D. Flat walk

3. Two horses simultaneously scratching each other on the neck and over the withers and back would be an example of which behavior category?
 - A. Agonistic behavior
 - B. Allelomimetic behavior
 - C. Epimeletic behavior
 - D. Investigative behavior

4. What is the country of origin for the Connemara Pony?
 - A. England
 - B. Norway
 - C. Wales
 - D. Ireland

5. What is the average speed for the trot or jog?
 - A. 3 mph
 - B. 7 mph
 - C. 12 mph
 - D. 15 mph

6. What horse is the foundation sire for the Morgan breed?
 - A. Justin Morgan
 - B. Pierce Morgan
 - C. Morgan Justice
 - D. None of the above

7. What is the purpose of an antipyretic medication?
 - A. Fever-reducing medication
 - B. Anti-inflammatory
 - C. Analgesic
 - D. Pain-reducing

8. Which equine disease is caused by Equine Herpes Virus?
 - A. Heaves
 - B. Pneumonia
 - C. Influenza
 - D. Rhinopneumonitis

9. Sweet clover poisoning results in altered blood clotting and a deficiency of which vitamin?
 - A. Vitamin A
 - B. Vitamin B
 - C. Vitamin C
 - D. Vitamin K

10. What breed of pony is the descendant of the survivors of a shipwreck off the coast of Virginia?
 - A. Chincoteague
 - B. Chattanooga
 - C. Welsh
 - D. Haflinger

11. What anatomical structure is located in the vertebral foramen?
 - A. Brain
 - B. Nerves
 - C. Blood vessels
 - D. Spinal cord

12. What farrier tool is used to remove nails that are broken off even with the web of the shoe or to expand the nail holes in a shoe?
 - A. Pritchel
 - B. Clinch cutter
 - C. Hardy
 - D. Nail puller

13. What is the common term for the fungal infection often found in the girth area and known as Dermatophytosis?
 - A. Ringworm
 - B. Rain rot
 - C. Mud fever
 - D. Scratches

14. In regards to equine business, what does the Latin expression "caveat emptor" refer to?
- For sale by private treaty
 - Let the buyer beware
 - Contract exemption
 - First right of refusal
15. What rodeo event are you competing in if you are "bulldogging"?
- Steer wrestling
 - Tie down roping
 - Calf roping
 - Team roping
16. Osselets are calcifications that occur as a result of traumatic arthritis located in which joint?
- Hock
 - Knee
 - Fetlock joint
 - Pastern
17. Which pony breed has adapted to living in a climate with harsh winds and rain by developing fleshy upper and lower eyelids known as "hooded eyes" ?
- Exmoor
 - Welsh
 - Connemara
 - Icelandic
18. What color results from a double dilution of chestnut?
- Perlino
 - Cremello
 - Dun
 - Red Dun
19. What are the two breeds that were crossed to form the Azteca breed?
- Lusitano and Arabian
 - Andalusian and Arabian
 - Andalusian and Quarter Horse
 - Lippizaner and Quarter Horse
20. During exercise blood flow to the skin increases. What is the physiological purpose for this occurrence?
- Improves circulation to muscles
 - Improves the efficiency of heat loss
 - Enhance nutrient distribution
 - Hasten toxin clearance
21. Which type of Encephalomyelitis can be transmitted from "horse to horse"?
- EEE
 - VEE
 - WEE
 - All of the above
22. Which hormone is an androgen?
- Insulin
 - Oxytocin
 - Epinephrine
 - Testosterone
23. What is gonitis?
- Inflammation of the stifle joint
 - Inflammation of the ovaries
 - Inflammation of gonads
 - None of the above
24. What type of bacteria causes Strangles?
- Staphylococcus aureus*
 - Staphylococcus auricularis*
 - Streptococcus equi*
 - Streptococcus zooepidemicus*
25. How does the sympathetic nervous system affect the heart rate?
- It decreases heart rate
 - It maintains basal heart rate
 - It decreases contraction force
 - It increases heart rate
26. Which hormone is secreted from the pancreas and regulates glucose metabolism?
- Insulin
 - Oxytocin
 - Prolactin
 - ACTH
27. Which one is NOT one of three stallions traditionally considered to be the foundation sires for the Thoroughbred breed?
- Godolphin Arabian
 - Darley Arabian
 - Byerly Turk
 - Denmark Turk
28. An undershot jaw is commonly referred to as?
- Parrot mouth
 - Overbite mouth
 - Monkey Mouth
 - None of the above

