

**2014 Washington State Veterinary Sciences CDE
Written Exam**

1. True or false: Surgical instruments should be sterilized with the ratchets open.
A. True
B. False

2. A skin incision would best be made using:
A. a hemostat
B. a thumb forcep
C. suture scissors
D. a scalpel blade

3. A client read online that her female puppy should have an ovariohysterectomy surgery but she doesn't understand that terminology. Tell her the layman's term for "ovariohysterectomy."
A. a neuter
B. a tail dock
C. a spay
D. an ear crop

4. When administering a Bangs vaccine, it is given *subcutaneously*, which means:
A. an injection into a vein
B. an injection under the skin
C. an injection into the muscle
D. an injection into the eye

5. Which of the following is an example of an open ended question?
A. "Rascal sure has gained a lot of weight, hasn't he?"
B. "Does Rascal get a lot of people food?"
C. "Do you feed Rascal too much?"
D. "On an average day, what does Rascal eat, and how often do you feed him?"

6. What device would you use to help restrain a uncooperative horse?
A. a basket muzzle
B. a rongeur
C. a twitch
D. a squeeze chute

7. An animal is experiencing dyspnea. What is it having difficulty doing?
A. breathing
B. walking
C. giving birth
D. wagging its tail

8. What is the typical gestation period of a mare?
- A. 7 months
 - B. 62 days
 - C. 13 months
 - D. 11 months**
9. An animal has been diagnosed with mange. What external parasite has infested the animal?
- A. fleas
 - B. mites**
 - C. lice
 - D. tapeworms
10. The acronym, SOAP, stands for what in a medical record?
- A. Subjective, Objective, Assessment, Plan**
 - B. Signalment, Origin, Assessment, Participation
 - C. Subjective, Objective, Assessment, Procedure
 - D. Signs, Opinion, Adjustment, Plan
11. Which disease is caused by a fungus?
- A. Brucellosis
 - B. Myasthenia Gravis
 - C. Blackleg
 - D. Ringworm**
12. A castrated male sheep is called a:
- A. gelding
 - B. wether**
 - C. buck
 - D. cria
13. A zoonotic disease is:
- A. a disease that is naturally transmissible from animals to humans and vice-versa**
 - B. a disease that is only contracted by handling wildlife
 - C. a disease that is only contracted by handling pet animals
 - D. a disease that is mostly only seen in animals kept in zoos
14. An example of a zoonotic disease is:
- A. feline leukemia
 - B. canine distemper
 - C. leptospirosis**
 - D. osteosarcoma
15. What structure is unique to birds?
- A. trachea
 - B. femur
 - C. patella
 - D. gizzard**

16. The term for parturition in a rabbit is:

- A. farrowing
- B. kindling**
- C. whelping
- D. calving

17. A dog breeder notes that her dog has “come into heat” and is standing for the stud. What stage of the estrus cycle has the female dog likely entered?

- A. proestrus
- B. estrus**
- C. diestrus
- D. pseudopregnancy

18. A client calls to tell you that her 4 year old jersey milk cow is “acting funny” after she escaped her pen and got into the neighbor's lush green yard. The cow was fine an hour ago, but has suddenly stopped eating, is reluctant to move, and seems distressed. The owner mentioned that she seems to look “lopsided” with her left flank looking rounder than her right. What is likely wrong with this cow?

- A. she is bloating**
- B. she has mastitis
- C. she has lumpy jaw
- D. she just needs milked

19. A nine month old tom cat presents for neutering. One testicle has not descended into the scrotum. What is the undescended testicle called?

- A. a monotestis
- B. an ovary
- C. a testovary
- D. a cryptorchid**

20. What is the medial term for inflammation of the brain?

- A. endocarditis
- B. pluritis
- C. encephalitis**
- D. osteomyelitis

21. You would like to draw a blood sample from a horse for a Coggins test. What vein are you likely going to draw your sample from?

- A. cephalic
- B. lateral saphenous
- C. caudal vena cava
- D. jugular vein**

22. When you send off your sample for the Coggins test, what disease are you testing for?

- A. Equine Infectious Anemia**
- B. Strangles
- C. Salmonellosis
- D. Brucellosis

23. You would like to obtain a sterile urine sample. What technique will you use?
- A. venipuncture
 - B. acupuncture
 - C. cystocentesis**
 - D. amniocentesis
24. You are assisting the veterinarian in surgery. He asks you to hand him the Metzenbaums. What type of instrument is he asking for?
- A. scissors**
 - B. forceps
 - C. clamps
 - D. needle drivers
25. A young cat presents for an onychectomy surgery. What will the veterinarian be removing in this procedure?
- A. The ovaries
 - B. The appendix
 - C. The claws**
 - D. The canine teeth
26. A cow is noted on physical exam to have normal eructation. What does this mean?
- A. She has a normal heart rate
 - B. She is producing a normal amount of gas in the form of “burping”**
 - C. She has normal mucous membrane color
 - D. She has normal ear position
27. A dog will be receiving IV fluids during surgery. What does this mean?
- A. He will receive intravertebral fluids
 - B. He will receive internally variable fluids
 - C. He will receive incredibly viscous fluids
 - D. He will receive intravenous fluids**
28. You are assisting the veterinarian with a physical exam on a goat. She asks you to get the “TPR.” What information is she asking you to gather from the patient?
- A. Temperature, Pressure, Respiration
 - B. Time, Presentation, Rating
 - C. Time, Pulse, Respiration
 - D. Temperature, Pulse, Respiration**
29. True or False: Rabies is not a core vaccine for dogs.
- A. True
 - B. False**
30. What is the main vector of West Nile Virus?
- A. The mosquito**
 - B. The tick
 - C. The flea
 - D. The botfly

