

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF SCIENCE IN WILDLIFE MANAGEMENT

WIEM 427: WILDLIFE BIOLOGY II

STREAMS: BSC (ENSC)

TIME: 2 HOURS

DAY/DATE: MONDAY 17/12/2018

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- Attempt all questions in section A and any TWO in section B
- Do not write on the question paper

SECTION A (30 MARKS)

1. Briefly discuss challenges facing reptiles [5 marks]
2. Briefly describe thermoregulation in reptiles [5 marks]
3. List four categories of venom in snakes and state their mode of action [5 marks]
4. Citing specific examples, from reptiles and amphibians distinguish, between mimicry and aposematic [5 marks]
5. Briefly describe the various traps that can be used to collect herpetological samples [5 marks]
6. Giving examples, name three orders of amphibians [5 marks]

SECTION B (40 MARKS)

7. Give a detailed account of the various methods you would employ to carry out an inventory of herpetofauna in a newly established terrestrial conservation area.[20 marks]
8. Discuss the importance of reptiles in Kenya [20 marks]
9. Discuss the role of the National Museum of Kenya in conservation and management of reptiles in Kenya [20 marks]