

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

1. The earliest members of the Equidae family had how many toes on each foot?
 - a. 4
 - b. 2
 - c. 3
 - d. 1
2. At racing speed, a Standardbred can trot at over:
 - a. 20 mph
 - b. 10 mph
 - c. 15 mph
 - d. 30 mph
3. What is the first step in treating an abscess?
 - a. soak the area in epsom salt
 - b. give bute
 - c. open the affected area and allow it to drain.
 - d. antibiotics
4. The horse's field of binocular vision is:
 - a. approximately 95 degrees.
 - b. approximately 20 degrees.
 - c. approximately 80 degrees.
 - d. approximately 65 degrees.
5. Grulla horses are a sub-group of:
 - a. palominos
 - b. dun-colored horses
 - c. buckskins
 - d. black horses
6. What glands lubricate the eye?
 - a. superior and posterior lacrimal glands
 - b. anterior and posterior lacrimal glands
 - c. superior and inferior lacrimal glands
 - d. inferior and anterior lacrimal glands
7. This is defined as a pattern of movement.
 - a. trot
 - b. walk
 - c. gait
 - d. canter

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

8. The scientific classification of the domestic ass is _____.
- Equus Domesticus
 - Equus Callabus
 - Equus Donkeas
 - Equus Asinus
9. Which one of these gaits is not a "single-foot" gait?
- rack
 - slow gait
 - walk
 - fox trot
10. Regarding coat color, black pigmented collors include all of these, EXCEPT:
- red dun
 - black
 - brown
 - grulla
11. Hotblooded horses are defined as:
- horses that are 16.0 hands and under.
 - horses that do not grow winter coats.
 - horses of Arabian descent.
 - horses that tend to spook easily.
12. Two bits are used in a full or Weymouth bridle. What is the small snaffle bit in this bridle called?
- bridoon
 - snaffle
 - gag
 - skinny
13. A horse's olfactory sense is:
- its sense of smell
 - its sense of touch
 - its sense of sight
 - its sense of taste
14. Which of the following equid had high crowned teeth?
- Mesohippus
 - Prehorse
 - Eohippus
 - Pliohippus

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

15. What is the approximate size of the horse's field of vision for each eye?
- a. 360 degrees
 - b. 250 degrees
 - c. 180 degrees
 - d. 245 degrees
16. Pigment cells are also called:
- a. eumelanin
 - b. melanocytes
 - c. melanin
 - d. pheomelanin
17. The horse is all of the following except?
- a. Omnivore
 - b. Herbivore
 - c. Non-Ruminant
 - d. Prey
18. What bit material increases salivation to make the mouth more responsive when used on a mouthpiece?
- a. german silver
 - b. steel
 - c. copper
 - d. iron
19. How many chambers is the heart composed of?
- a. 2
 - b. 3
 - c. 4
 - d. 6
20. This is the faster gait of harness horses:
- a. rack
 - b. trot
 - c. gallop
 - d. pace
21. The process of passing genetic material to the next generation is called:
- a. reproducing
 - b. heritage
 - c. mating
 - d. inheritance

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

22. This group has been a leader in equine genome research:
- The National Society of Animal Genetics
 - The International Society of Animal Genetics
 - The National Society of Equine Genetics
 - The International Society of Equine Genetics
23. The haploid number of chromosomes in horses is:
- 31
 - 22
 - 32
 - 33
24. Total range of vision for the horse is:
- 270 degrees
 - 300 degrees
 - 325 degrees
 - 350 degrees
25. In the horse's small intestine soluble carbohydrates are digested into what simple structure to be absorbed and used as energy?
- glucose
 - volatile fatty acids
 - amino acids
 - ketones
26. What bit is being described? This bit uses four reins. It is a one piece bit that functions like both a snaffle and a curb combined into one mouthpiece. One set of reins is attached to the rings and work like a snaffle and one set attaches to the shanks and adds leverage.
- pelham
 - weymouth
 - gag
 - liverpool
27. A mule is defined as:
- a miniature burro.
 - a male burro.
 - the offspring of a jack and a mare.
 - the offspring of a stallion and a jenny.
28. The first equid to walk permanently on one toe was the _____.
- Pliohippus
 - Eohippus
 - Mesohippus
 - Merychippus

