



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2023/2024 ACADEMIC YEAR  
FOURTH YEAR FIRST SEMESTER**

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

**BACHELOR OF ARTS (GEOGRAPHY AND  
GEOSPATIAL TECHNIQUES) AND BACHELOR  
IN EDUCATION**

**COURSE CODE: GEO 4149-1  
COURSE TITLE: ENVIRONMENTAL  
MANAGEMENT**

**DATE: 5<sup>TH</sup> DECEMBER, 2023**

**TIME: 0830-1030 HRS**

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**INSTRUCTIONS TO CANDIDATES**

***Answer question ONE and any other TWO Questions***

***Use illustrations where appropriate.***

*This paper consists of 2 printed pages. Please turn over*

1. a. Justify why the management of the environment is important (5 marks)
- b. Using illustrations show how the environment affect humans directly (6 marks)
- c. Describe the main ethical basis of environmental attitudes and their link to moral responsibility (9 marks)
2. Examine the extent to which the Constitution of Kenya (2010) has offered itself in the management of the country's environment (15 marks)
3. Describe areas to which the conservation of marine ecosystem commonly experiences significant challenge and suggest strategies to ameliorate them (15 marks)
4. a. Distinguish between an endangered species and a threatened species (3marks)
- b. Demonstrate how the problems related to policy and law act as sources of human-wildlife conflicts in Kenya (12 marks)
5. Determine the anthropogenic sources of Greenhouse gases, and describe their effect on the environment and the strategies that can be applied to counter their disastrous character (15 marks)

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