**ANIMAL SCIENCE**

**MULTIPLE CHOICE**

 1. Horses are measured for height from the ground to the top of the withers in “Hands”. A Hand is equivalent to \_\_\_\_\_\_\_\_ inches.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 2 | c. | 4 |
| b. | 3 | d. | 5 |

ANS: A PTS: 1

 2. In order to be classified as ponies, they must measure under \_\_\_\_\_ hands.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 14-2 | c. | 12-2 |
| b. | 13 | d. | 12 |

ANS: A PTS: 1

 3. Fitting a wide strap around the throat so that the larynx is compressed when pressure is put on the front teeth will help prevent or halt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | cribbing | c. | halter pulling |
| b. | wind sucking | d. | A and B |

ANS: A PTS: 1

 4. In studying the parts of the horse, the stifle is found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| a. | on the rear leg below the hock  | c. | on the front leg below the knee  |
| b. | on the rear leg above the gaskin | d. | on the neck near the throat |

ANS: A PTS: 1

 5. \_\_\_\_\_\_\_\_\_\_\_\_ colored horses have white hairs mingled with one or more other hair colors.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Piebald  | c. | Roan |
| b. | Skewbald  | d. | Dun |

ANS: C PTS: 1

 6. A rancher is feeding his 3 brood mares and their foals hay from small bales. If they are eating a bale and a half in a day and half, how many bales will they eat in a year?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 250  | c. | 365  |
| b. | 295  | d. | 380  |

ANS: C PTS: 1

 7. What is a male horse younger that 3 years old?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Stallion | c. | Colt |
| b. | Gelding | d. | Filly |

ANS: C PTS: 1 TOP: HORSE

 8. What is the dark strip alone the spine of an animal?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Spine Stripe | c. | Saddle Stripe |
| b. | Back Stripe | d. | Dorsal stripe |

ANS: D PTS: 1

 9. What are long fine hairs covering the lower legs of some breeds such as the Clydesdale horse?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Cashmere | c. | Down |
| b. | Feathers | d. | Angora |

ANS: B PTS: 1

 10. What is a type of animal that descended from domestic animals now living in undomesticated areas?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Wild | c. | Hybrid |
| b. | Tameable | d. | Feral |

ANS: D PTS: 1

 11. What is a female horse younger than three years old?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Colt | c. | Filly |
| b. | Mare | d. | Foal |

ANS: C PTS: 1

 12. What is a male or female horse younger that one year of age?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Filly | c. | Pony |
| b. | Colt | d. | Foal |

ANS: D PTS: 1

 13. What is a male horse older that three years of age that has been castrated?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Quarter Horse | c. | Mustang |
| b. | Gelding | d. | Sorrel |

ANS: B PTS: 1

 14. What is a measurement of horses equal to four inches?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Hands | c. | Withers |
| b. | Fingers | d. | Ruler |

ANS: A PTS: 1

 15. What is a female horse older that three years of age?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Filly | c. | Gelding |
| b. | Mare | d. | Foal |

ANS: B PTS: 1

 16. What is a horse shorter than 14.2 hands?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Pony | c. | Foal |
| b. | Colt | d. | Light Horse |

ANS: A PTS: 1

 17. What is a male horse older than three years of age that has not been castrated?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Colt | c. | Stallion |
| b. | Mare | d. | Gelding |

ANS: C PTS: 1

 18. What is the highest point on a horse’s shoulder; point of height measurement?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Wethers | c. | Top of Shoulder |
| b. | Point of Shoulder | d. | Withers |

ANS: D PTS: 1

 19. What is the scientific name for the modern domesticated horse?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Equus caballus | c. | Equine Indicus |
| b. | Equus Tarus | d. | Equus Indicus |

ANS: A PTS: 1

 20. What were horses first used for?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Farming & Plowing | c. | Pulling Chariots |
| b. | Racing | d. | Jousting |

ANS: C PTS: 1

 21. What are the wild horses of this continent called?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Charro Horses | c. | Charger Horses |
| b. | Mustangs | d. | Pommel Horses |

ANS: B PTS: 1

 22. How many inches is a hand when measuring a horse?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 3 | c. | 5 |
| b. | 4 | d. | 6 |

ANS: B PTS: 1

 23. What breed of horse is considered the oldest purebred horse in the world?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Quarter Horse | c. | Arabian |
| b. | Morgan | d. | Clydesdale |

ANS: C PTS: 1

 24. Where was the Quarter Horse developed?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | England | c. | Middle East |
| b. | Asia | d. | United States |

ANS: D PTS: 1

 25. Where was the Thoroughbred breed of horse developed?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | South America | c. | United States |
| b. | England | d. | Middle East |

ANS: B PTS: 1

 26. How fast is the Thoroughbred breed of horse capable of running?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 20-25 mph | c. | 40-45 mph |
| b. | 10-15 mph | d. | 35-40 mph |

ANS: D PTS: 1

 27. What is the easily recognized characteristic of the Appaloosa breed of horses?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Black Body | c. | Spotted Coat |
| b. | Blonde mane | d. | Pumpkin Skin |

