Practice Hippology Written Exam #1 Answers

Name the Leg Markings - match the description with the correct leg marking (H&H 7)

1. E__White strip covering coronary band A. Ankle
2. A__White from coronet to and including the fetlock B. Pastern
3. D__White from coronet to mid cannon C. Full stocking
4. C__White from coronet to knee or hock D. Half stocking
5. B__White from coronet to and including the pastern E. Coronet

Conformation - circle the correct answer

6. Which is NOT a factor of conformation? (H&H8)
   A. Type B. Muscling C. Balance D. Color
7. A horse that has too much belly is said to be what? (H&H9)
   A. Skinny B. Paunchy C. Balanced D. Strong
8. At what degree angle should the neck join the shoulder? (H&H10)
   A. 45 B. 55 C. 65 D. 75
9. What is it called when the lower jaw is shorter than the upper jaw? (H&H10)
   A. Monkey Mouth B. Roman Nose C. Parrot Mouth D. Wide Mouth
10. What part of the body supports the weight of the saddle and rider? (H&H10)
    A. Loin B. Withers C. Rump D. Neck
11. A horse that fits together well and has equal sized fore and hindquarters is said to be...(H&H9)
    A. Muscled B. Balanced C. Defined D. Sized

Parts of the Horse – Put these parts in order 1 through 5 with 1 being closest to the head and 5 being closest to the tail. (HIH220-3)

12. 5__ Croup
13. 3__ Withers
14. 1__ Poll
15. 2__ Neck
16. 4__ Back
Fire Safety - write True if the statement is true and False if the statement is false

17. False  Spring time is the most common time of the year for barn fires (HIH340-1)
18. True  Flammable materials should not be stored in the barn (HIH340-1)
19. True  The fire department’s phone number should be posted in your barn (HIH340-2)
20. False  Smoking in barns is okay to do (HIH340-2)
21. True  Hay, straw, and shavings are highly flammable (HIH340-1)

The Healthy Horse - fill in the correct word from below in the appropriate blank space (HIH425)

22. The pulse rate for a resting horse is _____ 50 _______ beats per minute.
23. The function of saliva is to moisten food to help with ____ Mastication _______.
24. The normal temperature of the horse is ____ 101 _____ degrees.
25. Pressing the thumb against the upper gum of the horses mouth for a few seconds and then releasing and looking at the color is a way to test the horse’s ___Capillary Refill Time_____.
26. An adult horse will produce 28 to 50 pounds of manure in a _____ 24 _____ hour period.
27. ___Tears_______ are an important function of the healthy eye.
28. The respiration rate for a resting horse is ____ 12 _____ breaths per minute.
29. ___Weaving_________ is a stable vice that consists of side to side movement of the upper body and head.
30. Urine that is a brownish-green color may indicate that your horse has ____ Jaundice _____.
31. Temperature, pulse, respiration, and capillary refill time are all ___ Vital Signs ______.

Answers for questions 22 – 31.

12  24  50
101  Capillary Refill Time  Jaundice
Mastication  Tears  Vital Signs
Weaving
Equine Diseases - Match the symptoms with the appropriate disease (HIH605 - 655)

32. **E** Nasal discharge, swollen and abscessed lymph nodes  A. Colic
33. **B** Inflammation of the brain, carried by birds or mosquitoes  B. Encephalitis
34. **G** Fever, jaundice, depression - diagnosed by Coggins test  C. Tetanus
35. **A** Abdominal pain, pawing, kicking at the belly  D. Founder
36. **D** Severe lameness, heat in the hoof  E. Strangles
37. **C** Deep puncture wound, stiffness, muscle spasms  F. Lyme Disease
38. **F** Disease caused by infected ticks, causes arthritis,  G. Equine Infectious Anemia

Basic and Variations - Write a B if it is a basic coat color and a V if it is a variation (H&H 4 - 5)

39. **B** Bay  43. **B** Chestnut
40. **V** Palomino  44. **V** Roan
41. **V** Paint  45. **B** Black
42. **B** White

Respiration - Write True if the statement is true, and False if the statement is false (HIH810-1)

46. **True** Oxygen is taken in by the horse during respiration
47. **True** Air passes through the pharynx and larynx before entering the trachea
48. **False** The horse’s vocal cords are located in the nose
49. **True** When horses breath in, the diaphragm and muscles in the rib expand the chest
50. **False** During exercise, horses need less oxygen then when they are resting
**Blemishes and Unsoundnesses** – circle the correct answer (HS 13)

51. Which is an unsoundness of the head?
   - A. Parrot Mouth  
   - B. Fistula  
   - C. Heaves  
   - D. Ewe Neck

52. Which is a blemish of the leg?
   - A. Blindness  
   - B. Bowed Tendons  
   - C. Capped Elbow  
   - D. Sway Back

53. What part of the body does stringhalt affect?
   - A. Head  
   - B. Front Legs  
   - C. Back  
   - D. Back Legs

54. Which of the following is a blemish?
   - A. Poll Evil  
   - B. Quarter Crack  
   - C. Curb  
   - D. Roaring

55. Which of the following is an unsoundness?
   - A. Shoe Boil  
   - B. Thrush  
   - C. Sand Crack  
   - D. Founder

56. What part of the body does thrush affect?
   - A. Head  
   - B. Feet  
   - C. Shoulder  
   - D. Knee

**Equine Diseases** – Write the correct letter of the disease next to the bacteria or virus that causes the disease.

57. C Salmonella (HIH660-1)  
   - A. Borreliosis  
58. E Equine arteritis virus (HIH620-1)  
   - B. Strangles  
59. A Borrelia burgdorferi (HIH655-1)  
   - C. Equine Salmonellosis  
60. D Clostridium tetani (HIH645-1)  
   - D. Tetanus  
61. B Streptococcus equi (HIH615-1)  
   - E. Equine Viral Arteritis

