



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

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

**BACHELOR OF SCIENCE IN WILDLIFE
MANAGEMENT/BACHELOR OF SCIENCE IN
ANIMAL HEALTH AND PRODUCTION**

COURSE CODE: WRM 4133-1

COURSE TITLE: WILDLIFE UTILIZATION

DATE: 7/12/2023

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 (20 marks)

- 1) (a) Define game hunting **(1 mark)**
(b) State and explain the importance of game hunting **(2 marks)**
- 2) Define the following terms **(5 marks)**
(I) Game culling; (II) Consumptive wildlife utilization; (III) Game farming;
(IV) Intensive wildlife husbandry; (V) Game ranching
- 3) Briefly explain the contributions of wildlife to rural development **(4 marks)**
- 4) (a) List down the main objectives of carrying out game cropping **(2 marks)**
(b) Highlight 3 conditions under which a wildlife user right may be withdrawn **(3 marks)**
- 5) State any THREE (3) reasons why Kenya's wildlife policy on revenue sharing is largely ineffective as an incentive for local communities to conserve wildlife **(3 marks)**

SECTION B (30 MARKS)

- 6) Discuss the advantages and disadvantages of wildlife ranching as compared to livestock husbandry **(10 marks)**
- 7) Discuss the arguments for and against consumptive wildlife utilization in conservation circles in Kenya today **[10 marks]**
- 8) (a) Define what you understand by the concept of Maximum Sustained Yield (MSY) and explain at what point on the logistic growth model is harvesting of a population desirable and why? **(6 marks)**
(b) Discuss the limitations of the MSY concept in managing natural populations **[4 marks]**
- 6) Using specific examples, discuss how wildlife resource can be utilized for economic development **(10 marks)**

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