



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF HOSPITALITY & TOURISM

UNIVERSITY EXAMINATIONS FOR DEGREE IN
BACHELOR OF SCIENCE IN TOURISM MANAGEMENT

BHT 4208 : FLORA & FAUNA OF EAST AFRICA II

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2013

TIME: 2 HOURS

INSTRUCTIONS:

- Answer all questions in Section **A** and any other **TWO** questions in Section B.

This paper consists of Two printed pages

SECTION A (Compulsory)

QUESTION 1

- a) Distinguish between reptiles and amphibians. (10 marks)
- b) Discuss the ecological and economic significance of species of order Anura in E. Africa. (10 marks)
- c) Highlight the conservation status of Anuran in E.Africa describe candidate conservation strategies for there species. (10marks)

SECTION B (Answer any TWO questions)

QUESTION 2

- a) Outline the general morphological and behavioral characteristics identifying amphibians of the family Bufonida in wild. **(15 marks)**
- b) Write brief notes on the natural history of the reed frog, genus hyperolin illustrating your discussion With one species from this genus found in E.Africa. **(10 marks)**

QUESTION 3

- a) Discuss the value of reptiles of the sub-order serpents in E.Africa. **(20 marks)**
- b) Identify conservaton threats facing snakes populations in E.Africa, propose possible conservation strategies to mitigate these threats.

QUESTION 4

- a) Briefly describe the physical and behavioral characteristics distinguishing any two specific members of family pythondac and family elapidae. **(10 Marks)**
- b) Write short notes on the natural history of reptiles of order crocodylia typically found in Kenya's aquatic ecosystems. **(10 marks)**

QUESTION 5

- a) Discuss the significance of tortoises and terrapins in the ecosystem in Kenya. **(10 marks)**
- b) Distinguish between
- i) Leopard tortoise and bells hinged tortoise. **(5marks)**
 - ii) Cobra and Mambas **(5marks)**