



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: 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) Explain the adaptation of members of family pythonidae to their feeding behaviour. **(10 marks)**
- b) Outline the ecological and economic significance of members of order squamate which includes suborder serpentes. **(10 marks)**
- c) What are the conservation threats facing members of order Squamate, suborder serpentes. **(10 marks)**

SECTION B (Answer any TWO questions)

QUESTION 2

- a) Outline any **FIVE** safety precaution you would take while observing amphibian and reptiles in their natural habitats. **(10 marks)**
- b) Distinguish between the concept “ectothermic” and “endothermic” giving an example of species in each group. **(6 marks)**
- c) Outline **FOUR** characteristics of the family Bufonidae. **(4 marks)**

QUESTION 3

Why must we protect crocodiles? Explain the value of the Nile crocodile. **(20 marks)**

QUESTION 4

- a) Using their natural history, explain how you would distinguish and identify between Frogs and Toads. **(10 marks)**
- b) Explain the ecological significance of chelonian mydas-Green Turtle. **(10 marks)**

QUESTION 5

- a) Explain the adaptation of birds to flight. **(10 marks)**
- b) What is the ecological human importance of eves. **(10 marks)**

QUESTION 6

- a) Explain the characteristics of coral reef found on the Kenyan Coast. **(10 marks)**
- b) Outline the characteristics of fishes of the East African aquatic environment. **(10 marks)**