MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
SECOND YEAR FIRST SEMESTER

SCHOOL OF NATURAL RESOURCE, ENVIRONMENTAL STUDIES AND AGRICULTURE

UNIVERSITY COMMON COURSE

COURSE CODE: BES 2100-1
COURSE TITLE: ENVIRONMENTAL SKILLS

DATE: 4/7/2023   **TIME: 1100-1300 HRS**

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

This paper consists of 2 printed pages. Please turn over

1. a. By use of examples, explain the following terms and concepts
   i.   Environmental conservation   (3 Marks)
   ii.   Total environment   (4 Marks)
   iii. Endemic species   (2 Marks)
   iv.   Pillars of sustainable development   (3 Marks)
   v.   Carbon footprint   (3 Marks)
   b. Citing relevant examples, describe Environmental Impact Assessment (EIA) as an environmental management tool
                                                      (5 Marks)
   c. Briefly explain the benefits and limitations of polluter pay principle
                                                      (10 Marks)
2. The Kenyan Government has adopted Sustainable Development Goals (SDGs). Giving examples discuss the following SDGs and show how the Kenyan government is implementing them.
   i.   Climate Action - Goal No 13   (6 Marks)
   ii.   Affordable and clean energy – Goal No. 6   (4Marks)
3. Using a case of your County, discuss five reasons why trees must be valued as a critical part of the solution to the climate crisis   (10Marks)
4. The outcome of African Climate Summit 2023 was documented in Nairobi Declaration on Climate Change. Explain five things that this summit has advocated   (10 Marks)
5. Basing your argument in the Kenyan biodiversity, critically examine the causes of environmental degradation   (10 Marks)

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