



EST. 1977

## Cypress Creek FFA Invitational Veterinary Science Exam

1. Which of the following is one of the husbandry management practices recommended to prevent illness in animals due to poor conditions?
  - a. Adding more manure
  - b. Provide sanitary environment for birthing
  - c. Administering antiparasitic drugs
  - d. Raise replacement animals
2. What is the highest rating in the Pseudorabies Eradication Program?
  - a. Stage 5
  - b. Stage 3
  - c. Stage 2
  - d. Stage 1
3. Which of the following animals is tonsillitis considered rare in?
  - a. Cats
  - b. Horses
  - c. Dogs
  - d. Cows
4. What is the purpose of a surgical scalpel during surgery?
  - a. Cutting suture materials
  - b. Holding needles
  - c. Creating incisions and excising tissues or organs
  - d. Controlling blood flow
5. What does NPPI stand for when discussing poultry health?
  - a. Natural Poultry Improvement Plan
  - b. National Poultry Improvement Plan
  - c. Natural Poultry Infection Plan
  - d. National Poultry Infection Plan
6. What is the common name for Dermatophytosis?
  - a. Ringworm
  - b. Rain Gall
  - c. Warts
  - d. Alopecia
7. **T/F** All poultry going to public exhibition or public sale must be tested and found to be free of or originate from a certified "Pullorum-Typhoid clean" flock.
  - a. True
  - b. False
8. Which of the following are rarely affected by vesicular stomatitis?
  - a. Sheep
  - b. Swine
  - c. Cattle
  - d. Horses

9. Feeding pets a diet containing raw \_\_\_\_\_ increases the possibility of a thiamine deficiency.
- Beef
  - Fish
  - Pork
  - Chicken
10. Which of the following is **NOT** a way to decrease risk factors that disease will occur?
- Crossbreeding
  - Immunizations
  - Improper Husbandry
  - None of the above
11. Which of the following is a sign of food allergies in dogs?
- Sneezing and itchy eyes
  - Itchy eyes and changes in the skin
  - Sneezing and skin rash
  - Skin changes and gastrointestinal problems
12. Where do horse flies reproduce?
- In decayed bedding
  - In cattle manure
  - In or near water
  - All of the above
13. T/F Patient Preparation should occur on the surgery table.
- True
  - False
14. Which organization regulates all animal biological products impacted into the United States?
- CDC
  - WHO
  - USDA-APHIS
  - FDA
15. Which of the following is how animals are identified for quarantine?
- Clinical signs
  - History
  - Laboratory test
  - All of the above
16. Which of the following are disinfectants with an offensive odor?
- Sodium hydroxide and Chlorine
  - Cresole and alkalis
  - Chlorine and formaldehyde
  - Quaternary ammonium and phenol
17. Rickettsiae can be transmitted mechanically by which of the following?
- Development in the arthropod's stomach
  - Bees and birds
  - Regurgitation from arthropods
  - Biting flies and blood transfusions

18. A vaccine containing inactivated toxins is called what?
- Toxoid
  - Killed vaccine
  - Modified live
  - Purified antigen
19. What term means bacteria in the blood?
- Toxemia
  - Viremia
  - Bacteremia
  - Septicemia
20. West Nile encephalitis is an epidemic in how many states?
- 50
  - 45
  - 49
  - 48
21. Pneumonitis is inflammation of the \_\_\_\_\_.
- Heart tissue
  - Lung tissue
  - Nasal tissue
  - All of the above
22. The most common name for clostridium are which of the following?
- Blackgut
  - Blackneck
  - Black leg
  - All of the above
23. Which of the following diseases is considered incurable in cattle but can be treated in humans?
- Cattle tuberculosis
  - Cattle brucellosis
  - Swine tuberculosis
  - Swine brucellosis
24. Which of the following vitamins are important because they aid in the absorption of dietary calcium?
- A & D
  - A & B
  - C & D
  - B & C
25. What is known as inflammation of the uterus?
- Mastitis
  - Metritis
  - Pyometra
  - Abortion
26. Which of the following is a method used to reduce manure in pastures?
- Preventing overcrowding
  - Rotating animals to different pastures
  - Preventing overgrazing
  - All of the above

