Coat Colors - Write the correct letter in the blank (HIH 140-1 & 140-2)

1. ________ Black mane and tail  
   A. Dun
2. ________ Flaxen mane and tail  
   B. Red Roan
3. ________ Dorsal and zebra stripes  
   C. Sorrel
4. ________ Body is a mixture of white and red hairs  
   D. Buckskin

What Breed is That? - Circle the correct answer (HIH 150-1 through 161-2, Horse 28-74)

5. What breed could be characterized by the terms tobiano, overo, or tovero?
   a. Arabian  
   b. Paso Fino  
   c. Appaloosa  
   d. Paint

6. What breed originated in the Shetland Isles of Scotland?
   a. Welsh  
   b. Shetland pony  
   c. Icelandic ponies  
   d. POA’s

7. What breed is represented by the Jockey Club?
   a. Thoroughbred  
   b. Clydesdale  
   c. Trotting Horse  
   d. Welsh

8. What breed originated in Ireland and is known for it’s jumping ability?
   a. Connemera  
   b. Cob  
   c. Trakehner  
   d. Gotland

9. What breed was once called the American Trotting Horse?
   a. Fox Trotter  
   b. Hackney  
   c. Standardbred  
   d. Spanish Barb

10. What breed of horse did not originate in Germany?
    a. Hanoverian  
    b. Trakehner  
    c. Holstein  
    d. Haflinger

The Nervous System - Match the nerve to the function that it serves. Write the correct letter in the blank. (HA Plate 78)

11. ________ Optic Nerve  
    A. Moves Muscles of the Tongue
12. ________ Olfactory Nerve  
    B. Sense of Smell
13. ________ Vestibulocochlear Nerve  
    C. Vision
14. ________ Hypoglossal Nerve  
    D. Hearing and Balance
15. ________ Oculomotor Nerve  
    E. Moves Eye Muscles

ABC’s - Fill in the correct word that begins with the underlined letter (Equus 4,8, 12/02, & 2/03)
16. The wasting away of a body part or tissue is called A______________________.
17. Able to survive or function where there is no oxygen A______________________.
18. Fluid secreted by the liver that goes into the small intestine and aids in digestion B__________.
19. The large pouch between the small and large intestines C______________________.
20. Abdominal pain C______________________.
21. To cut away dead or damaged tissue D______________________.
22. The abnormal collection of fluid in body tissues that causes soft swelling E______________.
23. The lower jawbone M______________________.
24. Also known as the windpipe T______________________.

**Know Your Horses** - Circle the correct answer (HIH)

25. Which is not a type of equine encephalitis?
   a. northern  b. eastern  c. western  d. venezuelan

26. How many pairs of chromosomes does the horse have?
   a. 16  b. 32  c. 48  d. 64

27. What term refers to paired genes that are identical?
   a. mitosis  b. meiosis  c. heterozygous  d. homozygous

28. Which is NOT a type of negative reinforcement?
   a. punishment  b. escape  c. feed  d. avoidance

29. What is the normal pulse rate for a mature horse at rest in beats per minute?
   a. 30  b. 45  c. 70  d. 100

30. How many pounds of manure will a healthy horse produce in 24 hours?
   a. 45 pounds  b. 65 pounds  c. 20 pounds  d. 5 pounds

31. Which of the following is **not** a type of colic?
   a. spasmodic colic  b. impaction colic  c. black walnut colic  d. displacement colic

32. Modified viruses injected into the horse to provide an immune response are what?
   a. infection  b. immunization  c. lacerations  d. vaccinations

33. Rabies vaccinations should be given to horses:
   a. every 3 months  b. every 6 months  c. every year  d. every 2 years

34. Cushing’s Syndrome is caused by a tumor on which gland?
   a. kidney  b. thyroid  c. liver  d. pituitary
The Knee Bone is Connected to the Leg Bone - From the ground up, label the bones in the front leg in order with 1 being closest to the ground and 5 being closest to the withers. (HA Plate 6, Horse 91)

35. _______ Carpal Bones
36. _______ Distal Phalanx
37. _______ Humerus
38. _______ Metacarpal Bone
39. _______ Radius

True or False - Write True if the statement is true and False if the statement is false (Horse)

40. _______ The muscles surrounding the left ventricle are much stronger than those surrounding the right ventricle.
41. _______ The horse belongs to the class Animalia.
42. _______ Bones of the horse are classified as long, short, flat, and irregular.
43. _______ The skeleton of the horse is made up of 213 bones.
44. _______ The tidal volume is the volume of air inspired or expired during each breathing cycle.
45. _______ The epidermal layer of skin contains arteries, veins, and hair follicles.
46. _______ Most food will pass through the digestive system within 65 to 75 hours after ingestion.
47. _______ Iodine is a trace nutrient.
48. _______ The color palomino results from a dilution of the chestnut gene.
49. _______ The hoof knife is used to clean rocks and dirt from the hoof.

