



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Department of HOSPITALITY & Tourism MANAGEMENT

UNIVERSITY EXAMINATION FOR THE:
BACHELOR OF SCIENCE IN TOURISM MANAGEMENT (BSTMS23)
HHT 4208: NATURAL HISTORY OF E.A. FAUNA & FLORA II
END OF SEMESTER EXAMINATION

SERIES: APRIL 2025

TIME: 2 HOURS

DATE: Pick Date Apr 2025

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt Choose instruction.

Do not write on the question paper.

SECTION A (Answer all the questions)

30 POINTS

QUESTION ONE

- 1a) Describe Five unique characteristics of the family Gekkonidae **(5 Marks)**
- 1b) Describe Five characteristics of the Amphibians. **(5 Marks)**
- 1c) Highlight Five types of Snake venoms. **(5 Marks)**
- 1d) Describe Five characteristics of insects belonging to the Order Isoptera **(5 Marks)**
- 1e) Differentiate between a National Park and a National Reserve **(4 Marks)**
- 1f) Identify at least Two reptile species that belong to the following orders **(6 Marks)**
 - i) Colubridae
 - ii) Elapidae
 - iii) Viperidae

SECTION B (Answer only TWO questions)

QUESTION TWO (20 Marks)

2a) Explain Five importance of coral reefs to the marine ecosystems **(10 Marks)**

2b) Describe Five characteristics of the Order Anura. **(10 Marks.)**

QUESTION THREE (20 Marks)

3a) In each case, identify Two species of insects that belong to the following orders. **(10 marks)**

- i) Colioptera
- ii) Lepidoptera
- iii) Diptera
- iv) Orthoptera
- v) Hymenoptera

3b) Giving example in each case, enumerate Five Reef fish fauna families. **(10 Marks)**

QUESTION FOUR (20 Marks)

4a) Giving examples in each case, describe Five types of forests found in Kenya **(10 Marks)**

4b) Highlight Five Phyla that are found among Marine fauna. **(10 Marks)**

QUESTION FIVE (20 Marks)

5a) Describe Five characteristic features of Reptilia **(10 marks)**

5b) Explain Five ecological and economical importance of insects **(10 Marks)**