ANS: C PTS: 1

 28. The wild Mustang horse is often visualized as a symbol of what?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | The South | c. | Ford Motor Company |
| b. | Tobacco | d. | The American West |

ANS: D PTS: 1

 29. What type of riding events are cutting and team penning?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Show | c. | English |
| b. | Dressage | d. | Western |

ANS: D PTS: 1

 30. What is the name of the event where riders on horseback work together separating cattle?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | English  | c. | Team Penning |
| b. | Dressage | d. | Sorting |

ANS: C PTS: 1

 31. What color describes a horse whose body color is reddish or coppered and the mane and tail may be the same color or blonde?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Chestnut | c. | Bay |
| b. | Sorrel | d. | Brown Bay |

ANS: B PTS: 1

 32. What color describes a horse that has a dark red or brownish red body, and the mane and tail is the same color or blonde?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Sorrel | c. | Bay |
| b. | Chestnut | d. | Brown Bay |

ANS: B PTS: 1

 33. What color describes a horse that has brown or red body color ranging from tan to reddish brown to very dark brown and the points are black?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Sorrel | c. | Roan |
| b. | Chestnut | d. | Bay |

ANS: D PTS: 1

 34. What color would describe a horse that has a body color of gold body with a white or flaxen mane and tail and does not have a dorsal stripe?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Palomino | c. | Bay |
| b. | Cream | d. | Sorrel |

ANS: A PTS: 1

 35. What color describes a horse that has a yellowish or gold body with black points and does not have a dorsal stripe?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Palomino | c. | Cream |
| b. | Buckskin | d. | Cremello |

ANS: B PTS: 1

 36. What variation of cream color is a horse with a cream body with white mane and tail?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Palomino | c. | Perlino |
| b. | Cremello | d. | Gray |

ANS: B PTS: 1

 37. What do you call a mare that has never had a foal?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Heifer | c. | Maiden |
| b. | New | d. | Fresh |

ANS: C PTS: 1

 38. What is the only breed of horse that has a vertical range of motion in the front and a horizontal range of motion in the back?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Quarter Horse | c. | Paso Fino |
| b. | Tennessee Walking Horse | d. | Morgan Horse |

ANS: B PTS: 1

 39. What breed of horse would you want to buy to compete in the Kentucky Derby?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Arabian | c. | Thoroughbred |
| b. | Quarter Horse | d. | Hanoverian |

ANS: C PTS: 1

 40. What breed of horse would you want to buy to compete in cutting?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Quarter Horse | c. | Warmblood |
| b. | Tennessee Walking Horse | d. | Shetland Pony |

ANS: A PTS: 1

 41. What breed of horse would you want to purchase compete in jumping?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Belgian | c. | Quarter Horse |
| b. | Warmblood | d. | Paint Horse |

ANS: B PTS: 1

 42. What is the first thing you should do if your horse is showing signs of colic?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Panic | c. | Listen for gut sounds |
| b. | Give them Banamine | d. | Feed them |

ANS: C PTS: 1

 43. A horse that has a body color of yellowish gold; mane and tail may be black, brown, red, yellow, or white mixed; usually has a dorsal stripe, zebra stripes on legs, and transverse stripe over withers. What color is this horse?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Dun | c. | Roan |
| b. | Gray | d. | Grulla |

ANS: A PTS: 1

 44. What is a cross between a jack and a mare is called?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Foal | c. | Mule |
| b. | Hinny | d. | Donkey |

ANS: C PTS: 1

 45. A horse that is 64 inches tall would be considered how many hands tall?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 16 Hands | c. | 15.2 Hands |
| b. | 15 Hands | d. | 16.2 Hands |

ANS: A PTS: 1

 46. Approximately how many teeth does a mature horse have?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 26 | c. | 36 |
| b. | 30 | d. | 46 |

ANS: C PTS: 1

 47. All the following are considered legumes EXCEPT:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Lespedeza | c. | Timothy |
| b. | Alfalfa | d. | Red Clover |

ANS: C PTS: 1

 48. When walking, and horse that has hooves that move in a wide outward arc is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Base-wide | c. | Pigeon toed |
| b. | Sickle hocked | d. | Bow legged |

ANS: C PTS: 1

 49. Horses are measured for height from the ground to the top of the withers in "Hands". A Hand is equivalent to \_\_\_\_\_\_\_ inches.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 2 | c. | 4 |
| b. | 3 | d. | 5 |

ANS: C PTS: 1

 50. The \_\_\_\_\_\_ is a fast, two-beat, diagonal gait, where the opposite front feet and hind feet leave and strike the ground at the same time.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Pace  | c. | Rack  |
| b. | Trot | d. | Amble |

ANS: B PTS: 1

 51. In order to be classified as ponies, they must measure under \_\_\_\_\_ hands.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 14-2 | c. | 12-2 |
| b. | 13 | d. | 12 |

ANS: A PTS: 1

 52. Fitting a wide strap around the throat so that the larynx is compressed when pressure is put on the front teeth will help prevent or halt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | cribbing | c. | halter pulling |
| b. | wind sucking  | d. | Both A and B |