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

29. At this gait, there are generally 3 feet on the ground at a time:
- walk
 - trot
 - canter
 - gallop
30. Tostado' is the term used in South America to describe a horse that is:
- red-colored with red points.
 - red-colored with darker colored points.
 - red-colored with lighter-colored points.
 - a grulla.
31. This disease is characterized by episodes of muscle tremors and weakness. Affected horses are hindered by high levels of potassium in the diet:
- Lethal White Foal Syndrome
 - Hemophilia
 - Severe Combined Immunodeficiency
 - Hyperkalemic Periodic Paralysis
32. Appaloosas are commonly referred to as what type of breed?
- stock horse
 - performance horse
 - sporthorse
 - halter horse
33. A horse that is predisposed to landing on the outside of its hoof walls stands on what type of base?
- bow legged
 - base wide
 - base narrow
 - cow hocked
34. Which nomadic tribesman were the first breeders of the Arabian?
- Kazakh Nomads
 - Bedouins
 - Adivasi
 - Beja
35. What is not a type of Buckskin or Dun colored horse?
- brindle dun
 - grulla
 - red dun
 - gold dun

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

36. What is the maximum height allowed for horses to be registered at the American Miniature Horse Association?
- 32 inches
 - 36 inches
 - 40 inches
 - 34 inches
37. American Paint Horses cannot be registered if they have lineage from what registry?
- AMHA
 - APHA
 - Jockey Club
 - AQHA
38. What is not a type of insurance coverage for horses?
- Major Medical
 - Loss of Use
 - Workers Comp
 - Mortality
39. What is not a type of Breeding Contract?
- Stallion Service Contract
 - Mare Sharing
 - Foal Sharing Agreement
 - Mare Lease
40. What is not a critical factor in determining a facilities plan?
- Economic Feasibility
 - Drainage
 - Ability to grow hay
 - Area
41. Which type of use is Board Fencing not ideal for?
- Stallion Fencing
 - Mares and Foals
 - Show and Sale Horse Paddocks
 - Arenas
42. Composting manure does not:
- kill nutrients
 - kill fly eggs
 - kill weed seeds
 - kill larvae

EXAM 1 SENIOR
DO NOT WRITE ON EXAM
ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

43. What is the term for the accumulation of excessive synovial fluid in the joint capsule of the fetlock?
- a. fetlockitis
 - b. bog spavin
 - c. wind-puffs
 - d. sesamoiditis
44. Night eyes are a common name for what structure on the horse?
- a. ergots
 - b. chestnuts
 - c. splints
 - d. corns
45. Epiphora is the result of a blocked nasolacrimal duct and results in the overflow of what fluid?
- a. blood
 - b. saliva
 - c. sweat
 - d. tears
46. What hoof disease is caused by hoof digesting fungi?
- a. sole disease
 - b. thrush
 - c. white line disease
 - d. laminitis
47. As a horse ages the shape of the incisors changes from oval to what shape?
- a. triangular
 - b. round
 - c. square
 - d. rectangular
48. Racing Quarter Horses can reach up to ____ when running:
- a. 18 mph
 - b. 50 mph
 - c. 35 mph
 - d. 40 mph
49. What two organs deliver enzymes and products into the duodenum to assist in the digestive process?
- a. gall bladder and bile duct
 - b. pancreas and liver
 - c. pancreas and gall bladder
 - d. liver and bile duct

EXAM 1 SENIOR

DO NOT WRITE ON EXAM

ALL ANSWERS SHOULD BE PLACED ON THE ANSWER SHEET FOR CREDIT

50. In what two breeds is Wobbler Syndrome most prevalent?

- a. Thoroughbred and Standardbred
- b. Quarter Horse and Arabian
- c. Quarter Horse and Thoroughbred
- d. Standardbred and Saddlebred