



KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2020/2021 ACADEMIC YEAR FIRST YEAR SECOND SEMESTER MAIN EXAMINATION

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

COURSE CODE: SBC 121

COURSE TITLE: INTRODUCTION TO BIORESOURCE ECOLOGY


DATE: Monday 12th July, 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 (COMPULSORY 30 MARKS)

a) Define the following terms

- i. Social Darwinism (2 marks)
- ii. Natural Areas (2 marks)
- iii. National Park (2 marks)
- iv. Conservation Education (2 marks)
- v. Ecological Management (2 marks)

b) Outline the importance of conservation and management of water resources (5 marks)

c) Highlight the environmental effects of industrialization in Kenya (5 marks)

d) State the mandate of the Kenya Wildlife Services. (5 marks)

e) Outline five values of bioresources. (5 marks)

QUESTION TWO

Identify and discuss the factors that affect ecological stability (20 marks)

QUESTION THREE

Discuss protected areas approaches to wildlife management (20 marks)

QUESTION FOUR

Discuss the effects of air pollution on bioresources (20 marks)

QUESTION FIVE

Discuss the consumptive values of bioresources (20 marks)