

CHUKA



UNIVERSITY

SUPPLEMENTARY/ SPECIAL EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE IN WILDLIFE AND ENTERPRISE MANAGEMENT,
BACHELOR OF SCIENCE IN ECOTOURISM AND BACHELOR OF TOURISM
MANAGEMENT**

WIEM 102: INTRODUCTION TO EAST AFRICA FLORA AND FAUNA

STREAMS: WIEM YISI, BECO, BTOM Y2S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 02/02/2021

8.30 AM – 10.30 AM

INSTRUCTIONS:

Answer **ALL** Questions in **SECTION A** and **ANY TWO** in **SECTION B**
Do not write on the Question paper

SECTION A (30 MARKS)

1. Explain the meaning of the following terms: [5 Marks]
 - a) Taxonomy
 - b) Phyllotaxy
 - c) Adventitious roots
 - d) Endemic
 - e) Invasive plant

2. Highlight five reasons why the East African reptiles and amphibians are important. [5 Marks]

3. Briefly explain five threats facing the East African flora and fauna. [5 Marks]

4. Explain five adaptations of the plants to grow in dry areas in East Africa. [5 Marks]

5. Briefly discuss the social behaviour the African Lion (*Pantheraleo*). [5 Marks]

6. List five reasons why birds sing [5 Marks]

SECTION B: (40 MARKS)

7. Using relevant examples discuss how human activities have influenced the diversity and distribution of plants and animals in East Africa. [20 Marks]
 8. Discuss the values of the East African flora and Fauna [20 Marks]
 9. Suppose you were to walk in wildlife protected area. Discuss the precautionary measure you would take to avoid attack wild animals. [20 Marks]
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