1996 STATE HIPPOLOGY CONTEST QUIZ

Write the letter of the most correct answer in the space provided.

1. What is the common name for Synchronous diaphragmatic flutter? P 273
   a. Lumps  b. Bumps  c. Thumps  d. Roaring

2. The rete mirabile is? P 627

3. Where is the distal epiphysis of the radius? P 723
   a. Near the hock  b. Near the pastern  c. Near the knee  d. Near the scapula

4. All of the following statements are associated with strongyloides except one. Which is incorrect? P 618

5. Which of the following is an immunodeficiency disorder? P 510
   a. Combined Immunodeficiency  b. Neonatal Isoerythrolysis  c. Failure of Passive Transport  d. All of the Above

6. Which of the following diseases cannot be prevented by vaccination? P 600

7. General indicators of foaling include the following signs. Which of the signs is out of time sequence? P 417
   a. 2 to 6 weeks udder distended  b. 7 to 10 days relaxation of pelvis area  c. 4 to 6 days teats fill out nipples  d. 4 to 6 months teats build up wax

8. The correct age to castrate a colt is between birth and 2 years of age? P 384
   a. True  b. False

9. Condition scores for horses are based on a scale from 1-9 with 9 being the fattest. The following is a description of which score: Ridge along the back. Faint outline of ribs discernable. Tailhead prominent, some fat can be felt around it. Hook bones not discernable. Withers, shoulders, and neck not obviously thin. P 269
   a. Very thin #2  b. Moderately Thin #4  c. Moderate #5  d. Fleshy #7

10. Night blindness is a sign of a deficiency of which of the following vitamins? P 238
    a. Vitamin D  b. Vitamin C  c. Vitamin B₁₂  d. Vitamin A

11. Which of the following lists is in correct order of highest crude fiber percentage to the lowest? P 286
    a. Oats, Corn, Soybean Meal, Molasses
    b. Kentucky Bluegrass, Alfalfa Hay, Beet Pulp, Oats
    c. Corn, Oats, Molasses, Straw
    d. Wheat, Birdsfoot trefoil, Timothy Hay, Sorghum
12. Which of the following lists is in correct order of highest calcium percentage to the lowest? P 258
   a. Limestone, Alfalfa Hay, Timothy Hay, Oats, Beet Pulp
   b. Dicalcium phosphate, Beet Pulp, Timothy Hay, Oats, Corn
   c. Monosodium Phosphate, Corn, Oats, Milk Products, Alfalfa Hay
   d. Linseed meal, Wheat Bran, Bone Meal, Oats, Beet Pulp

13. The length of gestation period in the mare is? P 342
   a. 22 months   b. 9 months   c. 72 weeks   d. 335 days

14. Which of the following is associated with colic? P 302
   a. Parasites   b. Over consumption of grain
   c. Elevated heart rate   d. All of the above

15. Which of the following is not associated with the reproductive tract of the mare? P 316
   a. Uterus   b. Fallopian tubes   c. Vas deferens   d. Cervix

16. Which of the following is not associated with the reproductive tract of the stallion? P 355
   a. Vestibular glands   b. Testicle
   c. Bulbo urethral gland   d. Epididymis

17. What is the female species of a donkey or burro? P 75
   a. jennet   b. hinny   c. mule   d. halflinger

18. The five basic colors of the horse are Black, Brown, Bay, Chestnut and White? P 472
   a. True   b. False

19. The following footfalls describe what gait? (1) left hind, (2) right hind - left front, (3) right front. P 170

20. A horse is 66 inches high at the withers; how many hands high would it be officially recorded as? P 139
   a. 14.2 HH   b. 16.5 HH   c. 16.2 HH   d. Large pony

21. A blemish that is a soft, fluid-filled enlargement in the hollow on the outside of the hock and can be pushed freely from the outside to the inside of the hock is called? P 165

22. Parathyroid Hormone is critical for controlling the blood levels of which of the following? P 221
   a. Iodine   b. Thyroxine   c. Calcium   d. FSH

