



# **MAASAI MARA UNIVERSITY**

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

**SCHOOL OF NATURAL RESOURCES,  
ENVIRONMENTAL STUDIES AND  
AGRICULTURE  
BACHELOR OF URBAN AND REGIONAL  
PLANNING**

**COURSE CODE: URP 1211-1  
COURSE TITLE: PLANNING FOR CLIMATE  
CHANGE ADAPTATION AND MITIGATION**

**DATE: 16/5/2024**

**TIME: 0830-1030 HRS**

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**INSTRUCTIONS TO CANDIDATES**

*Answer Question ONE and any other THREE questions*

*Use illustrations where appropriate*

## SECTION A (20 MARKS)

Q1

- a) Explain what you understand by 'climate change mitigation' (2 marks)
- b) Differentiate between climate change adaptation and climate change mitigation (3 marks)
- c) Explain how growing more trees in the country can help in the fight against climate change (5 marks)
- d) Discuss the strategies in the agriculture sector that can be applied in climate change adaptation in Kenya (5 marks)
- e) Citing relevant examples, explain the concept of green economy (2 marks)
- f) Discuss the following principles of green economy;
  - a) The Planetary Boundaries Principle (3 marks)

## SECTION B (30 MARKS)

- 2. Discuss the climate change mitigation strategies applicable to the water sector of the economies of developing countries (10 marks)
- 3. As an environmental expert in your County, explain how to ensure food security in the light of climate change (10 marks)
- 4. Discuss the viability of electric automobiles as an intervention to adverse negative impacts of climate change (10 marks)
- 5. Using relevant examples, discuss how Micro, Small and Medium size Enterprises (MSMES), can be used as an effective strategy to adaptation and mitigation of climate change (10 marks)

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