

2022 Tarleton State University FFA AREA Events – Veterinary Science
Written Test

Instructions: Carefully read each item and possible answers. Select your choice by completely filling-in the oval of the correct answer in the “Exam” section of the Horticulture Scan Sheet.

1. What term refers to meiosis in females?
 - A. Oogenesis
 - B. Ovogenesis
 - C. Spermatogenesis
 - D. Testogenesis
2. What is the moisture content of dry food?
 - A. 1% to 5%
 - B. 6% to 10%
 - C. 23% to 38%
 - D. 68% to 78%
3. All of the following are suitable clothing for a post-mortem examination EXCEPT
 - A. Leather gloves
 - B. One-piece coveralls
 - C. Rubber gloves
 - D. Rubber overshoes
4. Which animal system consists of the kidneys, ureters, and urethra?
 - A. Endocrine
 - B. Nervous
 - C. Reproductive
 - D. Urinary
5. What test is used to determine serum antibody levels?
 - A. Anticline
 - B. Antiserum
 - C. Inoculatory
 - D. Serologic
6. Which of the following is a chemical restraint?
 - A. Guiding one sheep in the gate so the rest follow
 - B. Sedation
 - C. Use of a chute
 - D. Using a nose snare
7. How can collected blood be kept from clotting?
 - A. Mixing with an anticlotulant
 - B. Mixing with an anticoagulant
 - C. Store the blood at room temperature
 - D. Store the blood with a corrupting agent
8. All of the following are responsibilities of the veterinary assistant EXCEPT
 - A. Keeping children's materials in order
 - B. Keeping client reading materials neat and current
 - C. Making material available for children
 - D. Occupying the children's time so the veterinarian can work

9. Which of the following is an appropriate safety precaution when using radiographic equipment?
 - A. Limit the beam to the size of the film with a cloth diaphragm
 - B. Only place "gloved" hands in the path of the direct beam
 - C. Remove anyone from the x-ray room that is not needed
 - D. When holding an animal, every person involved should wear an aluminum apron and lead gloves
10. What is required for diagnosis and differentiation of most heart arrhythmias?
 - A. Electriccardiograph
 - B. Electrocardinosis
 - C. Electrocardiogram
 - D. Elektrokardiostaff
11. Which of the following is the normal respiratory rate of a dog?
 - A. 10-15
 - B. 10-20
 - C. 20-35
 - D. 30-60
12. Which of the following is the use of a heat sensitive scanner that detects the temperature of the skin and muscles as it relays a red color image onto a screen?
 - A. Computerized axial tomography
 - B. Endosprapaphy
 - C. Thermography
 - D. Ultrasonography
13. Which of the following is a cat breed?
 - A. American Shorthair
 - B. Brittany
 - C. Maltese
 - D. Vizsla
14. Which of the following is a Psittacine bird?
 - A. Cardinal
 - B. Emu
 - C. Parrot
 - D. Robin
15. Commercially prepared pet foods are normally packed and packaged as either one of three basic types. What is the fundamental difference affecting the storage life of each type?
 - A. Percentage of carbohydrates
 - B. Protein content
 - C. Sugar content
 - D. Water content
16. Which of the following is the normal pulse rate of a cow?
 - A. 35-60
 - B. 70-80
 - C. 70-120
 - D. 120-140

17. Carrying a cat by grasping the scruff of the neck and supporting it with the other forearm is best for:
 - A. Long distances
 - B. Short distances
 - C. Both short and long distances
 - D. Neither short or long distances
18. Hobbles would be most likely found with which of the following animals?
 - A. Birds
 - B. Dogs
 - C. Hogs
 - D. Horses
19. Can a tranquilized dog still bite the handler?
 - A. No
 - B. No, unless hybridization occurs
 - C. Yes
 - D. Yes, but only after 30 minutes of application
20. Which type of fecal examination involves the visual observation of the fecal material?
 - A. Blood examination
 - B. Direct smear examination
 - C. Flotation examination
 - D. Gross examination
21. Which restraining method involves ropes to lay the animal down?
 - A. Casting
 - B. Chute
 - C. Flanking
 - D. Halter
22. What is the term for a tension knot?
 - A. Drawback
 - B. Hitch
 - C. Snag
 - D. Tie
23. Which rope term is a turn in the rope that does not cross itself?
 - A. Bight
 - B. Labor
 - C. Loop
 - D. Strain
24. Which microscopic shape/form is associated with Bacilli?
 - A. Curved shape
 - B. Cylindrical rod shape
 - C. Spherical shape
 - D. Spiral shape
25. Which physical restraint is most likely to be used on horses?
 - A. Cage
 - B. Chute
 - C. Halter
 - D. Nose snare

