



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