

CHUKA

UNIVERSITY



UNIVERSITY EXAMINATIONS

RESIT/ SPECIAL

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE IN WILDLIFE AND ENTERPRISE MANAGEMENT**

WIEM 102: INTRODUCTION TO EAST AFRICA FLORA AND FAUNA

STREAMS: BSc. WIEM (Y1S2)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 18/11/2020

2.30 P.M. – 4.30 P.M.

**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. Briefly explain five factors influencing the occurrence of high biological diversity in Kenya. (5 Marks)
2. Suppose you came across strange plant in the wilderness. Explain five possible methods you can use to identify and name the plant. (5 Marks)
3. Explain five reasons why birds sing (5 Marks)
4. Explain the meaning of the following terms using one example in each case (5 Marks)
 - a) Precocial young
 - b) Bachelor herd
 - c) Echolocation
 - d) Parental investment
 - e) Home range

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5. Suppose as a team you need to go for field excursion on foot in a wildlife park. Give five safety guidelines you would follow to avoid being attacked by wild animals. (5 Marks)
6. Explain five important guidelines showed when assigning a scientific name to be plant species. [5 Marks]

SECTION B (40 MARKS)

7. Discuss the characteristics of a tropical rain forest. (20 Marks)
 8. Discuss the African lion (panther leo) in terms of: physical characteristics, habitat, reproduction and social behavior. (20 Marks)
 9. Discuss in detail the strategies that can be used to overcome the challenges facing conservation of East African flora and fauna (20 Marks)
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