



The Royal College of Pathologists

Pathology: the science behind the cure

Part 1 examination

Veterinary Pathology: Second paper- Small Domestic Animals

Tuesday 23 September 2008

Candidates must answer FOUR questions ONLY

Time allowed: 3 hours

1. Write short notes on:
 - a. Canine ehrlichiosis
 - b. Canine neosporosis
 - c. Feline toxoplasmosis

2. Write an essay on diseases associated with coronavirus infection in the dog and cat.

3. Write an essay on the diagnosis of cutaneous spindle cell tumours in the dog and cat.

4. Write short notes on:
 - a. Feline cowpox virus infection
 - b. Feline spongiform encephalopathy
 - c. Feline herpesvirus infection

5. Write an essay on glomerulonephritis in the dog.



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Part 1 examination

Veterinary Pathology: Second paper - Small domestic animals

Tuesday 25 September 2007

Candidates must answer FOUR questions ONLY

Time allowed: 3 hours

- 1 Write short notes on THREE of the following small animal viral infections:
 - a. Feline infectious peritonitis virus infection in cats
 - b. Distemper virus infection in dogs
 - c. Canine herpesvirus infection in dogs
 - d. Feline immunodeficiency virus infection in cats

- 2 Describe the conditions that give rise to alopecia in the dog, indicating how you would distinguish between different types of alopecia in skin biopsy material.

- 3 Write an essay on lymphoma in the cat.

Please turn over for Questions 4 and 5

- 4 Write short notes on THREE of the following immune-mediated diseases in dogs:
- a. Systemic lupus erythematosus
 - b. Bullous pemphigoid
 - c. Immune complex vasculitis
 - d. Rheumatoid arthritis
- 5 Describe your approach to the pathological examination of the heart from a dog with suspected cardiac disease.



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Part 1 examination

Veterinary Pathology (small domestic animals): Second paper

Tuesday 19 September 2006

Candidates must answer FOUR questions ONLY

Time allowed: 3 hours

- 1 Discuss the disease processes that may result in hypercalcaemia in the dog and comment on microscopic changes expected in this condition.
- 2 Write an essay on mast cell neoplasia in the dog and the cat including a description of molecular techniques useful in tumour grading.
- 3 You are requested to undertake the post mortem examination of a dog on behalf of the Royal Society for the Protection of Animals (RSPCA). The RSPCA are concerned that the dog has been neglected. Give an account of your approach to this investigation.
- 4 Write an essay on infectious causes of respiratory disease in the cat.
- 5 Write short notes on all of the following:
 - a) congenital portosystemic shunts in dogs
 - b) pemphigus foliaceus in dogs
 - c) amyloidosis in cats.