



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER SPECIAL/SUPPLIMENTARY EXAMINATION

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

COURSE CODE: SBC 322

COURSE TITLE: BIORESOURCES AND LOCAL COMMUNITIES

DATE: 11th October, 2018

TIME: 8:00 -10:00 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: 3 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

QUESTION ONE

- a) Explain the main characteristics of nomadic pastoralists. (5 Mark)
- b) Describe the relationship between wildlife and livestock. (5 Marks)
- c) Briefly explain “the Tragedy of the Commons” by Hardins 1968. (5 Marks)
- d) Explain the fact that urban development has affected conservation areas in Kenya
(5 Marks)
- e) Why are savannahs grasslands ideal for small herbivores? (5Marks)
- f) Outline any negative effects of bioresources to local communities in Africa.
(5Marks)

QUESTION TWO

Discuss effects of overgrazing on wildlife and pastoral livelihoods. (20 Marks)

QUESTION THREE

Discuss the various ways of estimating wildlife populations in a given conservation area.
(20 marks)

QUESTION FOUR

Discuss the strategies to improve pastoralism in rangelands of Kenya. (20 Marks)

QUESTION FIVE

Discuss various techniques of identifying wildlife. (20 Marks)