



MACHAKOS UNIVERSITY

University Examinations 2019/2020 Academic Year

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

DEPARTMENT OF HOSPITALITY MANAGEMENT

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR (HOSPITALITY AND TOURISM MANAGEMENT)

BTM 372-3: FLORA AND FAUNA OF EAST AFRICA

DATE: 13/11/2020

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

This paper consists of FIVE Questions

Answer Question One (Compulsory) and any other Two questions

SECTION A (COMPULSORY)

QUESTION ONE (30 MARKS)

- a) State **FIVE** reasons why birds are excellent fliers. (5 marks)
- b) Identify **FIVE** different impacts of tourism on Kenya's wildlife. (5 marks)
- c) Highlight **SIX** economic and ecological importance of plants. (6 marks)
- d) Define the following terms: (10 marks)
 - i) Flora:
 - ii) Fauna
 - iii) Ecology:
 - iv) Population:
 - v) Ecosystem:
- e) Highlight **FOUR** general characteristics of mammals (4 marks)

SECTION B: ANSWER ANY OTHER TWO QUESTIONS

QUESTION TWO (20 MARKS)

- a) The study of reptiles and amphibians is known as herpetology. Discuss the in details ecological and economic importance of reptiles giving examples. (10 marks)
- b) Discuss in details characteristics of amphibians giving examples. (10 marks)

QUESTION THREE (20 MARKS)

State and discuss in detail **TEN** factors affecting the conservation and preservation of Flora and Fauna in East Africa.

QUESTION FOUR (20 MARKS)

- a) The flora and fauna of East Africa has been facing various challenges in the recent years. Discuss in details **TEN** challenges. (10 marks)
- b) In reference to **Q4.b)** discuss in details **TEN** ways how these challenges can be overcome. (10 marks)

QUESTION FIVE (20 MARKS)

- a) A classification is a hierarchical arrangement of things within classes. Write down the classification of a lion and its scientific name accordingly. (10 marks)
- b) Identify and discuss briefly **TEN** characteristics of birds. (10 marks)