



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2020/2021 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER MAIN EXAMINATION

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

COURSE CODE: SBC 422

COURSE TITLE: ADVANCED BIORESOURCES MANAGEMENT

DATE: WEDNESDAY 6TH OCTOBER, 2021 TIME: 2:00 -4:00 P.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. Define the following terms
 - i) Habitat management (2marks)
 - ii) Wildlife range (2 marks)
 - iii) Predator management (2 marks)
 - iv) Dispersal area (2 marks)
 - v) Buffer zone (2 marks)
- b. Highlight the importance of protected areas in wildlife management (5 marks)
- c. Explain the effects of pollution on wildlife bioresources (5 marks)
- d. Explain the role of predators in distribution and abundance of prey (5 marks)
- e. Outline the factors that lead to increased human population (5 marks)

QUESTION TWO

Discuss the challenges facing wildlife conservation in Kenya today (20 marks)

QUESTION THREE

Discuss the factors affecting the distribution and abundance of East African vertebrates (20 marks)

QUESTION FOUR

Intensification of land use in urban areas for informal settlements and agriculture has led to a number of environmental problems. Discuss (20marks)

QUESTION FIVE

Using examples where appropriate, discuss the causes of deforestation in Kenya today stating the social and economic consequences (20 marks)