



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2008/2009

INSTITUTE OF OPEN LEARNING

EXAMINATION FOR THE DEGREE OF BACHELOR OF BACHELOR OF ARTS
(TOURISM STUDIES)

TSA 103: INTRODUCTION TO ECOLOGY

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DATE: THURSDAY 18TH FEBRUARY 2010

TIME: 2.00 P.M. – 4.00 P.M.

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INSTRUCTIONS

Answer any THREE Questions.

1. Distinguish between the following terms:
 - a) Autotrophs and heterotrophs. (8 marks)
 - b) Predator and prey. (8 marks)
 - c) Parasite and host (7 1/3 marks)
2.
 - a) Explain the community concept. (5 marks)
 - b) Describe the structure and functions of communities. (18 1/3 marks)
3. Discuss the importance of ecology to wildlife tourism. (23 1/3 marks)
4. Using relevant examples, describe the factors which regulate population sizes. (23 1/3 marks)
5. Explain the functions and ecological importance of tropical grasslands. (23 1/3 marks)
6. Explain how environmental factors affect the distribution of wildlife. (23 1/3 marks)