

STH116

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Bastion of Knowledge

P. O. Box 845-50400 Busia (K)
principal@auc.ac.ke
Tel: +254 741 217 185
+254 736 044 469
off Busia-Malaba road

OFFICE OF THE DEPUTY PRINCIPAL
ACADEMIC, STUDENT AFFAIRS AND RESEARCH

UNIVERSITY EXAMINATIONS

2017 /2018 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER REGULAR EXAMINATION

**FOR THE DEGREE OF BACHELOR OF HOTEL
AND HOTEL AND HOSPITALITY**

COURSE CODE: STH 116

**COURSE TITLE: NATURAL HISTORY OF EAST
AFRICA FLORA AND FAUNA**

DATE: 24TH APRIL, 2018

TIME: 9:00 AM – 12.00 NOON

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

STH 116: NATURAL HISTORY OF EAST AFRICA FLORA AND FAUNA

STREAM: BH&HM

DURATION: 3 Hours

INSTRUCTIONS TO CANDIDATES

- i. Answer Question **ONE** and any other **TWO** questions
- ii. Question **ONE** carries 30 marks
- iii. 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 (10 Marks)
- b) Categorize the world's biomes into 5 groups and in each case give an example. (10 Marks)
- c) Highlight the social and economic values of East African Reptiles and Amphibians. (10 Marks)

Question Two

- a) Discuss briefly five (5) types of habitats that birds may be found and explain the conducive condition for each habitat. (10 Marks)
- b) Outline two methods that Ornithologists use to study birds and briefly explain what is involved in each method. (10 Marks)

Question Three

- a) Identify the name given to scientists who study insects and outline the reasons why it is important to study insects (10 Marks)
- b) Explain some ways that can be used to control insects (10 Marks)

Question Four

Explain the meaning of protected areas and discuss the importance of managing these areas
(20 Marks)

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.
(20 Marks)

