



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

DEPARTMENT HOSPITALITY MANAGEMENT

SECOND YEAR FIRST SEMESTER EXAMINATION FOR DIPLOMA IN
HOSPITALITY AND TOURISM MANAGEMENT

DTM 033: TOURISM ENVIRONMENT

DATE: 13/12/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

Question One Is Compulsory Answer Any Other Two Questions.

1. a) Define the following terms as used in tourism and environment. (10 marks)
 - i. Ecology
 - ii. Biodiversity
 - iii. Ecosystem
 - iv. Tourism
 - v. Environmental carrying capacity.
- b) Name five greenhouse gases. (5 marks)
- c) Highlight five ways tourism activities can contribute to desertification. (5 marks)
- d) State six roles played by NGOS in environmental conservation. (6 marks)
- e) State the difference between natural and man-made environment giving one example in each case. (4 marks)
2. a) Abiotic components are such physical and chemical factors of an Ecosystem. Explain how the six abiotic factors support life. (12 marks)
- b) With the help of a diagram describe:
 - i. Food chain (4 marks)
 - ii. food web (4 marks)

- 3 a) Explain four ways tourism contributes to environmental pollution (12 marks)
b) Describe four ways through which tourism benefits from climatic resources (8 marks)
- 4 a) Tourism contributes greatly to environmental conservation .Explain five such contributions (10 marks)
b) The Nairobi national park has degraded too fast due to uncontrolled tourism activities .As the a conservationist explain five visitor management techniques you would use to restore the park to its former glory (10 marks)
- 5 a) Analyse the following types of Environmental carrying capacity;
i. social carrying capacity (5 marks)
ii. Economic carrying capacity (5 marks)
b) Tourism is a form of consumerism in relation to environment as tourists purchase a right to consume the experiences provided by foreign environments. Explain five ways tourists consume the environment. (10 marks)