



TECHNICAL UNIVERSITY OF MOMBASA
Faculty of Business & Social Studies
DEPARTMENT OF HOSPITALITY & TOURISM

UNIVERSITY EXAMINATIONS FOR DEGREE IN
BACHELOR OF SCIENCE IN TOURISM MANAGEMENT

AES 4130: FLORA & FAUNA OF EAST AFRICA I

END OF SEMESTER EXAMINATIONS

SERIES: APRIL 2015

TIME: 2 HOURS

INSTRUCTIONS:

- Answer question **ONE (Compulsory)** in Section **A** and any other **TWO** questions in Section **B**.

This paper consists of Two printed pages

SECTION A (Compulsory)

QUESTION 1

- a) Outline **FIVE** characteristics of living things. **(10 marks)**
- b) Explain the concept vegetation community. **(2 marks)**
- c) Using specific examples explain the structure and species composition of the low/tree-high grass vegetation communities found in Kenya. **(8 marks)**
- d) Outline any **FIVE** characteristics of birds found in East Africans natural habitats. **(10 marks)**

SECTION B (Answer any TWO questions)

QUESTION 2

- a) Discuss characteristics that describe major mammals found in the East African wild. **(16 marks)**
- b) Distinguish between iconic and key stone species giving an example of each. **(4 marks)**

QUESTION 3

- a) With use of examples of mammals, distinguish between mammals of the order perissodactyla and probocidae **(8 marks)**
- b) How would distinguish between Acinonyx Jubatus and Panthera pardus as seen in their natural habitats. **(4 marks)**
- c) Explain any **FOUR** threats facing Acinonyx jubatus in East African rangelands. **(8 marks)**

QUESTION 4

Explain the natural history, economic value and conservation status of one species of giraffe found in Kenya. **(20 marks)**

QUESTION 5

- a) Describe the identification of one species of Rhinocerrus found in Kenya. **(10 marks)**
- b) What is the conservation status of Loxodonta africana? **(5 marks)**
- c) Propose any **TWO** strategies that would advise towards improving the conservation status of the African Elephant. **(5 marks)**