

**THE NATIONAL UNIVERSITY OF LESOTHO**

**FACULTY OF AGRICULTURE**

**DEPARTMENT OF ANIMAL SCIENCE**

**ANS 4504: COMPANION ANIMAL LIFE CARE**

**FIRST SEMESTER FINAL EXAMINATION**

**JANUARY 2024**

**Marks: 100**

**Time 3 hours**

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***Instruction: Answer All Questions***

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## **CANINES**

**QUESTION 1.** Define the following terms as used in companion animals (canines)

**(5)**

- a) Altricial puppies
- b) Bitch
- c) Mongrel
- d) Whelping
- e) Stud

**QUESTION 2.** The large canine teeth are more dangerous to the handler and hence intervention is needed when handling stray or aggressive dogs. Discuss how would you restrain the canines for surgical operation?

**(10)**

**QUESTION 3.** The canines are more dangerous to the handler, hence they need to be handled with care. As Animal Science Technician how would you advise the farmers in Roma Valley when restraining the canines for ovariohysterectomy operation? **(10)**

**QUESTION 4.** During surveillance and drug detection, the specialized breeds of dogs are used, Name and give the characteristics that make such breed suitable for the purpose?

**(10)**

**QUESTION 5.** Companion animals are therapy animals that can be beneficial in helping older people and children who have experienced trauma. In relation to this discuss how companion animals' impact positively on human beings?

**(10)**

**QUESTION 6.** As a farm Manager in Mokhotlong how would you advise the villagers on assistance required in whelping?

(5)

## **FELINES**

**QUESTION 1.** Define the following terms as used in companion animals (felines)?

(5)

- a) Queen
- b) Tom
- c) Kittens
- d) Spaying
- e) Neuter

**QUESTION 2.** Outline the functions of vomeronasal organ (Jacobson's organ) in feline's?

(5)

**QUESTION 3.** Energy is the most important feed requirement in feline diet, discuss fully the energy requirement for felines?

(10)

**QUESTION 4.** Having a companion animal can be a very rewarding experience, Discuss the physiological benefits of having a feline as companion animals? (10)

**QUESTION 5.** Moshobahlana want to start a Feline industry, as an Animal Scientist how would you advise him in selection of kittens as breeding stock? (10)

**QUESTION 6.** Felines like other animal's exhibit estrus, discuss fully the estrus signs observed in Felines? (10)