

1. Please make a description about the pathophysiology of Feline idiopathic cystitis (10%)
2. Please describe the clinical signs of chronic degenerative mitral disease in dogs and how to make a diagnosis of it (10%).
3. What are the general therapeutic principles for the gastrointestinal disorders? (10%)
4. Please state the mechanisms involved in cancer metastasis and the potential management/treatment ideas (10%).
5. Please describe the clinical signs, physical examinations (including HR, RR, BP, and BT etc.), laboratory abnormalities and the emergency management and treatment of the "Addison's crisis" in dog? (10%)
6. 試述外科刷手的程序與材料重點，以及近年來對刷手方式的爭譯或新觀念。(3%)
7. 請說明三種骨板放置方式：1)neutralization plate , 2)compression plate, 3)bridging plate 的應用時機。(5%)
8. 犬貓的前葡萄膜炎(anterior uveitis)常見眼科症狀為何？(請列舉症狀中常見的 3 項) (7%)
9. A 20 Kg mongrel dog has pericardial effusion and is going to receive a thoracoscopic pericardiectomy. Subtotal pericardiectomy to the ventral aspects of the phrenic nerves bilaterally is planned.
Please answer the following questions:
(A) What does position of the patient provide the best access to the pericardium? (1%)
(B) What surgical instruments are needed (at least 6 items)? (3%)
(C) Please state the surgical procedure in detail. (8%)
(D) Is one lung ventilation (OLV) necessary for this patient? Why (points are awarded only when both answers are correct)? (2%)
10. Compare the imaging findings of Hansen type I intervertebral disc disease and traumatic disc extrusion (also called non-compressive nucleus pulposus extrusion) on radiographs and myelogram. (4%)

11. In the following situations, how should the cutaneous trunci reflex react when pinching the skin at the specific level? Complete the table with “present reflex (+)” or “absent reflex (-)” and write down your answers (A) - (L) on the answer sheet. (3%)

| | Complete spinal cord transection at the level of T11/T12 disc | Complete spinal cord transection at the level of L4/L5 disc | Complete transection of the right brachial plexus |
|--|---|---|---|
| Stimulation at the level of L5 vertebra at right side | (A) | (E) | (I) |
| Stimulation at the level of L5 vertebra at left side | (B) | (F) | (J) |
| Stimulation at the level of T10 vertebra at right side | (C) | (G) | (K) |
| Stimulation at the level of T10 vertebra at left side | (D) | (H) | (L) |

12. 常見的犬貓口腔腫瘤各有哪些？ (5%)

13. 小動物常見的疝氣有哪些，請詳述之？(4%)

14. 犬乳腺腫瘤的手術切除方式有哪些，請詳述之？(5%)

試題隨卷繳回