29. What is the country of origin for the Cleveland Bay horse?
- Denmark
 - England
 - Ireland
 - Scotland
30. What secretion is produced by the liver?
- Bile
 - Hydrochloric acid
 - Pancreatic juice
 - Pepsin
31. Which type of muscle fibers function aerobically and provide endurance?
- Type I
 - Type II-A
 - Type II-B
 - Type II-X
32. When performing an embryo transfer, the embryo should be collected from the donor mare on what day post-ovulation?
- Day 3
 - Day 6
 - Day 10
 - Day 12
33. What structure in the horse does the Latin word "rostrum" refer to?
- Mouth
 - Nose
 - Poll
 - Throatlatch
34. 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?
- Dun marking
 - Mustang markings
 - Primitive markings
 - None of the above
35. 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?
- Co-dominant
 - Dominant
 - Homozygous
 - Partial-dominant
36. What does the term teratogenic mean?
- Compounds that cause brain damage in young horses
 - Compounds that cause physical defects in the fetus
 - Compounds that cause physical defects in old horses
 - Compounds that cause brain damage in geriatric horses
37. In equine nutrition, what are NDF and ADF a measure of?
- Fat
 - Protein
 - Fiber
 - Minerals
38. What is bradycardia?
- Abnormally fast heart rate
 - Abnormally slow heart rate
 - Cardiac insufficiency
 - Enlarged heart
39. The inflammation of the bursa located between the thoracic vertebrae and the nuchal ligament of the neck is called?
- Brucellosis
 - Fistulous withers
 - Thoracitis
 - Scoliosis
40. In breeding contracts, what does the statement "live foal" describe?
- A foal that is alive
 - A foal that stands and nurses
 - A foal that was born alive
 - A foal that was born alive and died shortly thereafter
41. What is considered the most important factor when evaluating the quality of a forage at the time of harvest?
- Quantity of weeds present
 - Rainfall during growth
 - Stage of maturity
 - Type of forage
42. The proximal and distal sesamoid bones serve as pulleys to change the direction of which specific tendon?
- Common digital extensor
 - Deep digital flexor
 - Lateral digital extension
 - Superficial digital flexor

43. What is the common term for aerophagia?
- Heaves
 - Roaring
 - Windsucking
 - None of the above
44. What is another name for urticaria?
- Alopecia
 - Atopia
 - Heaves
 - Hives
45. Which one of these is a fat-soluble vitamin?
- Vitamin C
 - Vitamin D
 - Riboflavin
 - Biotin
46. Which of these nutrients is the best source of energy?
- Carbohydrates
 - Protein
 - Vitamins
 - Water
47. The vertebrae would be examples of what classification of bones?
- Flat bones
 - Irregular bones
 - Long Bones
 - Short bones
48. Where is the primary site of fiber digestion in horses?
- Stomach
 - Small Intestine
 - Pancreas
 - Large Intestine
49. What breed of horse is primarily affected by the genetic lethal Combined Immunodeficiency Disease?
- Arabian
 - Belgian
 - Lusitano
 - Paint horse
50. How many incisors does the adult horse have in the upper jaw?
- 3
 - 4
 - 5
 - 6
51. What is the common term for laryngeal hemiplegia?
- Bronchitis
 - Roaring
 - Windsucking
 - Heaves
52. Larking refers to unnecessarily jumping fences when participating in what equine activity?
- Foxhunting
 - Hunter hack
 - Hunter show
 - Show jumping
53. The parotid gland is located
- Below the ear
 - Between the jaws
 - Underneath the tongue
 - None of the above
54. The endocrine system uses _____ to effect target tissues.
- Hormones
 - Blood
 - Plasma
 - Enzymes
55. What muscle is used by the horse for shaking off flies?
- Panniculus
 - Paduncilis
 - Pectineus
 - None of the above
56. Which gland controls the pituitary?
- Pineal
 - Thyroid
 - Parathyroid
 - Hypothalamus
57. What sex-linked disease results in a deficiency of clotting factor VIII (clotting factor 8)?
- Hemophilia
 - SCID
 - Lethal white
 - None of the above

58. Movement of air into and out of the lungs is called?
- Circulation
 - Respiration
 - Aspiration
 - None of the above
59. What is the normal breathing rate for horses at rest?
- 2 to 6 times per minute
 - 8 to 16 times per minute
 - 20 to 30 times per minute
 - 40 to 60 times per minute
60. What prevents food from entering the larynx?
- Hard palate
 - Dorsal meatus
 - Trachea
 - Epiglottis
61. What is another name for red blood cells?
- Albumin
 - Erythrocytes
 - Monocytes
 - Thrombocytes
62. The amount of air inspired and expired during each breathing cycle is known as?
- Tidal Volume
 - Vital Capacity
 - Residual Volume
 - Lung Capacity
63. What is the approximate blood volume of horses?
- 2 to 4% of body weight
 - 6 to 8% of body weight
 - 12 to 14% of body weight
 - 30 to 32% of body weight
64. What is the gait described as the fast, four beat lateral gait characteristic of Tennessee Walking Horses?
- Rack
 - Slow Gait
 - Running Walk
 - Stepping Pace
65. What is the *minimum* recommended stocking rate for horses on pasture?
- 0.5 acre per horse
 - 1 acre per horse
 - 2 acres per horse
 - 4 acres per horse
66. What is the average amount of manure produced by a horse per day?
- 5 to 10 lbs
 - 10 to 15 lbs
 - 20 to 30 lbs
 - 40 to 50 lbs
67. What is the minimum height for perimeter fencing for horses (not including stallions)?
- 3 ft
 - 4 ft
 - 5 ft
 - 6 ft
68. What is the common width of boards used in constructing fences for horses?
- 3 to 4 inches
 - 6 to 8 inches
 - 9 to 11 inches
 - 12 to 14 inches
69. What is the *minimum* amount of space needed per horse for a run in shed?
- 25 ft
 - 50 ft
 - 75 ft
 - 125 ft
70. In training horses, what type of stimulus is learned by practice?
- Conditioned
 - Unconditioned
 - Natural
 - Responsive
71. Which of these is NOT a type of negative reinforcement?
- Punishment
 - Escape
 - Reward
 - Avoidance
72. What is the most important characteristic in judging conformation?
- Quality
 - Balance
 - Height
 - Muscling