Foot Care - Circle the correct answer (HIH 505-1 through 555-2)

50. What part of the shoe takes the stress off the nails and stabilizes the shoe on the hoof?
   a. clips   b. webs   c. fullerings   d. pitch
51. What type of shoe enhances leg action and motion of the horse?
   a. glue on shoes   b. heart bar shoes   c. weighted shoes   d. aluminum shoes
52. What tool is used to open the nail holes on the shoe?
   a. nippers   b. rasp   c. clinchers   d. pritchel
53. What vitamin is necessary for the growth and development of normal hoofs?
54. What material is preferred for jumping and reining shoes to decrease fatigue?
a. iron   b. steel  c. aluminum  d. copper

55. Thrush is usually found where on the hoof?
   a. toe   b. around the frog   c. outer wall   d. coronary band

56. What part of the hoof should be used as a guide when shaping hooves?
   a. sole   b. hoof wall   c. frog   d. white line

Trace Nutrients - Write the correct letter in the blank (Horse 231-237)

57. ______ a lack of this results in muscular dystrophy in young horses   A. Iron
58. ______ helps build cartilage   B. Manganese
59. ______ lost when horses sweat   C. Iodine
60. ______ required for hemoglobin to transport oxygen in blood   D. Selenium
61. ______ needed for production of hormones in thyroid gland   E. Sodium Chloride

Inches to Hands, Hands to Inches - Write the correct number in the blank (Horse 139)

62. How many inches tall is a horse that is 10 hands? ________________
63. How many inches tall is a horse that is 13.2 hands? ________________
64. How many hands is a horse that is 48 inches tall? ________________
65. How many hands is a horse that is 71 inches tall? ________________

Healthy Horses - Circle the correct answer (Equus12/02 and 2/03)

66. Which term refers to the therapeutic rinsing with large volumes of fluid?
   a. Lavage   b. Flush   c. Rinse   d. Cleanse

67. What is the forced expiratory effort in horses due to the narrowing of the airways in the lungs called?

68. What is an anti-inflammatory medication used in the management of joint, bone and muscle injuries?

69. Which term is NOT associated with swelling or inflammation?
   a. Encephalitis   b. Enterolith   c. Edema   d. Scratches

70. Which is NOT a type of white blood cell?
71. Where on the horse are the guttural pouches located?
   a. Head  b. Legs  c. Back  d. Hooves

**Male or Female** – For the following reproductive parts, write (M) if the part is male or (F) if the part is female (Horse)

72. _______ Clitoris  
73. _______ Seminal Vesicle  
74. _______ Cervix  
75. _______ Prepuce  
76. _______ Fallopian Tube  
77. _______ Scrotum  

**Let’s See Those Muscles** - Match the type of muscle to the body part where it is located. Write the correct letter in the blank. (HA Plate 16, Horse 100)

78. _______Shoulder  
79. _______Gaskin  
80. _______Cheek  
81. _______Barrel  
82. _______Neck  
83. _______A. Digital Extensor  
84. _______B. Masseter  
85. _______C. Cervical Ventral Serrated  
86. _______D. External Abdominal Oblique  
87. _______E. Deltoid  

**Nutrition** - Circle the correct answer (HIH 420-1, 2 and HIH 710-5 to 760-1)

83. What is the most important winter feed for horses?
   a. oats  b. beet pulp  c. corn  d. hay
84. A mature, idle, average condition 1000 pound horse will eat how much hay per day?
   a. 15 pounds  b. 30 pounds  c. 40 pounds  d. 50 pounds
85. Feed given to horses should be measured by what?
   a. volume  b. weight  c. brand  d. size
86. How much water will a 1000 pound horse drink per day?
   a. 2 gallons  b. 6 gallons  c. 10 gallons  d. 16 gallons
87. Hay that is stored over a long period of time will lose what essential vitamin?
88. Which is not considered one of the five main nutrients for horses?
   a. protein  b. oxygen  c. vitamins  d. minerals
**Gaits** - Fill in the number of beats in each of the following gaits (H173-178)

89. _______ Extended Trot
90. _______ Amble
91. _______ Pace

92. _______ Paso Largo
93. _______ Jog
94. _______ Slow Gait

**Internal and External Parasites** - Tell whether the following are internal (I) or external (E) parasites (HIH 415-1 through 430-2)

95. _______ Lice
96. _______ Mites
97. _______ Stomach Bots

98. _______ Ticks
99. _______ Pinworms
100. _______ Bot Flies

Sources:
HIH - Horse Industry Handbook by American Youth Horse Council
Horse - The Horse, 2nd edition by Evans, Borton, Hintz, and Van Vleck
HA - Horse Anatomy, A Coloring Atlas by Kainer and McCracken
Equus - Equus Magazine Glossary from 4/02 to 3/03