



MACHAKOS UNIVERSITY

University Examinations 2020/2021 Academic Year

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

DEPARTMENT OF HOSPITALITY MANAGEMENT

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (HOSPITALITY AND TOURISM MANAGEMENT)

BTM 372-2:-FLORA AND FAUNA OF EAST AFRICA

DATE: 29/3/2021

TIME: 2.00-4.00 PM

INSTRUCTIONS

Instructions: This paper consist of FIVE Questions

Answer Question One (Compulsory) and any other Two questions

QUESTION ONE (30 MARKS)

- Flora and fauna in the world are found in various regions known as biomes. Discuss in details using examples **five** of the world biomes. (5 marks)
- Reptile classification puts them into four orders. Using relevant examples of a species in each case, state these **four** orders. (8 marks)
- As a tour guide talking to tourism professionals, List **four** objectives of environmental education that you include in your presentation. (4 marks)
- Classification of living things is done in levels referred to as hierarchies. Classify the African elephant and the lion in to these hierarchies. (10 marks)
- There are two types of growth in insects. Discuss. (4 marks)
- Define the term classification as used in flora and fauna (1 mark)

SECTION B: ANSWER ANY OTHER TWO QUESTIONS(40 MARKS)

QUESTION TWO (20 MARKS)

- Bird-watching is a popular leisure and recreation activity. Explain **six** characteristics that a birder may use to recognize different types of birds in the wild. (10 marks)
- A census of flamingoes in Rift Valley showed that there has been a decrease in their population. Explain **Ten** possible environmental threats that could have caused this situation and solutions to each. (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain giving examples five factors affecting the flora and fauna in the savannah ecosystem. (10 marks)
- b) Over the past decade, a number of wildlife species have greatly reduced. Explain **five** ways that the government of Kenya may protect endangered flora and fauna. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the factors responsible for the extinction of flora and fauna being witnessed today across the world based on your discussion, form a fair and a balanced conclusion on the given issue (10 marks)
- b) Plants have many uses. Explain five aesthetic uses of plants in Kenya's tourism sector. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Kenya's tourism is 80% wildlife-based. Discuss (10 marks)
- b) Tourism has different positive and negative impacts on the flora and fauna. Lake Nakuru National Park has faced some of these impacts. Demonstrate how you as a manager of Lake Nakuru National Park can help mitigate the problems the park is faces using examples. (10 marks)