

Arabian Horse Hippology Contest Written Test 2018



Equine Management and General Facts

1. What is the approximate average temperature of a horse?
 - a. 97 – 98.5°F
 - b. 98.5 - 100°F
 - c. 100 – 101.5°F
 - d. 101.5 - 103°F
2. True or False: A horse's respiration rate should always be higher than the pulse rate.
 - a. True
 - b. False
3. What is the normal respiration rate for a resting horse?
 - a. 0-8 breaths per minute
 - b. 8-15 breaths per minute
 - c. 15-23 breaths per minute
 - d. 23-30 breaths per minute
4. Which of the following is **NOT** a vital sign of a horse?
 - a. Movement
 - b. Temperature
 - c. Skin Pliability
 - d. Respiration
5. A horse that has a crease down the back; difficult to feel ribs; fat around tailhead very soft; area along withers filled with fat; area behind shoulder filled with fat; noticeable thickening of neck; fat deposited along inner thighs; describes what body condition score?
 - a. Poor - 1
 - b. Thin - 3
 - c. Moderate - 5
 - d. Fat – 8
6. Which of the following is **NOT** a type of colic?
 - a. Displacement
 - b. Laceration
 - c. Telescoping
 - d. Twisting
7. True or False: Vaccination alone is sufficient to prevent infectious diseases.
 - a. True
 - b. False
8. Which of the following is **NOT** a sign of old age in a horse?
 - a. Drooping of the lower lip
 - b. Lower or swayed back
 - c. Tying up
 - d. Deepening of the hollows above the eyes

Arabian Horse Hippology Contest Written Test 2018



9. What does it mean when a horse travels in a manner inconsistent with its natural way of going?
 - a. Lameness
 - b. Structural fault
 - c. Colic
 - d. Equine Influenza
10. What is an inflammation of the sensitive laminae in the hoof?
 - a. Colic
 - b. Rabies
 - c. Laminitis
 - d. Tying Up
11. True or False: Horse can move each ear separately.
 - a. True
 - b. False
12. Which of the following is NOT a concern with concrete floors?
 - a. More bedding needed
 - b. Easily sanitized
 - c. Can be cold and slippery
 - d. Increased leg problems
13. Which of the following is NOT a type of sliding door?
 - a. Half-wood, half-bar door
 - b. Full wooden door
 - c. Mesh door
 - d. Hinged double door
14. What is the minimum desired height of a pasture fence?
 - a. 4 ft
 - b. 5 ft
 - c. 6 ft
 - d. 8 ft
15. Which of the following is NOT a determining factor in deciding what type of bedding to use?
 - a. Availability and price
 - b. Ease of handling
 - c. What you have always used
 - d. Absorption capability
16. Which of the following is not a proper way to manage manure:
 - a. compost
 - b. stockpile
 - c. bury it
 - d. daily land application
17. What term describes a part of the horse's ration that is a concentrated form of one or more of the essential nutrients?
 - a. Supplement
 - b. By-product
 - c. Antibiotic
 - d. concentrate

Arabian Horse Hippology Contest Written Test 2018



18. Which of the following is NOT a type of overheating in the horse?
 - a. Hyperthermia
 - b. Heat exhaustion
 - c. Tying up
 - d. Heat cramps
19. The horse is all of the following EXCEPT:
 - a. Omnivore
 - b. Herbivore
 - c. Non-Ruminant
 - d. Prey
20. What is the term for filing sharp points on a horse's teeth?
 - a. Trimming
 - b. Smoothing
 - c. Floating
 - d. Sanding
21. Where is a horse's height measured from?
 - a. At the top of his head
 - b. At the withers
 - c. At the back
 - d. At the hip
22. Which of the following internal parasite is associated with tail rubbing?
 - a. Bots
 - b. Ascarids
 - c. Pinworms
 - d. Lice
23. How much water does a mature horse drink in one day?
 - a. 6-8 gallons
 - b. 8-10 gallons
 - c. 10-12 gallons
 - d. 12-14 gallons
24. What is a male horse up to three years of age called?
 - a. Filly
 - b. Colt
 - c. Stallion
 - d. Mare
25. Horses have which kind of vision?
 - a. Monocular vision
 - b. Binocular vision
 - c. Both Monocular and Binocular
26. How many bones are in the skeleton of the horse?
 - a. 58
 - b. 162
 - c. 205
 - d. 335