73. Which of these is NOT an Appaloosa coat pattern?

- A. Blanket
- B. Leopard
- C. Few-spot
- D. Overo

74. What is the term for a light blue iris resulting from lack of brown pigment?

- A. Wall-eye
- B. Mottled-eye
- C. Blind-eye
- D. White-eye

75. What are the dark spots on a white coronet band called?

- A. Mottling
- B. Distal spots
- C. Caudal spots
- D. None of the above

76. A red roan occurs with what color base coat?

- A. Black
- B. Bay
- C. Chestnut
- D. Sorrel

77. The _____ plane separates the horse into equal left and right parts

- A. Transverse
- B. Sagittal
- C. Median
- D. Dorsal

78. Which of the following does not describe an animal in the order perissodactyla:

- A. Odd toed
- B. Non-ruminant
- C. Hooved
- D. Even toed

79. A horse trailer should be at least _____ inches higher than the horse's head at resting position?

- A. 2
- B. 4
- C. 6
- D. 10

80. What type of bit has a soft, apple flavored rubber mouthpiece?

- A. Sweet Mouth
- B. Happy Mouth
- C. German Mouth
- D. Apple Mouth

81. What type of equipment consists of a bosal noseband attached to the headstall and is sometimes used for training young horses?

- A. Jaquima
- B. Hackamore Bit
- C. Western Curb
- D. None of the above

82. Which discipline would NOT use a Weymouth bridle?

- A. Saddle Seat
- B. Dressage
- C. Hunters
- D. Reining

83. What is the maximum height of ponies?

- A. 12.2 hands
- B. 13.2 hands
- C. 14.2 hands
- D. 15.2 hands

84. When harvesting wet hay, what preservative can be applied to inhibit fermentation?

- A. Buteric acid
- B. Propionic acid
- C. Acetic acid
- D. Ascorbic acid

85. Symptoms of Wobbler's Syndrome includes:

- A. Uncoordinated gait
- B. Wide based stance
- C. Spasticity
- D. All of the above

86. Which muscles reduce the protrusion of the anus during defecation?

- A. Dorsal sacrocaudal muscles
- B. Anal sphincter muscles
- C. Coccygeus muscles
- D. Anal levator muscles

87. Major contributors to developmental orthopedic disease in growing horses include?

- A. Rapid growth, trauma to growth plate, poor nutrition
- B. Rapid growth, poor nutrition, bone cysts
- C. Genetic predisposition, shoes, exercise
- D. Protein imbalance, exercise, trauma to growth plates

88. Which of the following amounts are important when preparing a mare's milk substitute for an orphan foal?
- Low milk fat
 - High lactose
 - Volume of replacer
 - All of the above
89. The skeletal system of the horse functions as:
- levers, mineral store, blood cell formation
 - levers protect organs, regulates sodium levels
 - provides framework for muscles, protects organs, filters fluid
 - stores minerals, releases hormones for growth.
90. Cirrhosis is a chronic disease that affects which organ?
- Kidney
 - Pancreas
 - Liver
 - Spleen
91. Who is the foundation sire for the American Saddlebred horse?
- Denmark
 - Egypt
 - Darley
 - Godolphin
92. What enzyme is produced in the fundus of the stomach and helps break down proteins?
- Amylase
 - Lipase
 - Pepsin
 - Protease
93. The brachial plexus is the origin for nerves in what area of the body?
- Abdomen
 - Facial nerves
 - Forelegs
 - Hindlegs
94. Which one of these is a fat-soluble vitamin?
- Vitamin C
 - Vitamin D
 - Riboflavin
 - Biotin
95. Which of these is NOT a Volatile Fatty Acid (VFA)?
- Urea
 - Acetate
 - Propionate
 - Butyrate
96. In modern cutting competitions, how long does the rider have to demonstrate their ability to cut the cattle from the herd?
- 60 seconds
 - 1 minute and 30 seconds
 - 2 minutes and 30 seconds
 - 5 minutes and 30 seconds
97. In reining competition, each horse automatically begins with a score of ____?
- 0
 - 60
 - 70
 - 100
98. Which if the following would result in elimination from an equitation over fences class?
- 2 faults
 - 4 faults
 - Second refusal
 - Third refusal
99. Which is not another term for western reins that are closed and connected with a flexible quirt sometimes called a "romal"?
- California reins
 - Texas reins
 - Vaquero reins
 - Oklahoma reins
100. What is the purpose of adding shanks to a mouthpiece?
- Direct pressure
 - Leverage
 - To prevent fidgeting
 - Evasion