



MAASAI MARA UNIVERSITY

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

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

**BACHELOR OF SCIENCE IN ANIMAL HEALTH
AND PRODUCTION**

COURSE CODE: AHP 2110-1

**COURSE TITLE: PRINCIPLES OF RANGE
MANAGEMENT**

DATE: 5/12/2023

TIME: 0830-1130 HRS

INSTRUCTIONS TO CANDIDATES

Answer ALL questions

This paper consists of 2 printed pages. Please turn over

RANGE MANAGEMENT [120 Marks]

1. a) Define the following terms commonly used in rangeland management: **[10 Marks]**
 - a. Range lands
 - b. A biome
 - c. A habitat.
 - d. Carrying capacity.
 - e. Increaser.

b) Discuss the factors that affect diet selection in grazing Animals.

(10 marks)
2. With the help of a clear well labeled diagram, illustrate the hydrological cycle. **(20 Marks)**
3. Discuss some of the tools and strategies one can employ in managing livestock distribution in rangelands. **(20 Marks)**
4. List and briefly explain the grazing systems used on rangelands.

(20 Marks)
5. Discuss the strategies for conflict management in natural resource management in the rangelands **(20 Marks)**
6. Discuss the importance of range lands **(20 Marks)**

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