



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) Order Pholidata
- (vi) Family Manidae
- (vii) Order Pinnipedia
- (viii) 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)