ANS: D PTS: 1

 53. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ was developed as a harness racing horse.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Thoroughbred | c. | Morgan |
| b. | Standardbred | d. | Paso Fino |

ANS: B PTS: 1

 54. In studying the parts of the horse, the Chestnuts are found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | only on male horses | c. | on the head |
| b. | on the leg  | d. | on the sole of the foot |

ANS: B PTS: 1

 55. In studying the parts of the horse, the fetlock is found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | at the end of the mane between the ears | c. | below the knee or hock |
| b. | at the end of the mane near the withers | d. | none of the above |

ANS: C PTS: 1

 56. In describing the color of horses, \_\_\_\_\_\_\_\_\_\_\_\_ is a black and white color combination

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Piebald | c. | Blue Roan |
| b. | Skewbald | d. | Dun |

ANS: A PTS: 1

 57. \_\_\_\_\_\_\_\_\_\_\_\_ colored horses have white hairs mingled with one or more other hair colors.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Piebald | c. | Roan |
| b. | Skewbald | d. | Dun |

ANS: C PTS: 1

 58. A rancher is feeding his 3 brood mares and their foals hay from small bales. If they are eating a bale and one-half in a day and one-half, how many bales will they eat in a year?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 295 | c. | 475 |
| b. | 365 | d. | 547.5 |

ANS: B PTS: 1

 59. Which breeds are warmbloods?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Arabian, Quarter Horse, Paint | c. | Holsteiner, Thoroghbred, Oldenberg |
| b. | Arabian,Morgan, Hackney | d. | Oldenberg, Trakehner, Hanoverian  |

ANS: D PTS: 1

 60. Which breed of horse is as high at the withers as it is long in the body?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Thoroughbred  | c. | Standardbred  |
| b. | Quarter Horse  | d. | Percheron  |

ANS: A PTS: 1

 61. A ton of mixed grass legume hay costs $95 per ton. Each bale weight 55 pounds. What is the cost per bale?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | $0.95 | c. | $2.60 |
| b. | $1.75 | d. | $3.25 |

ANS: C PTS: 1

 62. Castration of a colt should be done in the \_\_\_\_\_\_\_\_\_ of the year.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Winter | c. | Summer |
| b. | Spring | d. | Fall |

ANS: B PTS: 1

 63. Training of the foal should begin when it is \_\_\_\_\_\_\_\_\_ days old.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 10-14 | c. | 60-90 |
| b. | 30-35 | d. | 180-365 |

ANS: A PTS: 1

 64. The Quarter Horse originated in \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | United States | c. | England |
| b. | Spain | d. | South America |

ANS: A PTS: 1

 65. A colt should be castrated at \_\_\_\_\_\_\_\_\_\_\_\_ of age.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 6 months | c. | 2 years  |
| b. | 1 year  | d. | 3 years  |

ANS: B PTS: 1

 66. A(n)\_\_\_\_\_\_ is an imperfection that does NOT affect the usefulness of the horse

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Unsoundness | c. | Cataract |
| b. | Blemish | d. | Parrot Mouth |

ANS: B PTS: 1

 67. The American Saddlebred Horse originated in \_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Virginia | c. | Kentucky |
| b. | New Hampshire | d. | Ohio |

ANS: C PTS: 1

 68. Paint horses have two different colors: Tobiano and \_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Bay | c. | Grullo |
| b. | Dun | d. | Overo |

ANS: D PTS: 1

 69. When a stallion (male horse) is a crossed with a jennet, the resulting offspring is called a

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Mule | c. | Hinny |
| b. | Jack | d. | Shire |

ANS: C PTS: 1

 70. A \_\_\_\_\_\_\_\_\_\_ is a male horse that has been castrated.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Colt  | c. | Gelding  |
| b. | Stud  | d. | Thoroughbred |

ANS: C PTS: 1

 71. A horse color that is a mixture of chestnut and white hair is called \_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Grey | c. | Bay |
| b. |  Piebald | d. | Strawberry Roan |

ANS: D PTS: 1

 72. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a behavior in which a horse bites on wood or some part of the feed manger or stall.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Roaring | c. | Cribbing |
| b. | Heaves | d. | Periodic ophthalmic |

ANS: C PTS: 1

 73. The foal must nurse shortly after birth to obtain the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ milk.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Meconium | c. | Selenium |
| b. | Colostrum | d. | Dehydrate |

ANS: B PTS: 1

 74. A \_\_\_\_\_\_\_\_\_\_\_\_ is a person who works on horses' feet.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Jockey | c. | Farrier |
| b. | Hazier | d. | Heeler |

ANS: C PTS: 1

 75. The famous racehorse “Man O War” had a length of stride, close too \_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 10 feet | c. | 30 feet |
| b. | 20 feet | d. | 40 feet |

ANS: C PTS: 1

 76. A horse’s way of going is called\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | flex | c. | travel  |
| b. | gait | d. | founder |

ANS: B PTS: 1

 77. A draft horse would most likely be found doing this:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Steeple Chase | c. | Pulling a Load |
| b. | Barrel Racing | d. | Roping Event |

