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KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER
MAIN EXAMINATION

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

COURSE CODE: SBC 121
COURSE TITLE: INTRODUCTION TO BIORESOURCE ECOLOGY

DATE: THURSDAY 9TH 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

SECTION A 30 MARKS

QUESTION ONE

- a) Explain the main issues on wildlife during the colonial era **(5marks)**
- b) "Wildlife policy of 1975 did not achieve wildlife protection as such". Explain **(5marks)**
- c) Explain the non-consumptive uses of bioresources **(5marks)**
- d) Explain the rationale behind group ranches in the Kenyan rangelands **(5marks)**
- e) Explain the fact that communal ownership of land is subject to the "tragedy of the common" **(5marks)**
- f) What are the contributions of David Western's era to wildlife conservation in Kenya? **(5marks)**

SECTION B: (40MARKS) ANSWER ANY TWO

QUESTION TWO

Discuss the wildlife policy under the following headings:-

- a) Justification **(5marks)**
- b) Objectives **(5marks)**
- c) Implementation **(5marks)**
- d) Enforcement **(5marks)**

QUESTION THREE

Discuss the behavior of lions under the following headings:-

- i. Ecological requirements **(10marks)**
- ii. Social behavior or organization **(10marks)**

QUESTION FOUR

Discuss the concept of natural areas as applied to wildlife management **(20marks)**

QUESTION FIVE

Discuss the contribution of social sciences to wildlife management in Kenya **(20marks)**