

## LATG - Quiz # 6 (Ch. 12, 13)

1. A group of rats is reported to you for swelling around the head and neck, ocular abnormalities and bloody discharge from both eyes. What is the most likely diagnosis based on this brief clinical presentation?
  - a. Sendai virus
  - b. Lymphocytic Choriomeningitis Virus
  - c. Pinworms
  - d. Sialodacryoadenitis Virus
  
2. A group of mice are showing signs of generalized rash, facial swelling, and necrosis of the distal limbs. These animals were accidentally injected with a transplantable tumor cell line that was not MAP tested according to Department Policy. What is the most likely cause of these clinical signs?
  - a. Ectromelia Virus
  - b. Mouse Hepatitis Virus
  - c. Mycoplasma pulmonis
  - d. Mouse Parvovirus
  
3. Why should conventionally raised rabbits not be housed in the same area as conventionally raised guinea pigs?
  - a. Rabbits are a natural predator for Guinea pig
  - b. Interspecies conflict
  - c. Rabbits are asymptomatic carriers of *B. bronchiseptica*
  - d. Guinea pigs are asymptomatic carriers of *S. pneumoniae*
  
4. What is the causative agent of snuffles in rabbits?
  - a. *Streptococcus pneumoniae*
  - b. *Pasteurella multocida*
  - c. *Clostridium piliforme*
  - d. *Treponema cuniculi*
  
5. During the necropsy of a rabbit, you notice a prominent pale yellow liver (hepatic lipidosis), which perfectly matches with the history of the animal noting eating or passing feces for the last seven days. What do you expect to find when you open the stomach?
  - a. Gastric trichobezoar
  - b. Stomach worms
  - c. *Passalurus ambiguus* (pinworms)
  - d. Gastric ulceration

6. What is the causative agent of Infectious tracheobronchitis (Kennel Cough) in dogs?
  - a. *Canine Distemper*
  - b. *Canine Parvovirus*
  - c. *Otodectes cynotis*
  - d. *Bordetella bronchiseptica*
  
7. Which of the following is the most devastating disease to a colony of nonhuman primates, because of the ease with which it is spread among monkeys and its zoonotic potential?
  - a. *Mycobacterium tuberculosis*
  - b. Measles
  - c. Diarrhea
  - d. Herpes B Virus
  
8. Q-fever is a deadly zoonotic disease spread by ruminants. *Coxiella burnetti* is the causative agent and deaths are related to bacterial endocarditis. Which of the following animals requires extra handling precautions to prevent transmission of this disease to humans?
  - a. Goats with foot rot
  - b. Cattle with bloat
  - c. Sheep with Caseous Lymphadenitis
  - d. Pregnant Sheep
  
9. You notice white particles that remind you of grains of rice slowing moving in a dog's fecal sample. Being the astute LATG that you are, what do you tell the random source vendor about these animals?
  - a. Their dogs have tapeworms and one dose of antibiotics should cure and prevent further infestation
  - b. Their dogs have cestodes and they should check for ectoparasites to prevent further infestation of the dog colony
  - c. Their dogs have trematodes and other endoparasites which are harmless
  - d. Their dogs have nematodes and ringworm and that treatment with an anthelmintic and antifungal should prevent further problems.
  
10. Another random source dog has a severe respiratory condition and you suspect the animal has lungworms, which are shed as nematode larvae in the feces. Which is the best test to detect nematode larvae in feces?
  - a. Fecal floatation
  - b. Baermann technique
  - c. Anal tape test
  - d. Knotts test

11. Another name for packed cell volume (PCV) is:
- Hematocrit
  - Differential
  - Hemoglobin
  - Complete blood count
12. What does the acronym WBC stand for?
- Well Beyond Clinical
  - White Body Chemistry
  - White Blood Cell
  - Welfare Belongs Central
13. Humans and animals undergoing general anesthesia often have special monitoring devices such as pulse oximeters attached to them to detect the oxygen saturation of the blood to prevent hypoxia. The sensors on a pulse oximeter used to detect oxygen saturation must read what oxygen-carrying component of the blood?
- Hemocrit
  - Hemoglobin
  - Platelet
  - WBC
14. Platelets are also known as \_\_\_\_\_ and primarily facilitate \_\_\_\_\_.
- erythrocytes; coagulation
  - leukocytes; immunity
  - megakaryocytes; vaccination
  - thrombocytes; coagulation
15. \_\_\_\_\_ is the microscopic evaluation of tissues for changes or alterations caused by disease.
- Histopathology
  - Microbiology
  - Microscopicology
  - Micropathology

16. During radiography of a cat, the veterinarian requests a VD view of the animal's abdomen. What position must you place the animal to get a VD view?
- a. the animal should be placed on its abdomen with the x-ray beam focused on the back
  - b. the animal should be placed on its back with the x-ray beam focused on its abdomen
  - c. the animal should be placed on its left side with the x-ray beam focused on its right side
  - d. the animal should be placed on its right side with the x-ray beam focused on its left side