



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF HOSPITALITY & TOURISM

BHT 2109: ECOLOGY AND TOURISM

SUPPLEMENTARY/SPECIAL EXAMINATIONS

SERIES: FEBRUARY 2013

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of **TWO** Sections **A** and **B**.
- Section **A** is **Compulsory**. Answer **ALL** questions.
- Answer any **TWO** questions in Section **B**.
- ***This paper consists of Three printed pages.***

SECTION A (Compulsory)

QUESTION 1

- a) Explain the following concepts: **(10 marks)**
- i) Ecological foot print
 - ii) Biome
 - iii) Climate change
 - iv) Ecology
 - v) Abiotic component of the ecosystem
- b) Write short notes on application of the following strategies of tourism ecological impacts management:
- i) Voluntary strategies **(5 marks)**
 - ii) Regulatory strategies **(5 marks)**
- c) Describe physiological responses of wildlife species associated with impact of tourist activities in pristine natural protected areas. **(10 marks)**

SECTION B (Answer any TWO questions) 40 Marks

QUESTION 2

- a) Outline touristic values, of the fringing coral reef ecosystem on the Kenyan Coast. **(10 marks)**
- b) Explain **FIVE** important tourism values on Kenya's Savannah ecosystem. **(10 marks)**

QUESTION 3

Write short notes on the nature of the following environmental impacts associated with touristic activities in natural areas:

- a) Trampling **(4 marks)**
- b) Off-road driving **(4 marks)**
- c) Use of built facilities **(4 marks)**
- d) Access road development **(4 marks)**
- e) Noise pollution **(4 marks)**

QUESTION 4

- a) Describe **FIVE** non-use values of biotic components of the ecosystem. **(10 marks)**
- b) Discuss **FIVE** beneficial environmental impacts of tourism. **(10 marks)**

QUESTION 5

- a) Explain factors that predispose wildlife to adverse impacts of human activities in natural environments. **(10 marks)**

- b) Identify **FIVE** strategies that tourism enterprises can employ to mitigate negative impacts resulting from their activities in protected areas. **(10 marks)**