



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

DEPARTMENT OF HOSPITALITY MANAGEMENT

**SECOND YEAR SECOND SEMESTER EXAMINATION FOR
DIPLOMA IN HOSPITALITY AND TOURISM MANAGEMENT**

DTM053: NATURE AND WILDLIFE KNOWLEDGE

DATE: 16/4/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Define the following terms as used in nature and wildlife knowledge. (10 marks)
- i. Biosphere
 - ii. wildlife
 - iii. Habitat
 - iv. bio piracy
 - v. Carnivore
- b) i Name three biospheres found in Kenya. (3 marks)
- ii State the importance of biospheres in the tourism industry. (3 marks)
- iii Name four animal sanctuaries found in Kenya. (4 marks)
- c) There has been cases of hundreds of buffaloes without tails and testicles reported in AbeTders national park in Kenya since 2008 to date. The cause is presence of hyenas in the ecosystem.
- i. State two reasons why the hyenas have been doing this. (2 marks)
 - ii. Giving reasons identify the wild animal that needs to be introduced in the park to save the situation. (3 marks)

- d) Name five Game reserves found in Kenya. (5 marks)

QUESTION TWO (20 MARKS)

A travel agent working for Akothee safaris has received a booking of 10 chinese tourists who want to tour the maasai mara , they have sought your services as a resident tour guide.

- a) State five predominant wildlife found in masai mara. (5 marks)
- b) Explain two main ways how the tourists can access the masai mara, giving three advantages of each method. (10 marks)
- c) State five tourism activities that can be carried in masai mara (5 marks)

QUESTION THREE (20 MARKS)

- a) A group of Kenya wildlife club members from Machakos are visiting Lake Nakuru National park for birding. You are the ornithologist working in the park.
- i. State to the members the equipment required when birding. (2 marks)
- ii. Name two types of flamingos found in the parks (2 marks)
- iii. Differentiate the two flamingos by describing their peculiar traits. (6 marks)
- b) The African elephant is predominantly found in the Savanna ecosystem. Differentiate the African and the Asian elephant. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain five factors affecting wildlife conservation efforts in Kenya (10 marks)
- b) Describe the history of wildlife conservation in Kenya. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Kenya delegates are attending a conference in Thailand on conservation of wildlife Duped as. Ensure Zero markets for animal Trophies, Explain the importance of Kenyan wildlife to the delegates. (10 marks)
- b) Explain the negative effects of tourism to wildlife in Kenya (10 marks)