



Mansoura University  
Faculty of Vet. Medicine  
Surgery, Anesthesiology & Radiology Dept.  
Fourth year Examination  
Full mark = 25

First Semester  
Veterinary Anesthesiology  
Time allowed: 2 Hours  
9/1/2018

The students are required to answer all the following questions

I) A) How could you control the followings: (4 marks)

- 1- Standing castration in a horse.
- 2- Calming a pregnant cow (8 months pregnancy).
- 3- Euthanasia in a donkey.
- 4- Rat laparotomy.

B- Briefly describe the clinical uses of xylazine Hcl in domestic animals. (3 marks)

II) Write on the following points: (6 marks, two for each)

- 1- Describe how metabolism affects the activity of anesthetics.
- 2- Enumerate risks during pet's anesthesia and what can you do to reduce them.
- 3- List the advantages and disadvantages of semi open non rebreathing circuits.

III) A) Discuss the autonomic effects of epidural anesthesia in different animals. (3 marks)

B) Why pain management is a challenge for both prescriber and patient? Please list the four key challenges. (2 marks)

IV) Describe a suitable anesthetic technique for the followings: (4 marks)

- 1- Relieving postoperative pain after forelimb amputation in a dog. (2 marks)
- 2- Lateral claw amputation in the forelimb of a calf. (1 mark)
- 3- Relieving of pain in arthritic joint. (1 mark)

V) A) Tabulate the differences between the anesthetic techniques that could be used for left flank laparotomy in a buffalo. (2 marks)

B) How could you control a stallion (400 kg) suffered recent accidental wound in the upper eyelid. (1 mark)

Good Luck

Prof. Dr. Esam Mosbah

الطريقة الرابعة  
تسليم اول  
مراجعة