



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER**

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

**CERTIFICATE IN TOURISM AND WILDLIFE  
MANAGEMENT**

**COURSE CODE: CTW 015**

**COURSE TITLE: INTEGRATED COASTAL ZONE  
MANAGEMENT**

**DATE: 20/5/2024**

**TIME: 0830-1030 HRS**

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## **INSTRUCTIONS TO CANDIDATES**

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

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

### **SECTION A (25MKS)**

1. What is integrated coastal zone management? (2mks)
2. Describe five importance of managing coastal zones. (5mks)
3. What are the characteristics of mangrove communities? (3mks)
4. Define the following terms:
  - a) Estuaries (2mks)
  - b) Sea-grass beds (2mks)
  - c) Mangrove forests (2mks)
  - d) Coral reefs (2mks)
  - e) Rocky shores (2mks)
5. How is managing coral reefs beneficial to aquatic ecosystem and to communities? (5mks)

### **SECTION B (45MKS)**

6. (a) Discuss the social and economic importance of coastal resources provide to communities in Malindi town (10mks)  
(b) what is the ecological role of mangrove forests (5mks)
7. As a wildlife student, how can you support management and protection of coastal resources from over-exploitation? (15mks)
8. Describe the legal and institutional framework responsible for management of coastal zones (15mks)
9. Discuss the impacts of coastal erosion on coastal communities (15mks)

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