Arabian Horse Hippology Contest Written Test 2018



Nutrition

27. How long is a horse's esophagus?
 - a. 20-30 inches
 - b. 30-40 inches
 - c. 40-50 inches
 - d. 50-60 inches
28. What volume is a horse's stomach?
 - a. 0-2 gallons
 - b. 2-4 gallons
 - c. 4-6 gallons
 - d. 6-8 gallons
29. How much does the large colon hold?
 - a. 10 gallons
 - b. 15 gallons
 - c. 20 gallons
 - d. 25 gallons
30. It is a general rule to graze horses when grasses are how tall?
 - a. 2-4 inches high
 - b. 4-6 inches high
 - c. 6-8 inches high
 - d. 8-10 inches high
31. As stated in the Horse Industry Handbook, how many acres are required per horse?
 - a. .5 acres
 - b. 1-2 acres
 - c. At least 2-3 acres
 - d. Over 15 acres
32. Horses require what percentage of their body weight in feed each day?
 - a. 1-2 %
 - b. 2-3 %
 - c. 3-4 %
 - d. Over 4%
33. What is the desired ratio of calcium to phosphorus in a ration in an average horse?
 - a. 1:1.1 - 1:2
 - b. 1.1:1 - 2:1
 - c. 2:1 - 3:1
 - d. 1:2 - 1:3
34. All horses should consume at least what percentage of their body weight in feed per day?
 - a. 1.5 % - 3%
 - b. 6% - 9.5%
 - c. 12% - 16%
 - d. 18% - 22.5%

Arabian Horse Hippology Contest Written Test 2018



35. What are the two basic classifications of forages?
- Timothy and orchard
 - Brome and Kentucky bluegrass
 - Legumes and grasses
 - Alfalfa and Bermuda grasses
36. Which of the following is a warm season forage?
- Bermudagrass
 - Alfalfa
 - Kentucky Bluegrass
 - Orchardgrass
37. When reading a feed tag, what provides information on concentrations of specific nutrients?
- Ingredient list
 - Name of feed
 - Feeding directions
 - Guaranteed analysis

Foot Care

38. What discipline are sliding plates used for?
- Dressage
 - Driving
 - English Pleasure
 - Reining
39. A sloping shoulder or pastern:
- Create less and absorb more concussion in the hoof than straighter ones
 - Make a rougher riding horse
 - Are an undesirable trait
 - Have a shorter, choppier stride
40. A pus pocket or an infection of the sensitive structures of the hoof describe what?
- Corns
 - Sand Crack
 - Abscess
 - White Line Disease
41. What kind of shoe is usually used on a horse with navicular?
- Bar shoe with heel support
 - Polo Plate
 - Shoe with toe and heel chalks
 - Concave-fullered rim
42. An infection in the hoof wall caused by bacteria, hoof digesting fungi or both
- Navicular
 - Founder
 - White line disease
 - Laminitis

Arabian Horse Hippology Contest Written Test 2018



43. This is caused by excessive concussion to the sole of the hoof:
- Thrush
 - Sole bruise
 - White line disease
 - Laminitis
44. Which of these refers to an infection of the frog?
- Founder
 - Gravel
 - Laminitis
 - Thrush

