

Contestant Name _____ Team/County _____

2024 Equismartz Hippology Contest- Junior Written Exam

1. What horse color has a yellow colored body and black points? (ES 43)
 - A. Buckskin
 - B. Palomino
 - C. Grulla
 - D. Chestnut
2. When measuring a horse, one "hand" is equivalent to how many inches? (ES 27)
 - A. 2
 - B. 4
 - C. 6
 - D. 8
3. What major energy source is made up of sugars, starch, and fiber? (ES 145)
 - A. Proteins
 - B. Lipids
 - C. Carbohydrates
 - D. Electrolytes
4. Which of the following gaits has 3 beats? (ES 81)
 - A. Walk
 - B. Trot
 - C. Canter
 - D. Gallop
5. When using this type of vision, both eyes work in unison, looking at the same thing at the same time. (ES56)
 - A. Parturient
 - B. Monocular
 - C. Fight or Flight
 - D. Binocular
6. The rising and descending of the rider in the saddle with the rhythm of the trot is called? (HH 20)
 - A. Dallying
 - B. Posting
 - C. 2 point
 - D. Racing
7. This occurs when there is "scuffing" or interference of the inside diagonal forefeet and hindfeet. (HH 13)
 - A. Paddling
 - B. Pointing
 - C. Cross-firing
 - D. Scalping

8. In this western bridle, a brow band is added to the crown piece that goes around the ear. (HH 27)
 - A. Split Ear
 - B. Slip Ear
 - C. Conventional
 - D. Double Ear
9. What piece of equipment is fastened to both front legs of a horse to prevent it from moving away from camp? (HH 27)
 - A. Cante
 - B. Cavesson
 - C. Corona
 - D. Hobbles
10. What hoof problem includes bruises of the sole at the wall and bar of the hoof? (HH 50)
 - A. Corns
 - B. Gravel
 - C. Thrush
 - D. Ringbone
11. Which of the following is NOT a primitive marking? (ES 38)
 - A. Ermine Spots
 - B. Dorsal Stripe
 - C. Wither Stripe
 - D. Cobwebbing
12. What is the ideal slope of the shoulder? (HSci 9)
 - A. 25°
 - B. 45°
 - C. 65°
 - D. 95°
13. What common unsoundness results in a cloudy or opaque appearance of the eye? (HSci 13)
 - A. Poll Evil
 - B. Fistula
 - C. Sweeney
 - D. Cataract
14. What teeth are known as the “rear teeth” and are used for grinding feed? (HSci 15)
 - A. Incisors
 - B. Canines
 - C. Molars
 - D. Wolf Teeth
15. Horses have how many pairs of chromosomes? (HSci 18)
 - A. 20
 - B. 25
 - C. 30
 - D. 32

16. The period in which a mare is receptive to mating and is often known as "heat". (HSci 22)
- A. Ovum
 - B. Castration
 - C. Fetus
 - D. Estrus
17. What do you call a castrated adult male horse? (HSci 22)
- A. Filly
 - B. Colt
 - C. Gelding
 - D. Stallion
18. How long is gestation for the mare? (HSci 25)
- A. 9 mo
 - B. 11 mo
 - C. 13 mo
 - D. 15 mo
19. This part of the digestive system is the first portion of the large intestine, and is the primary site of fiber breakdown. (HSci 31)
- A. Jejunum
 - B. Colon
 - C. Stomach
 - D. Cecum
20. What vitamin is essential to aid in blood clotting? (HSci 35)
- A. A
 - B. D
 - C. E
 - D. K
21. This is a disease that may be transmitted from one animal to another by direct or indirect contact. (HSci 47)
- A. Contagious
 - B. Non-Contagious
 - C. Spready
 - D. Zoological
22. This illness is abdominal pain, usually originating in the digestive tract (HSci 50).
- A. Founder
 - B. Colic
 - C. Influenza
 - D. EPM
23. What causes ringworm? (HSci 53)
- A. Flies
 - B. Bacteria
 - C. Virus
 - D. Fungus