ANS: C PTS: 1

 78. The art of riding a horse is called?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Equitation | c. | Hunter Back |
| b. | Equine Science | d. | Horsemanship |

ANS: A PTS: 1

 79. A tool called a “float” is used on a horse’s\_\_\_\_\_\_\_\_\_\_\_\_?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Hoof | c. | Mane |
| b. | Teeth | d. | Tail |

ANS: B PTS: 1

 80. Horses shown in halter are judged for which of the following:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Performance | c. | Athleticism |
| b. | Conformation | d. | None of the above |

ANS: B PTS: 1

 81. Due to a horse’s intermediate digestive system, they are classified as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Ruminants  | c. | Non-Ruminant Carnivore  |
| b. | Non-Ruminants  | d. | Non-Ruminant Herbivore  |

ANS: D PTS: 1

 82. A mare will commonly have \_\_\_\_\_ permanent teeth.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 16 | c. | 36 |
| b. | 24 | d. | 42 |

ANS: C PTS: 1

 83. Stallions and Geldings will commonly have \_\_\_\_ permanent teeth.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 36 | c. | 42 |
| b. | 40 | d. | 48 |

ANS: B PTS: 1

 84. What is a male horse less than 3 years old called?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Foal  | c. | Gelding  |
| b. | Colt | d. | Mare |

ANS: B PTS: 1

 85. What is a slow, three-beat gait called?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Walk | c. | Amble |
| b. | Canter  | d. | Stepping pace  |

ANS: B PTS: 1

 86. Ideally, how often should a horse be fed and watered?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Once a day  | c. |  Three times a day  |
| b. | Twice a day | d. | Four times a week  |

ANS: B PTS: 1

 87. A symptom of horse colic may be recognized by\_\_\_\_\_\_\_\_\_\_\_\_\_?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Abdominal pain  | c. | Shoulder pain  |
| b. | Hoof pain  | d. | Neck pain  |

ANS: A PTS: 1

 88. The “frog” is located on the \_\_\_\_\_\_\_\_\_ of a horse?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Tail | c. | Head |
| b. | Neck | d. | Hoof |

ANS: D PTS: 1

 89. Normal hoof angle (in degrees) for a horse should be about \_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 10 | c. | 50 |
| b. | 30 | d. | 80 |

ANS: C PTS: 1

 90. An animal of unknown or nonregistered ancestry or breeding is called a\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | select | c. | grade |
| b. | mall | d. | previce |

ANS: C PTS: 1

 91. Which of the following is NOT true about the vision of a horse?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | has a blind spot directly behind its hindquarters | c. | must raise its head to see close objects |
| b. | has a hard time detecting movement | d. | takes time to adjust its eyesight in a dark stall or trailer |

ANS: C PTS: 1

 92. What term is used to describe when the toe of the hind foot strikes the heel of the front foot while the horse is in motion?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | racking | c. | striding  |
| b. | forging  | d. | scalping |

ANS: B PTS: 1

 93. When using which type of branding does the hair grow back white?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Freeze Brandung | c. | Acid Branding |
| b. | Hot Iron Branding | d. | All of the above |

ANS: A PTS: 1

 94. Where is oxygen bound on the red blood cell?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | nucleus  | c. | endocrine |
| b. | hemoglobin | d. | myoglobin |

ANS: B PTS: 1

 95. What is the role of the platelets in the horse’s blood?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | oxygen carrying  | c. | nutrient transport  |
| b. | fighting foreign bacteria  | d. | clotting  |

ANS: D PTS: 1

 96. Which group would be creep fed?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | weanlings | c. | yearlings  |
| b. | foals  | d. | brood mares  |

ANS: B PTS: 1

 97. What is the most important thing to consider in horse selection?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | breed  | c. | conformation  |
| b. | color | d. | use/purpose  |

ANS: D PTS: 1

 98. What breed originated in colonial Virginia and Carolina’s in the early 1600’s?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Arabian  | c. | Saddlebred  |
| b. | Quarter Horse  | d. | Standardbred  |

ANS: B PTS: 1

 99. What breed of horses are used in harness racing?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Standardbred | c. | Thoroughbred |
| b. | Saddlebred | d. | Hackney |

ANS: A PTS: 1

 100. The gestation period of a mare is approximately how many months?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 9 months | c. | 11 months |
| b. | 10 months | d. | 12 months |

ANS: C PTS: 1

 101. What color horse has a yellowish or gold body, black mane and tail, black lower legs, and no dorsal stripe?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Buckskin | c. | Palomino |
| b. | Dun | d. | Grullo |

ANS: A PTS: 1

 102. How is dominance established in a herd of horses?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | aggression | c. | submissive |
| b. | defensive | d. | mimicking |

ANS: A PTS: 1

 103. The side of the horse from which the horse is generally mounted.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | far side | c. | right side |
| b. | offside | d. | near side |

ANS: D PTS: 1

 104. What does the term “off-feed” mean?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | not eating | c. | restrictive feeding |
| b. | bad feed | d. | bolting |