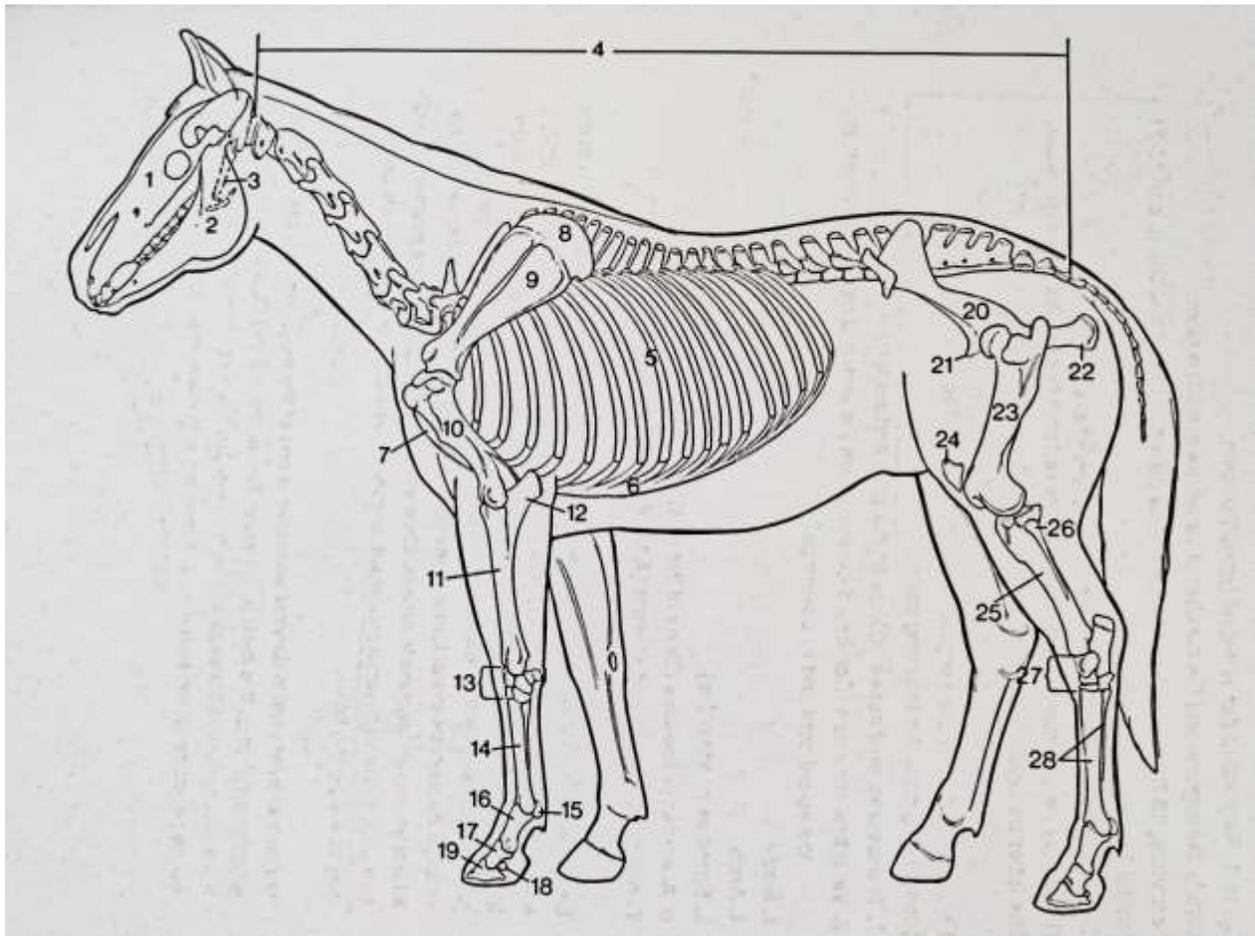
Diseases

45. Tetanus
- Blood-sucking insects transmit the virus to horses
 - Infects the respiratory tract causing signs of mild fever
 - Usually caused by deep puncture wounds
 - mosquitos primarily transmit the virus
46. West Nile Encephalitis:
- Mosquitos primarily transmit the virus
 - Is one of the most common respiratory diseases of horses
 - Usually caused by deep puncture wounds
 - Primary host is the opossum
47. Equine Protozoal Myloencephalitis:
- Mosquitos primarily transmit the virus
 - Is one of the most common respiratory diseases of horses
 - Usually caused by deep puncture wounds
 - Primary host is the opossum
48. Rabies:
- Blood-sucking insects transmit the virus to horses
 - Neurological disease
 - Infection of the respiratory tract
 - Primarily affects older horses
49. Equine Herpesvirus (Rhinopneumonitis):
- Affects the respiratory tract
 - Mild to profuse diarrhea
 - Lock Jaw
 - Paralysis can develop
50. A pituitary tumor in horses can result in what disease?
- Melanoma
 - Laminitis
 - Hemphilia
 - Cushing's Syndrome

Arabian Horse Hippology Contest Written Test 2018



51. How is influenza spread?
- By insect bite
 - By water troughs
 - By aerosol over short distances
 - By nasal discharge
52. Which of the following is NOT a clinical sign of tetanus?
- Hyper-responsiveness to light
 - Flared nostrils
 - Muscle spasms
 - Biting at stomach
53. Name an infectious disease that horses cannot be vaccinated for:
- Equine Infectious Anemia (EIA)
 - Clostridium (type C & D)
 - Rhinopneumonitis
 - Equine Viral Arteritis (EVA)



