



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER MAIN EXAMINATION

**FOR THE DEGREE OF BACHELOR OF BIO-RESOURCE
MANAGEMENT AND CONSERVATION**

COURSE CODE: SBC 225
COURSE TITLE: FORESTS AND WILDLIFE – MAIN EXAMS

DATE: TUESDAY 31st July, 2018. **TIME:** 9:00 – 11:00 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: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

1. a) Define the following terms: (5 mks)

i) Forest.

ii) Wildlife.

iii) Conservation.

iv) Natural resource.

v) Biodiversity.

b) Briefly describe vegetation structure and composition. (5 mks)

c) What is species diversity? (5 mks)

d) What is the meaning of the term deforestation? (5 mks)

e) Do you support occurrence of forest fires? Why? (5 mks)

f) What are the key challenges of forest development? (5 mks)

2. Discuss the components of a forest ecosystem. (20 mks)

3. Explain nutrient flow in a forest ecosystem. (20 mks)

4. Write an essay on forest management, objectives, planning and implementation. (20 mks)

5. Discuss wildlife conservation and its economic importance. (20 mks)