



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**FOURTH YEAR FIRST SEMESTER EXAMINATION FOR DEGREE
OF BACHELOR OF SCIENCE WITH INFORMATION
TECHNOLOGY**

MAIN CAMPUS

AAN 404: WILD GAME FARMING AND APICULTURE

Date: 5th December, 2016

Time: 12.00 - 3.00pm

INSTRUCTIONS:

- Answer ALL Questions



SECTION A: 30 MARKS

1. a) State the species name of the following animals
i) Nile water crocodile (2Marks)
ii) Leopard tortoise (2Marks)
- b) State four distinct breed characteristic of salt water crocodiles (4Marks)
- c) State three sign of supercedure (3Marks)
- d) Differentiate between thelytoky and arrhenotoky in honey bees (2Marks)
2. a) Write short notes on sex determination in crocodiles (5Marks)
- b) Outline the composition of honey (6Marks)
- c) How will you control external parasites of *Apis mellifera* (4Marks)
- d) State four advantages of Langstroth hive (2Marks)

SECTION B: 70 MARKS

3. a) Wild game farming is gaining popularity among Kenyans, briefly discuss the advantages wild game have over domestic animals (10Marks)
- b) Discuss nutrition and feeding of snails (8Marks)
4. a) Define swarming and its control in apiculture (8Marks)
- b) Maseno Youth Group want to set up an apiary enterprise, provide technical advice on factors to consider when selecting a site. (10Marks)
- c) Explain honey grading (4 Marks)
- d) Describe mating in bees (4 marks)
5. a) Outline any three products from an ostrich enterprise (3Marks)
- b) Write short notes on nutrition and feeding management of ostrich (8Marks)
6. a) Write short notes on market structure of crocodiles in Kenya (5Marks)
- b) Stress is a common problem among the farmed crocodiles, outline the sources of stress and how you will manage them (10 Marks)