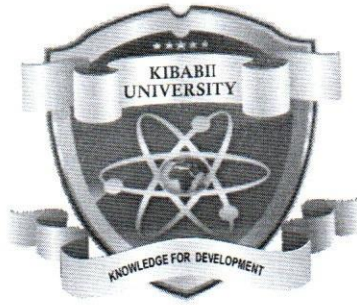


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**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2017/2018 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER EXAMINATIONS**  
**FOR THE DEGREE OF BACHELOR OF SCIENCE IN**  
**BIORESOURCE MANAGEMENT AND CONSERVATION**

**COURSE CODE: SBC 221**

**COURSE TITLE: FIELD HERPETOLOGY**

**DATE: THURSDAY 9<sup>TH</sup> August 2018**

**TIME: 9:00 – 11:00 a.m.**

**INSTRUCTIONS TO CANDIDATES**

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

KIBU observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

### **QUESTION ONE (30MKS)**

- a) i) Define field herpetology (1mk)
- b) Outline the major structural adjustments that occurred in reptiles as the animals moved to land (4mks)
- c) Name four species of crocodiles known (4mks)
- d) State three purposes of venom in snakes (3mks)
- e) Make brief notes on the characteristics of living amphibians (5mks)
- f) Illustrate fundamental characteristics of reptiles (3mks)
- g) Make brief notes on the distribution and abundance of amphibians (5mks)
- h) Highlight five characteristics of the Order Crocodilia (5mks)

### **QUESTION TWO**

Describes a step by step procedure of rearing crocodiles for conservation (20mks)

### **QUESTION THREE**

Discuss major threats to reptile and amphibian populations (20mks)

### **QUESTION FOUR**

Discuss the Evolution of amphibians to their present date (20mks)

### **QUESTION FIVE**

Discuss reptiles under the following headings (20mks)

- a) Respiration
- b) Reproduction