27. Which of the following should be completed by the surgeon before beginning the hand-scrub process?
- Was the hands up to the elbow with water
  - Put on a surgical cap, mask, and shoe covers
  - Apply antiseptic soap on the hands
  - Use a sterile brush for scrubbing
28. States that have totally wiped out the brucellosis infection are called what?
- Free state
  - Class A
  - Class B
  - Class C
29. What is the natural reservoir for the Avian Influenza virus?
- Chickens
  - Turkeys
  - Migratory waterfowl
  - None of the above
30. T/F Utility scissors are used during surgery to cut paper and other materials that may dull the blade of a sharper instrument?
- True
  - False
31. Dermatitis is an inflammation of the:
- Heart
  - Lungs
  - Nasal passage
  - Skin
32. What pesticide applicator license is required for an individual to purchase and use pesticides on their own animals?
- Pesticide dealer license
  - Pesticide private applicator license
  - Pesticide commercial applicator license
  - Pesticide noncommercial applicator license
33. What observations of an animal signals the animal is in stage 1 of anesthesia?
- Color of blood in the surgical site Pg. 308
  - Decreased and loss of reflexes
  - Opposition by patient to flexing and extending the legs
  - Respiration rate and depth and muscle tone
34. Which of the following is the primary symptom(s) of pneumonitis?
- Swollen tonsils
  - Deep cough
  - Difficulty breathing
  - Both B & C
35. What is the job of the veterinary assistant?
- Helping prepare the surgery room
  - Helping prepare the tools and instruments
  - Helping prepare the animals
  - All of the above

36. What is the primary method of transmission for wats in animals, such as dogs and cattle?
- Direct contact
  - Waterborne transmission
  - Through air droplets
  - Foodborne transmission
37. How long does passive immunity provided by colostrum usually last in offspring?
- 2 to 12 weeks
  - 24 hours
  - 3 to 5 weeks
  - 8 hours
38. What is rhinitis?
- Inflammation of the tonsils
  - Inflammation of the heart
  - Inflammation of the lungs
  - Inflammation of the nasal passages
39. What is the purpose of using commercially available pet foods that are complete and balanced nutrition?
- To cause obesity
  - To reduce nutritional deficiencies
  - To lower the pets respiratory system
  - To promote extreme weight loss
40. **T/F** Strategic administration of drugs to control internal parasites takes place of management practices to improve sanitation and animal nutrition.
- True
  - False
41. What observations of an animal signals the animal is in stage 4 of anesthesia?
- Color of blood in the surgical site
  - Decreased and loss of reflexes
  - Opposition by patient to flexing and extending the legs
  - Respiration rate and depth and muscle tone
42. How long is the quarantine period for a dog or cat exposed to rabies?
- 5 days
  - 8 days
  - 11 days
  - 10 days
43. What are operating or surgical scissors are used for?
- Separate and differentiate tissues
  - Cut paper
  - Cut soft tissues
  - Cut the iris of the eye

44. Which of the following is known as inflammation of the heart muscle?
- a. Endocarditis
  - b. Pericarditis
  - c. Myocarditis
  - d. Myositis
45. Which of the following is **NOT** something you should do to prepare hands for surgery?
- a. Keep finger nails trimmed short
  - b. Scrub all surfaces of the hand ending with the bottom side
  - c. Clean under the fingernails while under running water
  - d. Dry hands with a sterile towel
46. **T/F** When putting on a sterile gown, avoid touching the front surface of the gown and keep the gown from touching any objects.
- a. True
  - b. False
47. Proper environmental management practices include which of the following?
- a. Maintain clean and dry housing
  - b. Draining standing water
  - c. Reducing manure on the ground
  - d. All of the above
48. How is pseudorabies typically transmitted among swine?
- a. Unsanitary blood transfusions
  - b. Through the air
  - c. By spores in the soil
  - d. Through contaminated water
49. What instrument is locking forceps that are used to hold a suture needle when installing the stitches or closing a surgical incision?
- a. Thumb forceps
  - b. Scalpel
  - c. Hemostats
  - d. Needle holder
50. **T/F** Nutritionists suggest that obesity in pets is the most important form of “malnutrition”.
- a. True
  - b. False