



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

DEPARTMENT OF HOSPITALITY MANAGEMENT

THIRD YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR OF SCIENCE

IN HOSPITALITY AND TOURISM MANAGEMENT

BTM 372: FLORA AND FAUNA OF EAST AFRICA

DATE:

TIME:

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS) (Compulsory)

- a) Define the following terms: (10 marks)
- Flora
 - Fauna
 - Ecology
 - Population
 - Ecosystem
- b) Highlight **FIVE** general characteristics of mammals (10 marks)
- c) Identify **FIVE** characteristics of birds (5 marks)
- d) Outline the different classifications of insects (5 marks)

QUESTION TWO (20 MARKS)

State and discuss in detail the factors affecting the conservation and preservation of Flora and Fauna in East Africa. (20 marks)

QUESTION THREE (20 MARKS)

- a) With and aid of a diagram identify the insects life cycle and explain 5 characteristics of insects (10 marks)
- b) The study of reptiles and amphibians is known as herpetology. Discuss the ecological and economic importance of these animals. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the adaption of plants to the different biomes we have in Africa. (10 marks)
- b) With relevant examples, discuss 10 characteristics of reptiles (10 marks)

QUESTION FIVE (20 MARKS)

- a) Identify and explain the relevance of East Africa Flora and Fauna to the tourism industry. (10 marks)
- b) Discuss the ecological importance of reptiles. (10 marks)