



KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR FIRST YEAR SECOND SEMESTER SPECIAL/SUPPLIMENTARY EXAMINATION

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

COURSE CODE: SBC 121

COURSE TITLE: INTRODUCTION TO BIORESOURCE ECOLOGY

DATE: 18th October, 2018

TIME: 3:00 – 5:00 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. Bioresources (2marks)
- ii. Natural area (2marks)
- iii. Chivalry (2marks)
- iv. National park (2marks)
- v. Habitat (2marks)

- b. Highlight the basic problems of losses to biodiversity (5marks)
- c. Citing relevant examples differentiate between renewable and non- renewable resources (5 marks)
- d. Outline the importance of conservation and management of forest resources (5 marks)
- e. Highlight the environmental effects of rapid urbanization in Kenya (5 marks)

QUESTION TWO

Discuss the importance of protected areas (20 marks)

QUESTION THREE

Discuss the behaviour of African Elephants under the following headings:

- i. Ecological requirements (10 marks)
- ii. Social behavior or organization (10 marks)

QUESTION FOUR

Discuss the impacts of pollution to bioresources in Kenya (20 marks)

QUESTION FIVE

Identify and discuss the factors that influence wildlife population (20 marks)