



(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER
MAIN EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF COMMERCE AND BACHELOR
OF BUSINESS MANAGEMENT**

COURSE CODE: SES 123

**COURSE TITLE: FUNDAMENTALS OF ENVIRONMENTAL
SCIENCE**

DATE: 9TH MAY 2022

TIME: 2.00 -4.00 PM

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

- a) Define the following concepts **(10 marks)**
- i) Environmental science
 - ii) Environmental sustainability
 - iii) Environmental law
 - iv) Non-renewable Energy
 - v) Environmental audit
- b) Differentiate between biotic and a biotic factors giving examples in each case **(5 marks)**
- c) Outline the benefits of environmental impact assessment (EIA) **(5 marks)**
- d) Highlight some of the frequently cited multilateral agreement and treaties related to the environment **(5 marks)**
- e) Outline the importance of sustainable development in society **(5 marks)**

QUESTION TWO

Discuss the socio-economic and ecological impacts of environmental degradation in Kenya **(20 marks)**

QUESTION THREE

Discuss the impact of population growth on the environment **(20 marks)**

QUESTION FOUR

Discuss how modernization of agriculture has adversely affected the environment **(20 marks)**

QUESTION FIVE

Discuss the process and importance of environmental impact assessment **(20 marks)**