Senior Hippology Activity Test

1. **What breed of horses are used in harness racing?**
   - A. Standardbred
   - B. Saddlebred
   - C. Thoroughbred
   - D. Hackney

2. **The gestation period of a mare is approximately how many months?**
   - A. 9 months
   - B. 10 months
   - C. 11 months
   - D. 12 months

3. **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

4. **What color horse has a yellowish or gold body, black mane and tail, black lower legs, and no dorsal stripe?**
   - A. Buckskin
   - B. Dun
   - C. Palomino
   - D. Grullo

5. **Which breed of horses can trace its heritage back to a horse named Hambletonian 10?**
   - A. Thoroughbred
   - B. Standardbred
   - C. Arabian
   - D. Saddlebred

6. **Which group would be creep fed?**
   - A. Weanlings
   - B. Foals
   - C. Yearlings
   - D. Broodmares

7. **What is the term for filing sharp points on a horse’s teeth?**
   - A. Smoothing
   - B. Sanding
   - C. Floating
   - D. Culling
8. Which of the following is NOT a fat-soluble vitamin?
   A. Vitamin K
   B. Vitamin E
   C. Vitamin D
   D. Vitamin C

9. Which is a trace nutrient?
   A. Protein
   B. Calcium
   C. Iodine
   D. Magnesium

10. Which bone in the leg rotates in a horse suffering from founder?
    A. Navicular bone
    B. Short Pastern bone
    C. Coffin bone
    D. Cannon bone

11. Which gait has the fewest beats?
    A. Walk
    B. Canter
    C. Gallop
    D. Running Walk

12. What is the most important thing to consider in horse selection?
    A. Breed
    B. Color
    C. Conformation
    D. Use/purpose

13. Which involves inflammation of the growth plate?
    A. Carpitis
    B. Arthritis
    C. Epiphysitis
    D. Metritis

14. What is the primary sign of iron deficiency?
    A. Colic
    B. Weight loss
    C. Anemia
    D. Depressed immune system
15. Which term is associated with colic?
   A. Volvulus
   B. Vitreous
   C. Viscous
   D. Vitiglio

16. What organization determines the needed nutrients for horses?
   A. U.S. Department of Agriculture
   B. American Horse Council
   C. National Institute for Science
   D. National Research Council

17. What hormone induces parturition?
   A. Progesterone
   B. Estrogen
   C. Parturition hormone
   D. Oxytocin

18. What horse disease is caused by the bacteria *Streptococcus equi*?
   A. Strangles
   B. Equine viral arteritis
   C. Influenza
   D. Encephalomyelitis

19. Which of the following affect the gestation length of mares?
   A. Sex of the foal
   B. Month of conception
   C. Individual mare
   D. All of the above

20. What is used to measure the concentration of antibodies in the horse’s system?
   A. Vaccine
   B. Titer
   C. Hematocrit
   D. Antigen

21. Which term describes a gait that is short, quick, high and choppy?
   A. Rolling
   B. Snappy
   C. Rack
   D. Trappy
22. When does foal heat occur?
   A. Less than 2 weeks after foaling
   B. 2-3 weeks after foaling
   C. 3-4 weeks after foaling
   D. 5 or more weeks after foaling

23. The horse’s stomach makes up what percent of its digestive tract?
   A. 8%
   B. 15%
   C. 22%
   D. 29%

24. Which part of the English bridle, which includes the noseband, helps to keep the bridle in place and the horse’s mouth closed?
   A. Throatlatch
   B. Cavesson
   C. Headstall
   D. Crown Piece

25. Who ensures that a race meeting is conducted according to the rules?
   A. Judge
   B. Jockeys
   C. Track owner
   D. Steward

26. Which is a skin condition?
   A. Seborrhea
   B. Seedy toe
   C. Scalping
   D. Polyuria

27. Which nutrient is necessary for health, but can be toxic if overfed?
   A. Vitamin B
   B. Vitamin C
   C. Calcium
   D. Selenium

28. Which is also known as recurrent uveitis?
   A. Moon blindness
   B. Sun blindness
   C. Ictheria
   D. Uveoloma
29. Which one of the following DOES NOT contribute to a horse’s nutritional requirements?
   A. Age
   B. Type of Use or Activity
   C. The color of the animal
   D. The environment the animal lives in

30. In the respiratory system, the alveoli are which of these?
   A. The functional units of the lung where gas exchange usually occurs
   B. Blood vessels
   C. The functional unit of the trachea
   D. Transitional cells that hold a reserve amount of oxygen so the lungs never run out

31. Which part of the horse’s body is most commonly used to determine age in a horse?
   A. Skin/coat
   B. Back legs
   C. Teeth
   D. Length of tail and mane

32. What condition may be caused by bruising the top of the head?
   A. Fistula
   B. Splint
   C. Pituitary tumor
   D. Poll evil

33. What do you call someone who trims and applies shoes to a horse’s hooves?
   A. Equestrian
   B. Farrier
   C. Bridle
   D. Withers

34. What is the major cause of infertility in a mare?
   A. Age
   B. Improper Nutrition
   C. Uterine Infection
   D. Poor breeding conformation

35. What is the most commonly used bit material?
   A. Copper
   B. Rubber
   C. Stainless Steel
   D. German Silver
36. Which discipline is a judged event designed to show the athletic ability of a ranch type horse in the confines of a show arena?
   A. Reining  
   B. Dressage  
   C. Eventing  
   D. Vaulting

37. A horse’s respiration rate during rest will range from?
   A. 40-30 breaths per minute  
   B. 33-27 breaths per minute  
   C. 21-25 breaths per minute  
   D. 8-16 breaths per minute

38. How often should hooves be trimmed or shod?
   A. Every week  
   B. Once a year  
   C. Every 12-14 weeks  
   D. Every 6-8 weeks

39. How much do horses contribute annually to the economy?
   A. 15 Billion  
   B. 15 Million  
   C. 10 Million  
   D. 1 Billion

40. Which bit can act as either a curb or a snaffle?
   A. Tom Thumb  
   B. Pelham  
   C. Egg Butt  
   D. Spade

41. Which is part of the skull?
   A. Cervix  
   B. Maxilla  
   C. Humerus  
   D. Tarsus

42. Which is a measure of the total blood volume that is occupied by red blood cells?
   A. Hemoglobin  
   B. Hematocrit  
   C. Hematome  
   D. Hematocyte
43. How many pairs of chromosomes does the horse have?
   A. 32
   B. 26
   C. 24
   D. 12

44. Which is a suppling exercise?
   A. Haunches in
   B. Rollback
   C. Sliding stop
   D. Piaffe

45. Which parasite is actually a free living fly as an adult and can be seen on the hairs of the legs as eggs?
   A. Small Strongyles
   B. Gasterophilus (bots)
   C. Tapeworm
   D. Parascaris equorum (ascarids)

46. What is teasing?
   A. A method of halter breaking
   B. A method of determining if a mare is in estrus
   C. A method of training a horse to load
   D. A method of collecting stallions

47. What genetic disease is found primarily in Arabian horses?
   A. HYPP
   B. SCID
   C. EIA
   D. OLWS

48. What term refers to a disease that is constantly present in a geographic area?
   A. Contagious
   B. Infectious
   C. Endemic
   D. Empyema

49. _____ lighting is four times more efficient than ____ lighting.
   A. Fluorescent - incandescent
   B. Incandescent - fluorescent
   C. Electric - battery
   D. Blue - white
50. Which of these is not one of the four main environmental areas?
   A. chemical
   B. physical
   C. social
   D. bacterial