



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCE, TOURISM  
AND HOSPITALITY**

**COMMON COURSE FOR STUDENTS IN  
DEPARTMENT OF ENVIRONMENT, GEOGRAPHY  
AND PLANNING**

**COURSE CODE: BES 1105-1/EPM 1103-1**

**COURSE TITLE: ENVIRONMENT AND  
DEVELOPMENT**

**DATE: 5/2/2024**

**TIME: 1430-1630 HRS**

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**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions in section **A** and any other **TWO** in section **B**.

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

**SECTION A: Answer all questions (20mks)**

1. Define the term "environment" and indicate its influence on the development of living organisms, including humans. **(3 marks)**
2. State four **(4)** segments of the environment and briefly describe their significance. **(4 marks)**
3. Describe the significance of each of the following guiding principles of environmental management? **(3 marks)**
  - a. Precautionary Principle
  - b. Polluter Pays Principle
  - c. Inter-/Intra- generational equity
4.
  - a. Explore the five **(5)** environmental implications of 'population growth influx coupled up with and high rates of urbanization.' **(5 marks)**
  - b. State the three **(3)** challenges and two **(2)** potential solutions associated with these issues. **(5 marks)**

**SECTION B: Answer any 3 questions (30mks)**

5.
  - a. Using examples, explain the historical context of the man-nature relationship and how early civilizations/ indigenous cultures' viewed the environment. **(5 marks)**
  - b. Show how the Industrial/Agrarian Revolution and other technological advancements changed the way humans interacted with the environment? **(5 marks)**
6. Describe key functions of the **IUCN** (International Union on Conservation of Nature), **UNEP** (United Nations Environmental Program) & **WMO** (World Meteorological Organization) as a framework for sustainable development. **(10 marks)**

7.

a. Discuss the key principles outlined in the Stockholm Declaration after Stockholm Conference of 1972, and indicate their contribution to environmental management? **(5 marks)**

b. Discuss the five **(5)** key outcomes outlined in the Rio Declaration after Rio Conference of 1992. **(5 marks)**

8. Over the last six decades, Kenya has faced numerous environmental challenges, yet it has also made significant strides in environmental conservation. Discuss the notable progress (in terms of key initiatives/projects, policies/laws, or practices) that Kenya has achieved in safeguarding its environment and natural resources during this time.

**(10 marks)**

**/END/**