24. What coat color can become lighter as a horse ages? (ES 45)
- A. Dun
 - B. Chestnut
 - C. Black
 - D. Grey
25. Quarter horses are most likely to have what genetic disorder? (HSm 505-8)
- A. SCID
 - B. LWOS
 - C. HYPP
 - D. EDM
26. This is the term used when all moisture has been removed from feed for sampling? (HSm 410-1)
- A. Total Nutrient Content
 - B. Total Digestible Protein
 - C. Total Crude Protein
 - D. Dry Matter
27. What is a pus pocket or infection in the sensitive tissue of the hoof called? (HSm 375-6)
- A. Thrush
 - B. Corns
 - C. Bruise
 - D. Abscess
28. What basic coat color has a red coat with red points, although the mane or tail can be lighter or darker than the coat color? (ES 39)
- A. Black
 - B. Bay
 - C. Chestnut
 - D. Roan
29. When you measure a Thoroughbred, what part of the horse do you measure to the top of? (ES 26)
- A. Croup
 - B. Poll
 - C. Withers
 - D. Gaskin
30. Which of the following horses is NOT a “cold blood”? (ES 24)
- A. Arabian
 - B. Percheron
 - C. Suffolk Punch
 - D. Clydesdale
31. What is the offspring of a male horse and a female donkey? (ES 22)
- A. Mule
 - B. Jenny
 - C. Donkey
 - D. Hinny

32. Which of the following is NOT a part of the endocrine system? (ESci 213)
- A. Thyroid
 - B. Liver
 - C. Pancreas
 - D. Ovaries
33. Which of the following is the most cranial? (ESci 200)
- A. Ears
 - B. Neck
 - C. Barrel
 - D. Croup
34. What type of immunity is passed from the dam to the foal via colostrum? (ESci 169)
- A. Passive
 - B. Active
 - C. Vector
 - D. Herd
35. The “skin-pinch” test is used to test what for the horse? (ESci 164)
- A. Temperature
 - B. Age
 - C. Dehydration
 - D. Respiration
36. What is a normal resting temperature for an adult horse? (ESci 159)
- A. 90°
 - B. 94°
 - C. 100°
 - D. 105°
37. A diet that provides too much energy can cause all of the following problems EXCEPT? (ESci 144)
- A. Obesity
 - B. Fatigue in Working Animals
 - C. Founder
 - D. Colic
38. Mastication breaks down food through what method? (ESci 109)
- A. Chemical
 - B. Mechanical
 - C. Bacterial
 - D. Fermentation
39. This is the term for the genetic makeup of the horse. (ESci 93)
- A. Genotype
 - B. Phenotype
 - C. Melanin
 - D. Homozygous
40. What is the name of a two-beat lateral gait? (ESci 81)
- A. Pace
 - B. Trot
 - C. Running Walk
 - D. Rack

41. What is the scientific name for the drug, GastroGard, used to treat ulcers? (HSm 370-9)
- A. Pergolide
 - B. Phenyl Butazone
 - C. Omeprazole
 - D. Clenbuterol
42. This is a medication that counteracts a poison. (ESm 365-6)
- A. Hematinic
 - B. Prophylactic
 - C. Diuretic
 - D. Antidote
43. At what age does the Galvayne's groove appear at the gum line of the upper corner incisor? (HSm 315-2)
- A. 5 yrs
 - B. 10 yrs
 - C. 15 yrs
 - D. 20 yrs
44. What is the name of a bitless bridle? (HSm 155-7)
- A. Jibbah
 - B. Hackamore
 - C. Tom Thumb
 - D. Curb Strap
45. What type of saddle allowed ladies to ride with both legs on the same side of the horse? (HSm 155-4)
- A. Endurance Saddle
 - B. Stock Saddle
 - C. Roping Saddle
 - D. Sidesaddle
46. What horse breed was developed to be able to travel long distances in harsh desert conditions? (HSm 115-1)
- A. Quarter Horse
 - B. Clydesdale
 - C. Haflinger
 - D. Arabian
47. What hormone is secreted by the ovaries and is responsible for external showing of heat? (HSm 515-11)
- A. Estrogen
 - B. Testosterone
 - C. GnRH
 - D. Growth Hormone
48. What type of thoroughbred race involves assigning a weight to each individual horse based on age, sex, and past performance? (HSm 175-4)
- A. Maiden
 - B. Claiming
 - C. Sprint
 - D. Handicap

49. What might a farrier add to a horse's shoes to take the stress of the nails and stabilize the shoe on the foot? (HSm 230-7)
- A. Hooks
 - B. Sides
 - C. Clips
 - D. Rasps
50. This is the name for a male horse with one or both testicles retained. (HSm 520-1)
- A. Gelding
 - B. Spayed
 - C. Cryptorchid
 - D. Mitbah