31. The “pylorus” is a part of which abdominal organ?
- A. The liver
 - B. The kidney
 - C. The stomach**
 - D. The pancreas
32. Which is NOT a boney structure in the rear limb of a cat?
- A. The 3rd metacarpal bone**
 - B. The femur
 - C. The 3rd metatarsal bone
 - D. The tibia
33. Which class of medication would be used in the treatment of an abscessed bite wound on a cat?
- A. antiviral
 - B. chemotherapy
 - C. antifungal
 - D. antibiotic**
34. Which of the following procedures would one commonly use to look for evidence of intestinal parasites?
- A. skin scrape
 - B. fecal float**
 - C. trans-tracheal wash
 - D. MRI
35. What kind of anesthesia would be used to perform a colic surgery on a horse?
- A. local anesthesia
 - B. inhalation anesthesia**
 - C. regional anesthesia
 - D. topical anesthesia
36. A prescription reads: Amoxicillin 1 mL P.O. BID x10 days. What does that mean?
- A. Give 1 mL Amoxicillin by mouth twice daily for 10 days.**
 - B. Give 1 mL Amoxicillin by mouth every other day for 10 days.
 - C. Give 1 mL Amoxicillin intraocular twice daily for 10 days.
 - D. Give 1 mL Amoxicillin per ear twice daily for 10 days.
37. An owner brings in her dog, concerned because he has been lethargic, hasn't been eating in a few days, and has swollen lymph nodes. On exam you find and remove several ticks. She informs you that she has been “picking ticks off him for a month!” Which of the following diseases are you most concerned about in this dog? (Choose only one)
- A. Parvovirus
 - B. Otitis
 - C. Rocky Mountain Spotted Fever**
 - D. Keratoconjunctivitis Sica

38. Jaundice is:
- A. a blue tinge to the skin
 - B. a pale colored tongue
 - C. a yellowish color to the skin**
 - D. the healthy pink color of the mucous membranes
39. A client is bringing you a cavy for examination. What exactly is she bringing in?
- A. A tiny dog breed related to the chihuahua
 - B. A small lizard
 - C. A chinchilla
 - D. A guinea pig**
40. The veterinarian yells, "This animal is severely hypoxic!" What should the technician be running to get immediately?
- A. lunch
 - B. a penicillin injection
 - C. a heating pad
 - D. oxygen**
41. What is a "gilt?"
- A. the feeling you get when you've done something wrong
 - B. a young female swine**
 - C. an instrument used to geld horses
 - D. a young female llama
42. A cow gives birth to twins, one male and one female. The farmer is disappointed. Why?
- A. The female is likely sterile**
 - B. The male is likely sterile
 - C. He was hoping for an entire litter, not just twins
 - D. The calves will not be able to stand up
43. In question 42, what is the female calf called?
- A. hamburger
 - B. a familialmartin
 - C. a hemicalf
 - D. a freemartin**
44. You listen to a horse's heart and determine the rate to be 110 bpm. What is the medical terminology for this rate in this species?
- A. hypertension
 - B. hyperadrenocorticism
 - C. tachycardia**
 - D. bradycardia

45. Which one of the following needles would you use to administer a vaccine to a golden retriever?
- A. 18 guage
 - B. 16 guage
 - C. 22 guage**
 - D. 14 guage
46. Which of the following parasites is an example of an endoparasite?
- A. mite
 - B. roundworm**
 - C. ringworm
 - D. flea
47. A dog presents for examination of a skin mass. The owner tells you that it is located in the dog's "left armpit." What terminology will you use when you record the location of the mass in your medical record?
- A. the left axilla**
 - B. the left inguinal
 - C. the left metacarpal
 - D. the left metatarsal
48. The veterinarian instructs her technician to check a suture line located on the ventral thorax of a cat. Where will the technician look for the suture line?
- A. on the cat's belly, between his rear limbs
 - B. on the cat's left side, near his elbow
 - C. on the cat's back, just behind his shoulder blades
 - D. on the cat's chest, between his front limbs**
49. A horse is described as being "laterally recumbent." What does this mean?
- A. The horse is lying on his back
 - B. The horse is standing quietly, but looking at his flank
 - C. The horse is lying on his side**
 - D. The horse is rearing
50. What is a "erythrocyte?"
- A. a white blood cell
 - B. a red blood cell**
 - C. a platelet
 - D. a viral particle