ANS: A PTS: 1

 105. Which of these is not classified as an equid?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | cattle | c. | horses  |
| b. | donkeys | d. | zebras |

ANS: A PTS: 1

 106. Which of these is usually extracted as it may interfere with the bit?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | a canine tooth | c. | a premolar tooth |
| b. | a deciduous tooth  | d. | a wolf tooth |

ANS: D PTS: 1

 107. What is the minimum recommended height for a horse fence?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 5 feet | c. | 6 feet |
| b. | 4 feet | d. | 8 feet |

ANS: A PTS: 1

 108. Which type of fence is least desirable for horse fence?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Board fence | c. | Barbed wire fence |
| b. | PVC fence | d. | Twisted wire fence |

ANS: C PTS: 1

 109. What term best describes the horse’s digestive system?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Non-ruminant | c. | Non-ruminant herbivore |
| b. | Ruminant | d. | Ruminant herbivore |

ANS: C PTS: 1

 110. Which of the following describes a horse with an “overo” coat pattern?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 3 dark legs, dark tail, no white crossing the back, apron faced  | c. | solid face, white over the back, regular shaped body spots  |
| b. | 4 white stockings, strip on face, dark flanks | d. | solid face, 4 white stockings, blanket over hips  |

ANS: A PTS: 1

 111. How many hands is a horse that stands 65 inches at the withers?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 13-2  | c. | 16-1  |
| b. | 14-4  | d. | 17-0  |

ANS: C PTS: 1

 112. Which of the following is NOT a paint color pattern?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | overo | c. | tovero |
| b. | blanket | d. | sabino |

ANS: B PTS: 1

 113. Which of the following are the most important characteristics that should be evaluated in equine selection?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Balance, symmetry, hair coat, head size  | c. | size of hoof, balance, number of blemishes |
| b. | breed type, conformation, balance, symmetry | d. | tail carriage, sex type, definition of muscle. |

ANS: B PTS: 1

 114. What is a common disqualification in rules for registering animals in a breed association?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | weight | c. | size  |
| b. | color markings | d. | eyes |

ANS: B PTS: 1

 115. Which breed of cattle was first to be imported to the United States?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Shorthorn | c. | Hereford |
| b. | Angus | d. | Charolais |

ANS: A PTS: 1

 116. Which breed of cattle is classified as a Bos indicus type?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Pinzgauer | c. | Simmental |
| b. | Galloway | d. | Brahman |

ANS: D PTS: 1

 117. The method of marketing where cattle are sold public bidding to the highest bidder is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | public stockyards | c. | contract sales |
| b. | auction markets | d. | terminal markets |

ANS: B PTS: 1

 118. Which of the following states produces the most swine?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Missouri | c. | Minnesota |
| b. | Iowa | d. | Oklahoma |

ANS: B PTS: 1

 119. The traditionally recommended weight for marketing slaughter hogs has been:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 150-180 pounds | c. | 180-200 pounds |
| b. | 200-220 pounds | d. | 230-260 pounds |

ANS: D PTS: 1

 120. Primary nutrients found in commercial fertilizer include all these EXCEPT:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | nitrogen | c. | phosphorus |
| b. | potassium | d. | copper |

ANS: D PTS: 1

 121. Which of the following wholesale cuts of beef is classified as High-value?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Rib | c. | Chuck |
| b. | Flank | d. | Shank |

ANS: A PTS: 1

 122. What type of identification is commonly used especially with large herds and required by law in most western states?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | tattooing | c. | neck chains |
| b. | branding | d. | ear tags |

ANS: B PTS: 1

 123. Which of the following states has the highest number of hogs and pigs on farms (breeding and market)?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | California | c. | Texas |
| b. | Iowa | d. | Kansas |

ANS: B PTS: 1

 124. Which major breed of swine sets the standard for performance of litter size?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Chester White | c. | Duroc |
| b. | Hampshire | d. | Yorkshire |

ANS: D PTS: 1

 125. The time during which an animal is pregnant is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | parturition | c. | fertilization |
| b. | gestation | d. | ovulation |

ANS: B PTS: 1

 126. Breed of swine known for its brownish-red color:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Duroc | c. | Hampshire |
| b. | Yorkshire | d. | Poland China |

ANS: A PTS: 1

 127. The Chianina breed of beef cattle which is one of the oldest originated in which country?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | France | c. | Australia |
| b. | Italy | d. | Egypt |

ANS: B PTS: 1

 128. Which breed of cattle is classified as a Bos Indicus type?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Pinzgauer | c. | Simmental |
| b. | Galloway | d. | Brahman |

ANS: D PTS: 1

 129. Adapting the behavior of animals to fit the need of humans is called:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | training | c. | domestication |
| b. | breeding | d. | culling |

ANS: C PTS: 1

 130. Swine breed known for its belted coloration:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Bertshire | c. | Yorkshire |
| b. | Landrace | d. | Hampshire |

ANS: D PTS: 1

 131. Breed of swine that is black with six white points:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Duroc | c. | Berkshire |
| b. | Landrace | d. | Yorkshire |