**Genetics** - circle the correct answer

62. What is the basic unit of inheritance? (HIH1020-1)
   - A. Genes  
   - B. Chromosomes  
   - C. Cells  
   - D. Units

63. What is the genetic makeup of a horse known as? (HIH1020-2)
   - A. Phenotype  
   - B. Genotype  
   - C. Heterozygous  
   - D. Homozygous

64. What is a cross between a jackass and a mare called? (H449)
   - A. Hinny  
   - B. Mule  
   - C. Burro  
   - D. Zebra

65. What is the designation of a mare’s sex chromosome pair? (H461)
   - A. MM  
   - B. FF  
   - C. WW  
   - D. XX

66. How many pairs of chromosomes does the horse have? (HIH1020-1)
   - A. 23  
   - B. 27  
   - C. 32  
   - D. 40
Know your ABC’s - fill in the blank with a word starting with the underlined letter.

67. What is the placenta called after it leaves the mare’s body? **Afterbirth** (HIH940-4)
68. What are the vessels that bring blood away from the heart called? **Arteries** (HIH830-1)
69. What material is preferred for jumping and reining shoes? **Aluminum** (HIH515-4)
70. What is a mark that is burned on the cheek, shoulder, or hip called? **Brand** (H&H4)
71. What term describes a group of horses having a common origin and certain distinguishable characteristics that are passed on to their offspring? **Breed** (H&H56)
72. What is the upper curved part of the neck called? **Crest** (H&H9)
73. What piece of tack loops under the horse’s tail and attaches to the saddle to prevent the saddle from slipping forward? **Crupper** (H&H34)
74. What is the first milk that a mare produces for her foal called? **Colostrum** (HIH940-3)
75. What is a male horse called that has retained one or both of his testicles in his body cavity? **Cryptorchid** (HIH920-1)
76. What is the name of the bone in the hoof? **Coffin Bone** (HIH505-5)

**Tack and Equipment** – Match the correct letter term with its definition (H&H 27 and 29)

77. **G** A strap attached to the halter for leading   
A. War bridle  
78. **I** The back of the saddle  
B. Tree  
79. **J** The part of the bit that curves up over the tongue  
C. Cinch  
80. **F** The part of the hackamore that fits over the nose  
D. Honda  
81. **A** An emergency bridle made of rope  
E. Curb chain  
82. **B** The wooden frame of a saddle  
F. Bosal  
83. **E** A metal chain attached to the curb bit  
G. Lead strap  
84. **D** A ring of rope on a lasso through which the loop slides  
H. Fork  
85. **C** A wide cord girth used on a western saddle  
I. Cantle  
86. **H** The front part of the western saddle over the withers  
J. Port

**Breeds And Associations** – circle the correct answer

87. In Reining events, what score does each horse start their pattern with? (HIH162-1)  
   A. 70  
   B. 80  
   C. 90  
   D. 100  
88. Hackney ponies resulted from a cross of the Hackney horse to what breed? (HIH170-1)  
   A. POAs  
   B. Exmoor  
   C. Shetland  
   D. Welsh
89. The USDF promotes which discipline? (HIH172-1)
   A. Driving      B. Dressage   C. Saddleseat   D. Sidesaddle
90. What breed is born dark and turns white between the ages of 6 and 10? (HIH174-1)
   A. Lipizzan  B. Appaloosa  C. Quarter Horse  D. Arabian
91. What breed organization registers Thoroughbreds? (HIH157-1)
   A. ATHA      B. ASTA       C. NRHA       D. Jockey Club
92. Arabians are usually how tall in hands? (HIH150-1)
   A. 12.1 to 13.1  B. 13.1 to 14.1  C. 14.1 to 15.1  D. 15.1 to 16.1
93. Which is a basic body type of the Miniature Horse? (HIH154-1)
   A. Quarter Horse  B. Saddlebred  C. Thoroughbred  D. Draft
94. What was the first association formed for an American breed of horse? (HIH156-1)
   A. AQHA  B. ApHC  C. AMHA  D. ASHA
95. The Tennessee Walking Horse is known for which gate? (HIH152-1)
   A. Largo  B. Running Walk  C. Quarto  D. Fox Trot
96. Which is not a distinguishing characteristic of the Appaloosa Horse? (HIH 158-1)
   A. Mottled Skin  B. Striped Hooves  C. Grey Mane  D. A Coat Pattern

Exercise Physiology - match the letter with the correct terminology. (HIH895-1&2)
97.  D  Muscle fibers characterized by a fast construction speed  A. Alveoli
98.  C  The study of the horse’s body in response to exercise  B. Respiratory Frequency
99.  A  The units of the lung where gas exchange occurs  C. Exercise Physiology
100. B  The number of breaths taken per minute  D. Type II Fibers

Great Job!