



# **THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

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

DEPARTMENT OF HOSPITALITY & TOURISM

DIPLOMA IN TOURISM MANAGEMENT

(DTM M07)

## **FLORA AND FAUNA OF EAST AFRICA**

FINAL 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**  
(Compulsory)

- Q.1 (a) Define the following terms used in natural history.
- (i) Natural History
  - (ii) Biology
  - (iii) Fauna
  - (iv) Flora
  - (v) Environment (10 marks)
- (b) Highlight **FIVE** general characteristics of mammals. (10 marks)
- (c) Briefly discuss the Lion based on the following:
- (i) Identification
  - (ii) Distribution and habitat
  - (iii) Food
  - (iv) Social organization
  - (v) Reproduction. (10 marks)

**SECTION B**

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

- Q.2 (a) Highlight **FIVE** families of birds confined to Africa, giving an example of a species in each family. (5 marks)
- (b) Describe the following bird habitats in Kenya giving examples of birds found in each habitat.
- (i) Forests (5 marks)
  - (ii) Marine habitats (5 marks)
  - (iii) Rivers and lakes (5 marks)
- Q.3 Discuss the **FOUR** social/mating systems of African antelopes giving relevant examples. (20 marks)
- Q.4 (a) List **SIX** general characteristics of birds. (6 marks)
- (b) Give an example of each of these mammalian orders.

(i) Order Lagomorpha

(ii) Order Marsupialia

(iii) Order Monotremata

(iv) Order Perissodactyla

(v) Family Manidae

(vi) Order Pinnipedia

(vii) Order Sirenia

(14 marks)

Q.5 (a) Give **FIVE** general characteristics of reptiles.

(10 marks)

(b) Highlight **FIVE** differences between Leopard and cheetah.

(10 marks)