23. Horses will drink 40 to 50% more water if it is kept about what temperature? P 284
   a. 32° F   b. 22° C   c. 45° F   d. 85° F

24. Ovulation is more closely associated with the end of estrus than with the first day. P 334
   a. True   b. False

25. Which of the following classifications can describe the estrous cycles of mares? P 326
   a. polyestrous   b. Seasonally polyestrous
   c. anestrus   d. All the above
2003 Virginia State 4-H Hippology Contest

1. Which of the following breeds was developed in the United States?
   a. Percheron
   b. Quarter Horse
   c. Welsh Pony
   d. Trakehner

2. Which hormone is primarily responsible for maintaining pregnancy?
   a. Estrogen
   b. Lutenizing Hormone
   c. Prolactin
   d. Progesterone

3. Horses should have their feet trimmed how often?
   a. Once a year
   b. Every month
   c. Every 6-8 weeks
   d. Every 2-4 weeks

4. Mature mares generally have how many teeth?
   a. 24-26
   b. 28-30
   c. 34-36
   d. 36-38

5. A horse suffering from navicular syndrome will
   a. Attempt to walk on his toes
   b. Attempt to walk on his heels

6. The correct footfall sequence for the right lead gallop is
   a. Left hind, right hind, left fore, right fore
   b. Left hind, right fore, left fore, right hind
   c. Right hind, left hind, left fore, right fore
   d. Right hind, left hind, right fore, left fore

7. Gestation in the mare is how long?
   a. about 21 days
   b. about 9 months
   c. about 11 months
   d. about 330 feet

8. How will a horse which toes travel when viewed from the front?
   a. He will paddle or wing out
   b. He will dish or wing in
9. Which of the following parasites is most often implicated in colic?
   a. Bots
   b. Pinworms
   c. Ascarids
   d. Strongyles

10. Which disease can be detected using a Coggins test?
    a. Equine Influenza
    b. Equine Infectious Anemia
    c. Tetanus
    d. West Nile Virus

11. The rack is a gait performed by which breed?
    a. Icelandic
    b. Tennessee Walking Horse
    c. Quarter Horse
    d. American Saddlebred

12. The first milk produced by the mare is called
    a. Colostrum
    b. Periosteum
    c. Endometrium

13. How tall is a horse who stands 60 inches at the top of the wither?
    a. 14.2 hands
    b. 15 hands
    c. 15.2 hands
    d. 16 hands

14. A grey horse must have at least one grey parent.
    a. True
    b. False

15. Which is the most popular breed of horse in the United States?
    a. Arabian
    b. Quarter Horse
    c. Paint Horse
    d. Thoroughbred

16. Which feed item is highest in energy content?
    a. Corn
    b. Barley
    c. Oats
    d. Wheat
17. When a horse ‘founders’, which bone will rotate downwards?
   a. Proximal sesamoid
   b. Proximal phalanx
   c. Distal sesamoid
   d. Distal phalanx

18. A vaccine is not available for which of the following?
   a. EPM
   b. Rabies
   c. West Nile Virus
   d. EIA

19. The tibia underlies which part of the horse?
   a. Hip
   b. Forearm
   c. Gaskin
   d. Cannon

20. Which hormone is responsible for the mare displaying behavioral signs of estrus?
   a. Estrogen
   b. Melatonin
   c. Progesterone
   d. Prostaglandin

21. How many beats are in the running walk?
   a. 2
   b. 3
   c. 4

22. Which color is indicated by a yellowish body with black mane, tail and legs?
   a. Black
   b. Palomino
   c. Red dun
   d. Buckskin

23. Which of the following forages is most harmful to late-gestation mares?
   a. Orchardgrass
   b. Timothy
   c. Fescue
   d. Alfalfa
24. Which of the following breeds does not engage in organized racing in the United States?
   a. Saddlebred
   b. Standardbred
   c. Arabian
   d. Quarter Horse

25. Which organ is found in the human, but not in the horse?
   a. Spleen
   b. Liver
   c. Pancreas
   d. Gallbladder