



# **THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

## ***Faculty of Business & Social Studies***

DEPARTMENT OF HOSPITALITY & TOURISM

DIPLOMA IN TOURISM MANAGEMENT

(DTM J08)

## **ECOLOGY AND TOURISM**

END OF SEMESTER EXAMS

**SERIES:** APRIL/MAY 2010

**TIME:** 2 HOURS

### **INSTRUCTIONS TO CANDIDATES**

1. The paper consists of **TWO** Sections **A** and **B**.
2. Section **A** is compulsory. Answer **ALL** questions.
3. Answer any **TWO** questions from Section **B**.

**SECTION A** (Answer **ALL** questions)

- Q.1 (a) Briefly describe the following types of eco tourism. (10 marks)
- (i) Community Based Tourism
  - (ii) Pro-poor tourism
  - (iii) Adventure Tourism
  - (iv) Sustainable Tourism
  - (v) Responsible Tourism
- (b) Define the following terms: (10 marks)
- (i) Ecology
  - (ii) Ecosystems
  - (iii) Community
  - (iv) Abiotic factors
  - (v) Food Chain
- (c) With reference to a known ecotourism project, discuss any **FIVE** principles of ecotourism. (10 marks)

**SECTION B**

Answer any **TWO** questions from this Section.

- Q.2 Discuss the following impacts of the community based eco tourism.
- (i) Economics Impacts (10 marks)
  - (ii) Socio-Cultural Impacts (10 marks)
- Q.3 (a) Identify **FIVE** challenges facing community based ecotourism. (10 marks)
- (b) Describe the following ecotourism products. (10 marks)
- (i) Ec lodge
  - (ii) Ecolabel
  - (iii) Eco tours
  - (iv) Eco-schooling
  - (v) Rock Climbing
- Q.4 (a) Highlight any FIVE preconditions for ecotourism. (10 marks)
- (b) Organisms respond to variations in the environment with a variety of adaptations. Highlight **FIVE** such adaptations. (10 marks)

- Q.5 (a) Describe **FIVE** types of ecosystems in East Africa giving relevant examples of each . (10 marks)
- (b) Explain the following concepts of ecology. (10 marks)
- (i) Ecological pyramids
  - (ii) Carrying capacity
  - (iii) Food Chains
  - (iv) Ecological succession