Arabian Horse Hippology Contest Written Test 2018



Anatomy

54. Please identify number 2 in the picture on page 7:
- Sternum
 - Tibia
 - Mandible
 - Radius
55. Please identify number 7 in the picture on page 7:
- Sternum
 - Skull
 - Femur
 - Tibia
56. Please identify number 9 in the picture on page 7:
- Humerus
 - Ribs
 - Femur
 - Scapula
57. Please identify number 12 in the picture on page 7:
- Humerus
 - Ulna
 - Patella
 - Metatarsal Bones
58. Please identify number 14 in the picture on page 7:
- Cannon Bone
 - Tibia
 - Distal Phalanx
 - Femur
59. Please identify number 18 in the picture on page 7:
- Radius
 - Navicular Bone
 - Sternum
 - Tarsal Bones
60. Please identify number 19 in the picture on page 7:
- Tibia
 - Scapula
 - Distal Phalanx
 - Ribs
61. Please identify number 22 in the picture on page 7:
- Fibula
 - Proximal Phalanx
 - Humerus
 - Ischium

Arabian Horse Hippology Contest Written Test 2018



62. Please identify number 24 in the picture on page 7:
- Fibula
 - Patella
 - Sternum
 - Radius
63. Please identify number 26 in the picture on page 7:
- Fibula
 - Ulna
 - Scapula
 - Radius
64. What is the largest joint in the horse?
- Hock
 - Knee
 - Stifle
 - Shoulder
65. The skull of a horse contains how many bones?
- 12
 - 24
 - 34
 - 40
66. What bones make up the knee of the horse?
- Tarsus bones
 - Carpal bones
 - Phalanx bones
 - Metacarpus bones
67. Where on the horse would you find the poll?
- At the highest point of the horses head
 - At the top of the shoulder
 - The point of hip
 - At the back of the knee
68. What effect does a steep shoulder angle have on the horse's conformation?
- A shorter neck and a longer back
 - A longer neck and shorter back
 - Longer legs with more action
 - Shorter legs with more action
69. What is the hardest working joint in the horse's body?
- The hock
 - The knee
 - The hip
 - The shoulder

Arabian Horse Hippology Contest Written Test 2018



70. When viewed from the side, what does it mean for a horse to be post legged?
- The hind legs are too straight
 - The hind legs are set too far out behind
 - The front legs are set too wide
 - A post legged horse may only be viewed from the front
71. Which of the following is NOT a basic classification of bones in a horse?
- Long
 - Round
 - Short
 - Irregular
72. It is estimated that 70% of all lameness is located where on the horse?
- Shoulder
 - Front legs
 - Stifles
 - Hocks

Terms

73. A rein designed to keep a horse's head in a certain position by attaching to the bridle and then to the saddle or harness
- Cold back
 - Checkrein
 - Tie down
 - Lock jaw
74. The angle at which the head and neck meet
- Collection
 - Long lines
 - Mitbah
 - Jibbah
75. A foal that stands and nurses
- Dummy foal syndrome
 - Long-day breeder
 - Live foal
 - Equine
76. A shock from impact
- Concussion
 - Broke
 - Pulse
 - Maiden
77. The bulge on the head of an Arabian horse
- Jibbah
 - Mitbah
 - Forehead
 - Skull

Arabian Horse Hippology Contest Written Test 2018



78. The enzyme in intestinal fluids that breaks down the milk sugar, lactose, to form glucose and galactose
- Lactating mare
 - Lactase
 - Culture
 - Endoscopic
79. A condition when the knees protrude too far forward
- Knock kneed
 - Sickle hocked
 - Knee sprung
 - Cross fire
80. What term best describes a mare that is not cycling?
- Anestrus
 - Diestrus
 - Monoestrus
 - Polyestrus

Exercise Physiology

81. Which of the following is NOT a non-infectious respiratory disorders?
- Exercise induced pulmonary hemorrhage
 - Laryngeal hemiplegia
 - Chronic obstructive pulmonary disease
 - Muscle hypertrophy
82. The two most important dietary energy components in feeds are:
- Carbohydrates and fat
 - Fiber and calcium
 - Fiber and protein
 - Carbohydrates and sugars
83. What does EIPH stand for?
- Equine initial pulse height
 - Exercise induced pulmonary hemorrhage
 - Exercise induced pulse height
 - Equine injury pulse hypoxia
84. True or False: During exercise a horse can release additional red blood cells from their kidneys.
- True
 - False
85. What is the largest tissue mass in the horse's body?
- Heart
 - Muscles
 - Lungs
 - Veins