ANS: C PTS: 1

 132. Breed of beef cattle that originated on the King’s Ranch in Texas:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Angus | c. | Hereford |
| b. | Brahman | d. | Santa Gertrudis |

ANS: D PTS: 1

 133. Known as the “true stomach” of a Ruminant:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Rumen | c. | Reticulum |
| b. | Abomasum | d. | Omasum |

ANS: B PTS: 1

 134. Known as the White-Faced breed of cattle:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Hereford  | c. | Angus |
| b. | Galloway | d. | Devon |

ANS: A PTS: 1

 135. Organic compounds make up of amino acids:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | sugars | c. | starches |
| b. | proteins | d. | carbohydrates |

ANS: B PTS: 1

 136. Plants which take nitrogen from the air

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Roughage | c. | legume |
| b. | nodule | d. | grass |

ANS: C PTS: 1

 137. Fats stored within the muscle

|  |  |  |  |
| --- | --- | --- | --- |
| a. | marbling | c. | loxin |
| b. | concentrate | d. | vitamin |

ANS: A PTS: 1

 138. Amount or difference of traits passed from parents to young

|  |  |  |  |
| --- | --- | --- | --- |
| a. | genetics | c. | heredity |
| b. | traits | d. | phenotype |

ANS: A PTS: 1

 139. A pH of \_\_\_\_\_\_\_\_\_\_\_\_is considered to be very acidic:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 7 | c. | 6.5 |
| b. | 6.3 | d. | 4.8 |

ANS: D PTS: 1

 140. Probably the first breed of cattle on North America:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Hereford | c. | Texas Longhorn |
| b. | Angus | d. | Chianinia |

ANS: C PTS: 1

 141. Derived from the *Bos indicus* type of cattle:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Brahman | c. | Shorthorn |
| b. | Angus | d. | Hereford |

ANS: A PTS: 1

 142. Litter numbers are put in the pigs:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | right ear | c. | left ear |
| b. | both ears | d. | lips |

ANS: A PTS: 1

 143. The age that an animal reaches sexual maturity is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | addrescence | c. | puberty |
| b. | maturation | d. | partuation |

ANS: C PTS: 1

 144. Act of giving birth:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | partuation | c. | lactation |
| b. | puberty | d. | gestation |

ANS: A PTS: 1

 145. Swine are in a class of animal which consume both plant and animal meat known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | herbivore | c. | carnivore |
| b. | omnivore | d. | non-ruminant |

ANS: B PTS: 1

 146. Subcutaneous injections are given:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | in the neck | c. | in the rump |
| b. | mouth | d. | under skin |

ANS: D PTS: 1

 147. If possible, the preferred injection site is the:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | neck | c. | loin |
| b. | rump | d. | rear |

ANS: A PTS: 1

 148. The amount of fat over a market lamb is referred to as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | condition | c. | fat |
| b. | fleshing | d. | finish |

ANS: D PTS: 1

 149. Hampshire, Berkshire, Yorkshire have what in common?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | color | c. | number of teats |
| b. | ears | d. | feed efficiency |

ANS: B PTS: 1

 150. Breed of beef animal composed of Brahman and Angus bloodlines:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Beefmaster | c. | Braford |
| b. | Brangus | d. | Galloway |

ANS: B PTS: 1

 151. Polled means:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | without horns | c. | hornless |
| b. | genetically dehorned | d. | horned |

ANS: B PTS: 1

 152. When income is high people tend to purchase more:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | pork | c. | chicken |
| b. | beef | d. | lamb |

ANS: B PTS: 1

 153. The state that leads in cattle production:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | California | c. | Texas |
| b. | Indiana | d. | Iowa |

ANS: C PTS: 1

 154. Diets for beef cattle consist mainly of:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | corn | c. | wheat |
| b. | roughages | d. | concentrates |

ANS: B PTS: 1

 155. Average dressing percent of a beef carcass:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 40% | c. | 50% |
| b. | 60% | d. | 70% |

ANS: B PTS: 1

 156. Record of the ancestry of an animal:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | history | c. | genetics |
| b. | pedigree | d. | genealogy |

ANS: B PTS: 1

 157. The tendency for sheep to stay together is called:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | herding | c. | gregarious |
| b. | flocking | d. | migration |

ANS: B PTS: 1

 158. Cutting off part of a lamb’s tail or a pig’s tail is called:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Fletching | c. | Flushing |
| b. | Docking | d. | Tagging |

ANS: B PTS: 1

 159. The digestive system of a sheep starts at the:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Esophagus | c. | Nostrils |
| b. | Mouth | d. | Larynx |

ANS: B PTS: 1

 160. A castrated male sheep is referred to as a:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Barrow | c. | Wether |
| b. | Whether | d. | Weather |

ANS: C PTS: 1

 161. The physical appearance of an animal is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | genotype | c. | phenotype |
| b. | balance | d. | performance |

ANS: C PTS: 1

 162. Castrated male beef animal is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Stag | c. | Steer |
| b. | Stear | d. | Heifer |

ANS: C PTS: 1

 163. Meat from a two-year-old sheep or older:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | mutton | c. | lamb |
| b. | veal | d. | lamburgers |

