



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER

**SCHOOL OF TOURISM & NATURAL RESOURCES
MANAGEMENT**

**BACHEOR OF SCIENCE (WILDLIFE RESOURCE
MANAGEMENT)**

COURSE CODE: WRM 2212-1

COURSE TITLE: WETLAND CONSERVATION

DATE: 23RD APRIL 2024

TIME: 08:30- 10:30 AM

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in Section A, and any **THREE** questions in Section B

This paper consists of 2 printed pages. Please turn over

Section A: Answer ALL questions (20 marks)

1. Define the following terms as used in Wetland conservation
 - a) Wetland inventory (2 marks)
 - b) Constructed wetland (2 marks)
2. Describe the meaning of estuarine wetlands (2 marks)
3. Explain **two** ways wetland buffers help conserve wetlands (4 marks)
4. Describe **two** (2) indicators of wetland hydrology (4 marks)
5. Explain **three** distinctive features of wetlands (6 marks)

Section B: Answer any THREE questions (30 marks)

QUESTION ONE

The government of Narok County is in the process of restoring the degraded wetlands in the county. As a wetlands expert, you have been selected to lead the team tasked with the restoration. Describe five principles to guide the team in the restoration. (10 marks)

QUESTION TWO

Describe adaptations of wetland organisms (10 marks)

QUESTION THREE

- a) Explain ways by which nutrients enter into wetlands (2 marks)
- b) Discuss anthropogenic threats facing wetlands in Kenya (8 marks)

QUESTION FOUR

‘Wetlands are not wastelands’. With respect to the hydrological roles of wetlands, discuss this statement (10 marks)

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