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(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER MAIN EXAMINATION

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

COURSE CODE: SBC 422

COURSE TITLE: ADVANCED BIO-RESOURCE MANAGEMENT

DATE: Friday 10th August, 2018.

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

1. a) Define the following terms:

(5 mks.)

i) Green House Gases

ii) Conservation.

iii) Mitigation.

iv) Climate change.

v) Forestry.

b) Explain the importance of wildlife conservation.

(5 mks.)

c) Explain the benefits of forestry to humanity.

(5 mks.)

d) What are the impacts of climate change on water resources?

(5 mks.)

e) Explain the meaning of population limiting factors.

(5 mks.)

f) What are the characteristics of a population?

(5 mks.)

2. Discuss the importance of Mau Forest Complex (MFC).

(20 mks)

3. Conservation of the water towers in Kenya is paramount to livelihoods. Discuss.

(20 mks.)

4. Population growth is controlled by dependent and non-independent factors. Discuss.

(20 mks.)

5. Discuss the causes of climate change?

(20 mks.)