



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
THIRD YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL RESOURCE
MANAGEMENT
BACHELOR OF SCIENCE (WILDLIFE
MANAGEMENT)**

**COURSE CODE: WLM 348
COURSE TITLE: RANGE MANAGEMENT**

DATE: 24TH APRIL, 2018

TIME: 1100 - 1300HRS

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. List and briefly explain the Vegetation attributes commonly measured in rangeland inventory and monitoring programs
(5Marks)
2. Briefly discuss the Impacts of grazing on rangelands vegetation
(5Marks)
3. Give the advantages of range improvement and rehabilitation programs
(5 Marks)
4. Soils reflect the influence of climate, parent material, topography, time and living organism's rangeland vegetation. Briefly Explain
(5 Marks)
5. What are the factors that influence the effectiveness of rainfall in rangelands?
(5 Marks)

SECTION B: ANSWER THREE (3) QUESTIONS ONLY (45 Marks)

6. Discuss the characteristics of rangelands
(15 Marks)
7. Give guidelines required before the application of any form of rangeland improvement
(15 Marks)
8. **Discuss the** economic and ecological value of rangeland biodiversity?
(15 Marks)
9. Traditionally established and maintained reserves and protected areas have been shown to significantly support the maintenance of biological diversity, sustainable land use and the preservation of important elements of traditional cultures, Discuss **(15 Marks)**

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