26. Lateral always refers to the ____ view.
 - A. Bottom
 - B. Face
 - C. Side
 - D. Top
27. Which breed of swine is red with droopy ears?
 - A. Berkshire
 - B. Duroc
 - C. Hampshire
 - D. Yorkshire
28. Perishable, leftover food should never be held longer than ____ before consumed or discarded.
 - A. 2 hours
 - B. 4 hours
 - C. 12 hours
 - D. 24 hours
29. Which of the following terms refers to a post-mortem examination?
 - A. Autocracy
 - B. Dendrology
 - C. Necropsy
 - D. Venerology
30. Which horse classification includes the Quarter Horse?
 - A. Draft horses
 - B. Heavy horses
 - C. Light horses
 - D. Ponies
31. If the fecal examination does not occur closely after collection, where should the sample be stored?
 - A. Freezer
 - B. Greenhouse
 - C. Humidifier
 - D. Refrigerator
32. Which of the following is generally true of sheep and goats?
 - A. Both sheep and goats are timid and flock together
 - B. Both sheep and goats have distinctive personalities
 - C. Goats are timid and flock together while sheep have distinctive personalities
 - D. Sheep are timid and flock together while goats have distinctive personalities
33. Which of the following is a dog breed?
 - A. Korat
 - B. Ragdoll
 - C. Turkish Van
 - D. Weimaraner

34. Genes are carried on threads of living materials called ____.
- A. Chromosomes
 - B. Cytoplates
 - C. DNA indicators
 - D. RNA indicators
35. The physical examination of urine includes all of the following EXCEPT
- A. Color
 - B. Consistency
 - C. Odor
 - D. Taste
36. Which of the following are all dairy breeds of cattle?
- A. Angus, Brown Swiss, Guernsey, Holstein-Friesian, & Jersey
 - B. Ayrshire, Brown Swiss, Guernsey, Hereford-Friesian, & Jersey
 - C. Ayrshire, Brown Swiss, Guernsey, Holstein-Friesian, & Jersey
 - D. Ayrshire, Brown Swiss, Guernsey, Holstein-Friesian, & Simmental
37. What are the two types of patient motion specific to radiology?
- A. Intentional and Premeditated
 - B. Reflex and Impulse
 - C. Spastic and Contraction
 - D. Voluntary and Involuntary
38. All of the following are ratites EXCEPT
- A. Ostrich
 - B. Emu
 - C. Rhea
 - D. Turkey
39. Which is the largest (in goat numbers) goat breed in the United States?
- A. Alpine
 - B. Angora
 - C. Boer
 - D. Nubian
40. When restraining a rabid dog, two snares should be held at ____ from each other by two handlers.
- A. 45°
 - B. 90°
 - C. 180°
 - D. 360°
41. Which of the following is a meat type goat?
- A. Alpine
 - B. Nubian
 - C. Spanish
 - D. Toggenburg
42. Veterinary assistants should be aware that clients' loyalty is generally dependent on the assistant's:
- A. Callousness, competence, courtesy, and compassion
 - B. Care, antagonism, compassion, and courtesy
 - C. Care, competence, courtesy, and compassion
 - D. Cruelty, competence, courtesy, and creativity

43. Which of the following is the main fine wool breed of sheep in the United States?
- A. Columbia
 - B. Dorset
 - C. Rambouillet
 - D. Suffolk
44. When restraining a tortoise, where on the animal should one grasp?
- A. On the shell sides closer to the back
 - B. On the shell sides closer to the front
 - C. One hand at the front, one hand at the rear
 - D. One hand to grasp the tail, one hand to grab the head
45. How often should the veterinary assistant remove old files?
- A. Every Week
 - B. Never – All files should be kept
 - C. Once a month
 - D. Once a year
46. Which of the following is draft breed of horses?
- A. Hackney
 - B. Percheron
 - C. Standardbred
 - D. Welsh
47. All of the following are goat types EXCEPT
- A. Draft
 - B. Fiber
 - C. Meat
 - D. Milk
48. Which two cattle breeds are from France?
- A. Brahman & Charolais
 - B. Charolais & Limousin
 - C. Charolais & Simmental
 - D. Chianina & Limousin
49. Which of the following is the normal internal temperature of a horse?
- A. 96.8°
 - B. 98.6°
 - C. 100°
 - D. 102°
50. What is the act of controlling animal movement and activity?
- A. Directedness
 - B. Freewill
 - C. Restraint
 - D. Self-actualization