



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER MAIN EXAMINATION

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIORESOURCES
MANAGEMENT AND CONSERVATION**

COURSE CODE: SBC 224

**COURSE TITLE: STRUCTURE AND FUNCTION OF
WILDLIFE HABITAT**

DATE: Monday 6th 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

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

QUESTION ONE

- a) Distinguish between the following terms as used in structure and function of wildlife habitat.
- i) Habitat use and habitat occupancy (2 Mark)
 - ii) Habitat selection and Habitat preference (2 Mark)
 - iii) Habitat improvement and habitat restoration (2 Marks)
- b) Explain the Four classification of food in wildlife diet. (6 Marks)
- c) Outline and explain determinant for an animal's space and home range requirements. (6 Marks)
- d) Identify and describe any **three** types of niches. (6 Marks)
- e) "Large and old tree are better habitats for wildlife "Justify. (6 Marks)

QUESTION TWO

Discuss the main causes of habitat destruction in developing countries. (20 Marks)

QUESTION THREE

In sufficient details, discuss wildlife habitat requirements. (20 marks)

QUESTION FOUR

As a bioresources manager, you have been hired to restore a degraded national park. Step by step describe how you will go about this task. (20 Marks)

QUESTION FIVE

Discuss management practices geared towards wildlife habitat improvement. (20 Marks)