ANS: A PTS: 1

 164. Subcutaneous injections are given:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | in the muscle | c. | in the ear |
| b. | orally | d. | under the skin |

ANS: D PTS: 1

 165. The breed of Cattle that was developed on the King Ranch in Texas and consists of 3/8 Brahman and 5/8 Shorthorn is called:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Limousine | c. | Angus |
| b. | Santa Gertrudis | d. | Devon |

ANS: B PTS: 1

 166. Swine are in a class of animals which consume both plants and meat, known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Omnivores | c. | Herbivores |
| b. | Ruminants | d. | Carnivores |

ANS: A PTS: 1

 167. The critical stage of production in livestock when giving birth to their livestock is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Gestation | c. | Parturition |
| b. | Pregnancy | d. | Palpation |

ANS: C PTS: 1

 168. The most important whole sale cut of lamb is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Shoulder | c. | Foreshank |
| b. | Leg | d. | Rib |

ANS: B PTS: 1

 169. The secretion and production of milk in sheep, cattle, and swine is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Lactation | c. | Ovulation |
| b. | Anestrous | d. | Fertilization |

ANS: A PTS: 1

 170. The breed of swine which is white in color with erect ears and used extensively in commercial operations for the maternal characteristics is the:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Landrace | c. | Chester White |
| b. | Yorkshire | d. | Berkshire |

ANS: B PTS: 1

 171. The first milk production after giving birth is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Lactose | c. | Colostrum |
| b. | Buttermilk | d. | Skim milk |

ANS: C PTS: 1

 172. The record of the ancestors of a particular animal is recorded in its:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Performance record | c. | Pedigree |
| b. | Phenotype | d. | genetic map |

ANS: C PTS: 1

 173. The gestation time for sheep is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 114 days | c. | 148 days |
| b. | 283 days | d. | 336 days |

ANS: C PTS: 1

 174. Administration an medicinal agent to livestock that requires placement directly into the bloodstream is a \_\_\_\_\_\_\_\_\_\_ injection.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Subcutaneous | c. | Intermuscular |
| b. | Intravenous | d. | Intrarumen |

ANS: B PTS: 1

 175. Heifers most commonly reach puberty at the age of:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 3-4 months | c. | 6-8 months |
| b. | 10-14 months | d. | 24 months |

ANS: B PTS: 1

 176. Estrus in cattle usually occurs every:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 12 days | c. | 21 days |
| b. | 30 days | d. | 60 days |

ANS: C PTS: 1

 177. A market where cattle are sold by public bidding with the animals going to the highest bidder is known as a:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Contract market | c. | Electronic market |
| b. | Auction market | d. | Internet market |

ANS: B PTS: 1

 178. In swine, a male that has been castrated before reaching sexual maturity is called a:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Wether | c. | Stag |
| b. | Boar | d. | Barrow |

ANS: D PTS: 1

 179. The presence and distribution of fat in a cut of meat is described as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Marbling | c. | Yield |
| b. | Condition | d. | Finish |

ANS: A PTS: 1

 180. Cattle that are generally between 6 months and 1 year old are sold to people who fatten them for market are commonly referred to as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Veal cattle | c. | Feeder cattle |
| b. | Slaughter cattle | d. | Packer Cattle |

ANS: C PTS: 1

 181. One common characteristic between Hampshire, Yorkshire, and Berkshire swine is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Color | c. | Maternal qualities |
| b. | Erect ears | d. | Terminal qualities |

ANS: B PTS: 1

 182. The process of placing sperm in the female reproductive track by some other means than natural mating is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Embryo transfer | c. | Estrous synchronization |
| b. | Pregnancy testing | d. | Artificial insemination |

ANS: D PTS: 1

 183. The removal of all part of the tail from sheep is referred to as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Castration | c. | Notching |
| b. | Dehorning | d. | Docking |

ANS: D PTS: 1

 184. The most common parasites among beef cattle are:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Flies | c. | Round worms |
| b. | Liver Flukes | d. | Ticks |

ANS: A PTS: 1

 185. Breeds of cattle that are used for both milk and meat production are considered to be:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Maternal breeds | c. | Terminal breeds |
| b. | Dual purpose breeds | d. | Continental breeds |

ANS: B PTS: 1

 186. Beef cattle or sheep born without horns are commonly referred to as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Hornless | c. | Polled |
| b. | Scurred | d. | Bald |

ANS: C PTS: 1

 187. A method of animal identification that is puncture in the skin of numbers or letters is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Freeze brand | c. | Hot brand |
| b. | Ear tag | d. | Tattoo |

ANS: D PTS: 1

 188. What is the basic energy feed used in hog rations?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Soybean meal | c. | Alfalfa meal |
| b. | Oats | d. | Corn |

ANS: D PTS: 1

 189. The gestation time in swine is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 148 days | c. | 333 days |
| b. | 114 days | d. | 104 days |

ANS: B PTS: 1

 190. The most common swine identification system is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Ear tags | c. | Ear Notching |
| b. | Tattooing | d. | Freeze branding |

