



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF HOSPITALITY & TOURISM

DIPLOMA IN TOURISM MANAGEMENT
(DTM S13)

AES 2130 : FLORA & FAUNA OF EAST AFRICA I

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2013

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of Sections **A** and **B**.
- Answer all questions in Section **A** . Answer any **TWO** questions in Section **B**.
- Mobile phones are not allowed into the examination room.
- Cheating leads to disqualification.
- ***This paper consists of Two printed pages.***

SECTION A (Compulsory) 30 Marks

QUESTION 1

- a) Using suitable examples describe the structure and species composition of the semi-desert and desert vegetation communities of E.Africa. (10 marks)
- b) Outline the distinguishing unique characteristics of mammals found in E.Africa. (10marks)
- c) Highlight morphological and behavioral characteristics that you will use in identifying the African Savannah, Elephant. (10marks)

SECTION B (Answer any TWO questions) 40 Marks

QUESTION 2

- a) Discuss the major threats facing Rhinoceros Diceros bicomr specie in E.Africa. (10marks)
- b) What is the difference between the black and white Rhinos? (2marks)
- c) Highlight measures that wildlife management authorities are employing to enhance conservation of the black and white Rhinos in E.Africa. (8marks)

QUESTION 3

- a) Describe the distinguishing characteristics of order Artiodactyla-even toed angulates. (4marks)
- b) Identify any Two(2) mammal species in the order perrisodactyla-odd toed angulates (2 marks)
- c) What are the distinguishing morphological features of mammals in the order primate (6marks)

QUESTION 4

- a) With suitable illustration, distinguish between the following concepts (20 marks)
 - i) Analogy and homology
 - ii) Ecosystem and community
 - iii) Diphyodonty and polyphydonty
 - iv) Endothermy and ectotherny
 - v) Eponym and Toponym

QUESTION 5

- a) Write short notes on the ecological and economic importance of wild bird species in E. Africa. (10marks)
- b) Describe the characteristics of Reptiles represented in E.Africa. (10marks)