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(Knowledge for development)

**KIBABII UNIVERSITY  
UNIVERSITY EXAMINATIONS  
2017/2018 ACADEMIC YEAR  
THIRD YEAR FIRST SEMESTER**

MAIN EXAMINATION

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

**COURSE CODE : SBC 312  
COURSE TITLE : WILDLIFE AND HABITAT MANAGEMENT**

**DATE:** 9<sup>TH</sup> January 2018

**TIME:** 2:00 -4:00 p.m.

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**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

### QUESTION ONE

- a. Define the following:
  - i. Buffer zones 2marks
  - ii. Wildlife spatial analysis 2marks
  - iii. Habitat fragmentation 2marks
  - iv. Biodiversity 2marks
  - v. Ecological resilience 2marks
- b. Outline the importance of Wildlife management 5 marks
- c. Outline the approaches used in management of wildlife on private lands. 5marks
- d. Outline five strategies employed during establishment of group ranches in Kenya 5marks
- e. Highlight causes of biodiversity loss 5marks

### QUESTION TWO

State and explain the Habitats found in Kenya according to IUCN Protected Areas Categories System 20 marks

### QUESTION THREE

Citing relevant examples discuss social, political and ecological impacts of tourism. 20 marks

### QUESTION FOUR

Discuss the process of habitat restoration. 20 marks

### QUESTION FIVE

Discuss factors that have caused habitat loss and degradation in Kenya wildlife systems 20marks