Arabian Horse Hippology Contest Written Test 2018



86. Which of the following is NOT a type of muscle in the horse?
- Smooth
 - Cardiac
 - Rigid
 - Skeletal
87. What is the ideal body score of a horse in intense training?
- 4
 - 5
 - 6
 - 7

Reproduction

88. How long is a mare's estrous cycle?
- 19-21 days
 - 21-23 days
 - 25-27 days
 - 28-30 days
89. The reproductive habits of a mare are:
- Seasonally polyestrous
 - Estrus cycle
 - Anestrus
 - Hormones
90. How long is a mare in heat?
- 1-3 days
 - 3-5 days
 - 5-7 days
 - 7-10 days
91. Which of the following describes a maiden mare:
- A mare which will foal in the current year or the following year
 - A mare currently nursing a foal
 - A mare not pregnant in the current year
 - A mare that has never delivered a foal
92. What is the average gestation length of a mare?
- 290-312
 - 312-335
 - 335-342
 - 380-415
93. What is the main purpose of the scrotum on a stallion?
- Thermoregulation
 - Breeding
 - Flagging
 - Flehmen response

Arabian Horse Hippology Contest Written Test 2018



94. Which is not a criteria used during semen evaluation?
- a. Concentration
 - b. Motility
 - c. Morphology
 - d. Temperature
95. When talking about DNA, what is it called when one allele has the ability to cover up another?
- a. Dominance
 - b. Recessive
 - c. Codominance
 - d. Incomplete Dominance
96. A mare that was bred on May 20 should foal in what month next year?
- a. February
 - b. March
 - c. April
 - d. May

Arabian Horse Rules

97. Which of the following is NOT cause for elimination in an equitation class?
- a. Fall of horse or rider
 - b. Failure to complete part of the pattern
 - c. Illegal use of hand on reins
 - d. Excessive schooling or training
98. Which gait is NOT called for in an Ameteur Country English Pleasure class?
- a. Walk
 - b. Normal Trot
 - c. Canter
 - d. Strong Trot
99. In a Country English Pleasure class what type of a saddle is used?
- a. Hunter seat saddle
 - b. Dressage saddle
 - c. Saddle seat saddle
 - d. Reining saddle
100. When must the pattern for an equitation class be posted at a National show?
- a. 6 hours before the session
 - b. 12 hours before the session
 - c. 18 hours before the session
 - d. 24 hours before the session

Arabian Horse Hippology Contest Written Test 2018



Key

- | | | |
|-------|-------|--------|
| 1. C | 35. C | 69. A |
| 2. B | 36. A | 70. A |
| 3. B | 37. D | 71. B |
| 4. A | 38. D | 72. B |
| 5. D | 39. A | 73. B |
| 6. B | 40. C | 74. C |
| 7. B | 41. A | 75. C |
| 8. C | 42. C | 76. A |
| 9. A | 43. B | 77. A |
| 10. C | 44. D | 78. B |
| 11. A | 45. C | 79. C |
| 12. B | 46. A | 80. A |
| 13. D | 47. D | 81. D |
| 14. B | 48. B | 82. A |
| 15. C | 49. A | 83. B |
| 16. C | 50. D | 84. B |
| 17. D | 51. C | 85. B |
| 18. C | 52. C | 86. C |
| 19. A | 53. A | 87. B |
| 20. C | 54. C | 88. B |
| 21. B | 55. A | 89. A |
| 22. C | 56. D | 90. C |
| 23. B | 57. B | 91. D |
| 24. B | 58. A | 92. C |
| 25. C | 59. B | 93. A |
| 26. C | 60. C | 94. D |
| 27. D | 61. D | 95. A |
| 28. B | 62. B | 96. C |
| 29. C | 63. A | 97. B |
| 30. C | 64. C | 98. D |
| 31. C | 65. C | 99. C |
| 32. B | 66. B | 100. D |
| 33. B | 67. A | |
| 34. A | 68. A | |