



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

FIRST YEAR SECOND SEMESTER

**SCHOOL OF NATURAL RESOURCE,
ENVIRONMENTAL STUDIES AND
AGRICULTURE**

**BACHELOR OF SCIENCE IN TOURISM
MANAGEMENT**

COURSE CODE: WRM 1205-1

**COURSE TITLE: ADVANCED NATURAL
HISTORY OF EAST AFRICAN FLORA AND
FAUNA**

DATE: 15/5/2024

TIME: 1430-1630 HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

Section A: Answer all questions (20 marks)

1. Highlight the characteristics that differentiate Superorder Squamata (snakes and lizards) from other reptiles **(3 marks)**
2. Explain the characteristics you would use to differentiate different groups of invertebrates **(5 marks)**
3. a) Explain the factors that made reptiles adapt to terrestrial environments **(3 marks)**
b) Describe the characteristics of phylum Annelida **(5 marks)**
4. Differentiate between frogs and toads in the order Anura **(4 marks)**

Section B: Answer three (3) questions only (30 marks)

5. Discuss the importance of invertebrates to human beings **(10 marks)**
6. Discuss why phylum Arthropoda is the most successful group of invertebrates and occupy every habitat on earth **(10 marks)**
7. Discuss the ecological importance of plants **(10 marks)**
8. Discuss the contribution of flora and fauna to tourism development in Kenya **(10 marks)**

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