



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Business & Social Studies

DEPARTMENT OF HOSPITALITY & TOURISM

CERTIFICATE IN TOUR AND TRAVEL OPERATIONS

(CTTO J10)

EAST AFRICAN FAUNA AND FLORA I

END 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.
3. Answer any **TWO** questions from Section **B**.

SECTION A
(COMPULSORY)

- Q.1 (a) Define the following terms:
- (i) Natural History
 - (ii) Biology
 - (iii) Taxonomy
 - (iv) Nocturnal
 - (v) Food chain
- (10 marks)
- (b) List any **SIX** types of ecosystems in East Africa. (5 marks)
- (c) Name **FIVE** conservation organizations working in Kenya. (5 marks)
- (d) List **FIVE** mammalian orders common in East Africa. (5 marks)
- (e) Give **FIVE** examples of antelopes common in East Africa. (5 marks)

SECTION B

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

- Q.2 (a) Write down the scientific names of the following mammals.
- | | |
|---------------------|-------------------|
| (i) Buffalo | (iv) Chimpanzee |
| (ii) Black rhino | (v) Vervet monkey |
| (iii) Spotted Hyena | |
- (10 marks)
- (b) Explain **FIVE** measures being taken to conserve Fauna and Flora of East Africa. (10 marks)
- Q.3 (a) Outline **FIVE** ways in which fauna and flora of East Africa is important in tourism. (10 marks)
- (b) Give **FIVE** differences between the leopard and the cheetah. (10 marks)
- Q.4 (a) Differentiate between the white rhino and the black rhino. (10 marks)
- (b) Classify the Chimpanzee under the seven taxa (from Kingdom to species). (10 marks)

Q.5 Choose **ONE** among the following mammals and write short notes under the subtopics listed below:-

Mammal: Lion, Leopard, Africa Elephant, Black rhino, Mountain Gorilla and Cape buffalo.

Sub-topics:

- | | | |
|-----|----------------------------------|-----------|
| (a) | Measurements and scientific name | (4 marks) |
| (b) | Field identification | (4 marks) |
| (c) | Distribution and Habitat | (4 marks) |
| (d) | Food and Feeding | (4 marks) |
| (e) | Reproduction and longevity | (4 marks) |