



KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS SEMESTER 2 - 2020/21 ACADEMIC YEAR FOURTH YEAR SECOND SEMESTER SUPPLEMENTARY EXAMINATION

FOR THE DEGREE OF BACHELOR OF BIORESOURCE CONSERVATION AND
MANAGEMENT

COURSE CODE: SBC 427

**COURSE TITLE: CURRENT AND EMERGING ISSUES IN BIORESOURCE
CONSERVATION AND MANAGEMENT**

DATE: 21ST JANUARY 2022

TIME: 8.00 – 10.00 AM

INSTRUCTIONS TO CANDIDATES

Answer question **ONE [1]** and **ANY** other **TWO [2]** questions

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

Question 1

- a) Outline 5 goals of conservation biology (5 marks)
- b) List 5 challenges facing the discipline of environmental conservation (5 marks)
- c) Discuss the best practices in the management of natural resources that cuts across nations (5 marks)
- d) Discuss the importance of ecological monitoring (5 marks)
- e) Outline 5 international conventions on biodiversity conservation (5 marks)
- f) Describe the effect of climate change and global warming on bioresources (5 marks)

Question 2

Discuss the roles of the following conservation bodies; (20 marks)

- (i) Kenya Wildlife Services
- (ii) Kenya Forest Services
- (iii) Kenya Marine Authority
- (iv) National Environment Management Authority

Question 3

Discuss the importance of creating public awareness on new trends and emerging issues in conservation of resources (20 marks)

Question 4

Using relevant examples describe the various practical solutions to the challenges facing conservation and management of biodiversity in Kenya (20 marks)

Question 5

Discuss the application of remote sensing techniques in monitoring of natural resources (20 marks)