

TTU School of Agriculture Veterinary Science Clinic  
Written Exam **KEY**

1. Name the four stomach compartments of a ruminant, in the correct order.
  - a. Rumen, reticulum, abomasum, omasum
  - b. Rumen, reticulum, omasum, abomasum
  - c. Reticulum, rumen, abomasum, omasum
  - d. **Reticulum, rumen, omasum, abomasum**
  
2. Which organ is **not** part of the endocrine system?
  - a. Thyroid gland
  - b. **Kidney**
  - c. Pancreas
  - d. Ovaries
  
3. Which disease does not cause abortion?
  - a. Brucellosis
  - b. Bovine viral diarrhea
  - c. **Coccidiosis**
  - d. Bovine trichomoniasis
  
4. What is the common name for Dermatophytosis?
  - a. Pyoderma
  - b. **Ringworm**
  - c. Demodectic mange
  - d. Louse
  
5. To properly apply a splint for a radial/ulnar fracture in a dog, which joints must be immobilized to provide fracture stability?
  - a. **Carpus and elbow**
  - b. Shoulder and elbow
  - c. Metacarpus and elbow
  - d. Tarsus and elbow
  
6. What is the common name for the third phalanx of a horse?
  - a. Cannon bone
  - b. Pastern
  - c. **Coffin bone**
  - d. Frog
  
7. Which term means “hypersalivation”?
  - a. **Ptyalism**
  - b. Prehension
  - c. Peristalsis
  - d. Polydipsia

8. What percentage of water loss is considered very serious but generally not life threatening?
- 5% of the body's water
  - 10% of the body's water**
  - 15% of the body's water
  - 20% of the body's water
9. What is the average length of gestation in swine?
- 3 months, 3 weeks, 12 hours
  - 3 months, 3 days, 3 hours
  - 2 months, 2 weeks, 2 days
  - 3 months, 3 weeks, 3 days**
10. Which best describes a scenario where it may be best not to bandage a wound on the lower leg of a horse?
- Tall grassy pasture
  - Long tail on horse
  - Fly season
  - Humid weather**
11. What are the five stages of density on a radiograph, in order from most radiopaque to most radiolucent?
- Air, fat, muscles, organs, and bone
  - Air, fat, soft tissue, bone, and mineral
  - Mineral, bone, soft tissue, fat, and air**
  - Bone, organs, muscles, fat, and air
12. Which of these breeds has the highest risk for tracheal collapse?
- Yorkshire Terrier**
  - Labrador Retriever
  - Siberian Husky
  - Cocker Spaniel
13. What exotic animal typically ingests their own feces that are high in proteins, minerals, and B vitamins?
- Rabbits**
  - Guinea Pigs
  - Ferrets
  - Mice
14. What vitamin affects calcium and phosphorus metabolism? (L&B194)
- Vitamin K
  - Vitamin E
  - Vitamin D**
  - Vitamin A

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16. After delivering a calf, what is something a producer or veterinarian must remember to do?
- Remove the placenta from the cow
  - Give a combination of antibiotic
  - Re-examine the birth canal**
  - Bleach the birthing area
17. The cardiovascular system is composed of:
- heart and lungs
  - lungs and trachea
  - heart and blood vessels**
  - heart, lungs, and kidneys
18. The types of animal restraint are:
- Physical, psychological, and hypnotic
  - Traumatic, chemical, and physical
  - Chemical, hypnotic, and psychological
  - Chemical, psychological, and physical**
19. The medical term for inflammation of the urinary bladder is:
- cystitis**
  - peritonitis
  - dystocia
  - uremia
20. Which of the following terms is defined as “difficult birth”?
- dyspnea
  - dysphagia
  - dystocia**
  - dysphagia
21. Ears raised, mouth opened in a relaxed grin, lowered front half of body in a “bowing” posture, and tail wagging is considered to be which type of canine visual communication?
- aggressive
  - play**
  - submission
  - relaxed
22. Which disease causes weight loss in cats? (R231)
- Hyperthyroidism**
  - Hyperadrenocorticism
  - Hypopyon
  - Hypothyroidism

23. Which is not true about insulin? (L&B 164)
- a. The pancreas releases it.
  - b. It stimulates the liver to convert glucose to glycogen and fat.
  - c. **It increases glucose levels in the blood.**
  - d. It increases the permeability of cells to glucose.
24. Which animal is a short-day breeder? (L&B129)
- a. Horse
  - b. **Goat**
  - c. Cow
  - d. Pig
25. “Floating” is a word used to describe a procedure horses need done routinely to maintain good health. What part of the body does this involve? (L&B 208)
- a. **Teeth**
  - b. Cecum
  - c. Hooves
  - d. Pastern