

STH116



OFFICE OF THE DEPUTY PRINCIPAL

ACADEMICS, RESEARCH AND STUDENTS' AFFAIRS

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## UNIVERSITY EXAMINATIONS

### 2018 /2019 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER REGULAR EXAMINATION

**FOR THE DEGREE OF BACHELOR OF HOTEL**

**AND HOSPITALITY MANAGEMENT**

**COURSE CODE: STE 116**

**COURSE TITLE: NATURAL HISTORY OF EAST AFRICA**

**FLORA AND FAUNA**

**DATE: 24/04/2019**

**TIME: 9.00 AM-12.00 PM**

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### INSTRUCTION TO CANDIDATES

- SEE INSIDE



**THIS PAPER CONSISTS OF 3 PRINTED PAGES**

**PLEASE TURN OVER**

**INSTRUCTIONS TO CANDIDATES**

- i) Answer question **ONE** and any other **TWO** questions
- ii) Do not write on the question paper

**QUESTION ONE**

a) Explain the meaning of the following terms

- i) Species
- ii) Amphibians
- ii) Ecosystems
- iv) Habitat
- v) Niche



(10marks)

b) Categorize the world's biomes into five (5) groups and in each case give an example.

(10marks)

c) Highlight the social and economic values of East African Reptiles and Amphibians.

(10marks)

**QUESTION TWO**

a) Discuss briefly five (5) types of habitats that birds may be found and explain the conducive condition for each habitat. (10marks)

b) Outline two methods that Ornithologists use to study birds and briefly explain what is involved in each method. (10marks)

**QUESTION THREE**

a) Identify the name given to scientists who study insects and outline the reasons why it is important to study insects (10marks)

b) Explain some ways that can be used to control insects (10marks)

**QUESTION FOUR**

a) Explain the meaning of protected areas and discuss the importance of managing these areas (10 marks)

b) Discuss the characteristics of the following ecosystems

- i) Tropical rain Forest
- ii) Temperate grassland
- iii) Alpine and polar regions

(10marks)

**QUESTION FIVE**

Mammals are some of the most difficult groups to survey due to the generally low abundance at which they occur. Multiple techniques need to be used if an accurate assessment of the mammal fauna is to be made. Discuss the trapping techniques that can be used with various mammal groups.

(20marks)