ANS: C PTS: 1

 191. One common characteristic between Yorkshire, Landrace, and Chester White is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Maternal qualities | c. | Terminal Qualities |
| b. | Ear shape | d. | Color |

ANS: D PTS: 1

 192. Which state produces the most hogs?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Texas | c. | Iowa |
| b. | Illinois | d. | Oklahoma |

ANS: C PTS: 1

 193. The jowl on a swine is located in the:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Ham area | c. | Loin area |
| b. | Flank area | d. | Throat area |

ANS: D PTS: 1

 194. Sheep and Cattle both have multiple stomachs referred to as a:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Ruminant | c. | Intestine |
| b. | Colon | d. | Omasum |

ANS: A PTS: 1

 195. Which state produces the most beef cattle?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Kentucky | c. | Texas |
| b. | Nebraska | d. | California |

ANS: C PTS: 1

 196. What area of livestock production is the major issue of animal rights organizations?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Nutrition | c. | Health |
| b. | Confinement | d. | Reproduction |

ANS: B PTS: 1

 197. The first milk produces by an ewe after giving birth is known as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Buttermilk | c. | Lactose |
| b. | Colostrum | d. | Lecithin |

ANS: B PTS: 1

 198. Administering a medical agent to livestock that requires placement into the skin is a (n)\_\_\_\_\_\_\_\_\_\_\_\_ injection.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | intradermal | c. | intravenous |
| b. | intramuscular | d. | intramammary |

ANS: A PTS: 1

 199. Breeds of cattle that are used for both milk and meat production are considered to be:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | maternal breeds | c. | terminal breeds |
| b. | dual-purpose breeds | d. | continental breeds |

ANS: B PTS: 1

 200. What is an animal resulting from the mating of two different breeds?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | purebred | c. | crossbred |
| b. | inbred | d. | feral |

ANS: C PTS: 1

 201. Feedstuffs such as hay and silage are classified as:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | proteins | c. | concentrates |
| b. | roughages | d. | vegetative |

ANS: B PTS: 1

 202. What is the most important nutrition in a swine ration?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | soybean | c. | water |
| b. | corn | d. | milk |

ANS: C PTS: 1

 203. The removal of the testicles from a male animal is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | vaccination | c. | dehorning |
| b. | insemination | d. | castration |

ANS: D PTS: 1

 204. The average gestation time for cattle is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 383 days | c. | 283 days |
| b. | 248 days | d. | 350 days |

ANS: C PTS: 1

 205. The gestation time for swine is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 141 days | c. | 121 days |
| b. | 114 days | d. | 104 days |

ANS: B PTS: 1

 206. The tube that carries air to an animal’s lungs:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | trachea | c. | turbinate |
| b. | esophagus | d. | epidermal |

ANS: A PTS: 1

 207. The most common form of identification used in the swine industry is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | tattooing | c. | ear notching |
| b. | ear tagging | d. | freeze branding |

ANS: C PTS: 1

 208. Which of the following breeds of swine has the best performance of litter size?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Duroc | c. | Berkshire |
| b. | Yorkshire | d. | Hampshire |

ANS: B PTS: 1

 209. Breeding gilts should have \_\_\_\_\_\_\_\_\_ good teats on each side.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 8 | c. | 7 |
| b. | 5 | d. | 6 |

ANS: D PTS: 1

 210. Cutting off part of a pig’s tail is called:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Fletching | c. | Flushing |
| b. | Docking | d. | Tagging |

ANS: B PTS: 1

 211. What type of identification is commonly used especially with large herds and required by law in most western states?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | tattooing | c. | neck chains |
| b. | branding | d. | ear tags |

ANS: B PTS: 1

 212. What disease is carried by insects and affects the eyes of cattle?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Leptospirosis | c. | Actinomycosis |
| b. | Pinkeye | d. | Listeriosis |

ANS: B PTS: 1

 213. The time during which an animal is pregnant is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | parturition | c. | fertilization |
| b. | gestation | d. | ovulation |

ANS: B PTS: 1

 214. The average time of gestation for swine is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 96 days | c. | 114 days |
| b. | 144 days | d. | 220 days |

ANS: C PTS: 1

 215. Anemia is a condition affecting mainly baby pigs due to a diet deficient in:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | iron | c. | protein |
| b. | calcium | d. | amino acids |

ANS: A PTS: 1

 216. A deficiency of what mineral in baby pig rations will cause anemia:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Iodine | c. | Calcium |
| b. | Iron | d. | Zinc |

ANS: B PTS: 1

 217. The length of gestation for swine is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 98 days | c. | 114 days |
| b. | 148 days | d. | 283 days |

ANS: C PTS: 1

 218. The first successful cloning of livestock was done in 1996 with:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Sheep | c. | Swine |
| b. | Cattle | d. | Goats |

ANS: A PTS: 1

 219. The characteristics of an animal that are inheritable are passed from one generation to the next by:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | sperm cells | c. | egg cells |
| b. | diploids | d. | genes |

ANS: D PTS: 1

 220. The average gestation length for sheep is:

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 114 days | c. | 148 days |
| b. | 220 days | d. | 283 days |

ANS: C PTS: 1