



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2020/2021 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER SUPPLEMENTARY/SPECIAL EXAMINATIONS

**FOR THE DEGREE OF BACHELOR OF (SCIENCE IN BIORESOURCE
MANAGEMENT AND CONSERVATION)**

COURSE CODE: SBC 422

COURSE TITLE: ADVANCED BIORESOURCES MANAGEMENT

DATE: 19TH JANUARY 2022 TIME: 2.00 – 4.00 PM

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. Define the following terms.

- i. Translocations (2 marks)
- ii. Heritage areas (2 marks)
- iii. Carrying capacity (2 marks)
- iv. Private lands (2 marks)
- v. Natural areas (2 marks)

- b. Outline the main habitat requirements for wildlife (5mks)
- c. Explain the causes of wildlife extinctions (5mks)
- d. Explain the importance of carrying capacity in wildlife management (5mks)
- e. Highlight the role of social sciences in wildlife management (5mks)

QUESTION TWO

Discuss the impacts of tourists' activities on a conservation area (20 marks)

QUESTION THREE

Discuss the underlying causes of desertification in Kenya stating the social and economic consequences (20 marks)

QUESTION FOUR

Discuss the strategies for habitat improvement in Kenya (20 marks)

QUESTION FIVE

Discuss the various laws governing Wildlife Conservation and Management as enshrined in the 2013 ACT (20marks)