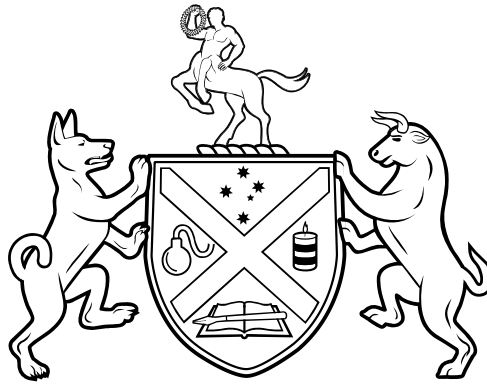




Australian and New Zealand College of
Veterinary Scientists

Small Animal Medicine
Sample Multiple Choice Questions

Answer all five (5) multiple choice questions in this section

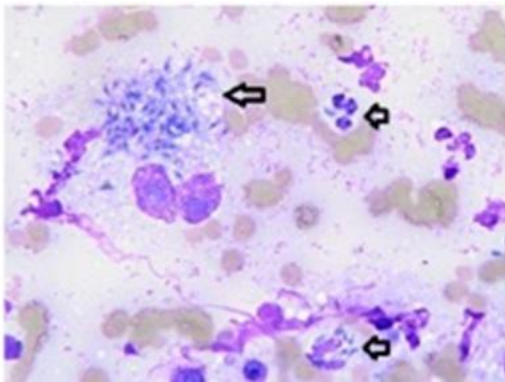
This section is worth 5 marks. Each question is worth one (1) mark. There is no negative marking.

1. In a dog with normal bone marrow, how many days does should it take to mount an appropriate regenerative response to traumatic blood loss?
 - a. 3-5 days
 - b. 1-2 days
 - c. 12-14 days
 - d. 7-9 days

2. If untreated, a left-to-right patent ductus arteriosus (PDA) causes which cardiac chamber to overload?
 - a. Right atrium
 - b. Right ventricle
 - c. Left atrium
 - d. Left ventricle

3. Which of the following substances regulate the blood ionised calcium concentrations in the dog and cat?
 - a. Thyroid stimulating hormone, parathyroid hormone, calcitriol and calcitonin
 - b. Parathyroid hormone, 1, 25-dihydroxyvitamin D3 (calcitriol) and calcitonin
 - c. Thyroid stimulating hormone, parathyroid hormone and serum total calcium
 - d. Serum phosphorus, total calcium and protein bound calcium

4. A dog has been receiving treatment for lymphoma with a standard CHOP protocol. The dog has recently developed sterile cystitis; which drug in the CHOP protocol is most likely responsible?
- a. Vincristine
 - b. Doxorubicin
 - c. Cyclophosphamide
 - d. Prednisolone
5. A 10-year-old male desexed domestic shorthair cat with a history of treatment with cyclosporin for atopic dermatitis is presented for investigation of acute onset tachypnoea and anorexia. A fine needle aspirate of the lung was performed, and cytology is provided below. Which of the following is the MOST likely infectious agent?



- a. *Toxoplasma gondii*
- b. *Bordetella bronchiseptica*
- c. *Cryptococcus neoformans*
- d. *Mycobacterium avium*