

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENE IN NATURAL RESOURCES

WIEM 223: WILDLIFE BIOLOGY 1

STREAMS: BSC NARE Y2S2

TIME: 2 HOURS

DAY/DATE: TUESDAY 10/04/2018

2.30 P.M – 4.30 P.M

INSTRUCTION:

- **Answer all questions in section A and any other two in section B**
- **Do not write on the question paper**

SECTION A (30MARKS)

1. (a) List three characteristics of animals in the order monotremata. [3marks]
(b) Name any two animal species in the order indicated in (a) above. [2marks]
2. Explain the social organization in colobid monkeys. [5marks]
3. Highlight three identifying characteristics of the family galoridae. [3marks]
4. Distinguish between the traits of megachiroptera and microchiroptera. [3marks]
5. Describe five characteristics of territories. [5marks]
6. Discuss niche separation among the five common carnivores in the savanna ecosystem. [5marks]
7. Describe the identification characteristics of the family suidae. [4marks]

SECTION B: (40MARKS)

8. Discuss various ways in which the major savanna predators avoid competition. [20marks]
 9. Discuss management issues facing mammals in Kenya. [20marks]
 10. Discuss factors that affect distribution and abundance of mammals species in Samburu National Reserve. [20marks]
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