



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 012

COURSE TITLE: PROTECTED AREA MANAGEMENT

DATE: 13/5/2024

TIME: 0830-1030 HRS

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: Answer all questions (25 marks)

1. Define the following terms as used in wildlife and biodiversity conservation
(4marks)
 - i. Protected area
 - ii. Buffer zone
 - iii. Wildlife corridor
 - iv. Management plan
2. Name four categories of protected areas according to IUCN **(4marks)**
3. International treaties, conventions, and agreements play a crucial role in guiding the management and conservation of protected areas worldwide. Name any five of these legal instruments for biodiversity conservation. **(5marks)**
4. State Five roles of protected areas in wildlife and biodiversity conservation
(5marks)
5. State Four advantages of having a management plan for a protected area
(4marks)
6. List any three management strategies that can be used in a management plan to achieve conservation objectives **(3marks)**

Section B: Answer any three questions (45 marks)

7. The process of identifying and selecting protected areas is crucial for effective conservation planning and management. Discuss factor to consider for identification and selection of protected areas? **(15marks)**
8. Discuss the theory of Island biogeography with emphasis on the **basic principles** and **key concepts** **(15marks)**
9. Discuss in details how size and design of a protected area contribute to effectiveness of a protected area in conserving biodiversity and ecosystems?
(15marks)
10. You are tasked to lead a team in development of a management plan. Explain components you would consider in the management plan
(15marks)

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