



(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 426

COURSE TITLE: BIORESOURCES MANAGEMENT AND RURAL
SOCIOLOGY

DATE: 20TH JANUARY 2022 **TIME: 8.00 – 10.00 AM**

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: (10 marks)
- i.) Resource management
 - ii.) Rural sociology
 - iii.) Rangeland management
 - iv.) Wildlife interfaces
 - v.) Environmental degradation)
- b.) Explain the main features of landscape design for wildlife (5 marks)
- c.) Outline the economic and ecological importance of rangelands (5 marks)
- d.) Identify the major conflicts between wildlife and livestock (5 marks)
- e.) Describe the general approaches to improving wildlife and livestock health (5 marks)

QUESTION TWO

Discuss the socio-economic and ecological importance of forests (20 marks)

QUESTION THREE

Discuss natural resource conflicts and their consequences in the rural economy (20 marks)

QUESTION FOUR

Discuss the causes and effects of rangelands degradation in Kenya (20 marks)

QUESTION FIVE

Discuss rangeland management strategies for integration of wildlife and livestock production (20 marks)