



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER**

**SCHOOL OF NATURAL RESOURCES,  
ENVIRONMENTAL STUDIES AND  
AGRICULTURE**

**BACHELOR OF SCIENCE IN WILDLIFE  
RESOURCE MANAGEMENT**

**COURSE CODE: BES 1206-1**

**COURSE TITLE: PRINCIPLES OF NATURAL  
RESOURCES MANAGEMENT**

**DATE: 16/5/2024**

**TIME : 1430-1630 HRS**

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## **INSTRUCTIONS TO CANDIDATES**

Answer **All** the Questions in Section A and any **THREE** IN SECTION B  
*This paper consists of TWO printed pages. Please turn over*

## **SECTION A (20 MARKS)**

1. Define the following terms;
  - a. Biodiversity **(2 Marks)**
  - b. Natural Resources Management **(2 Marks)**
  - c. Conservation **(2 Marks)**
2. Explain two key principles of integrated natural resources management **(4 Marks)**
3. Define the term natural resources and provide two examples of renewable and non-renewable resources **(6 Marks)**
4. Briefly explain the principles of sustainability in natural resources management **(4 Marks)**

## **SECTION B: ANSWER ANY THREE QUESTIONS (30 MARKS)**

5. Discuss the factors that affect the population growth of wildlife species in East Africa **(10 Marks)**
6. Discuss the food habits and habitat requirements of grazers and browsers **(10 Marks)**
7. Discuss the role of community engagement in integrated natural resources management **(10 Marks)**
8. Using examples, discuss the concept of ownership regimes in Kenya in the context of natural resources **(10 Marks)**

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