



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR
FIRST YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCES
CERTIFICATE IN TOURISM AND WILDLIFE
MANAGEMENT**

COURSE CODE: CTW 009

COURSE TITLE: RANGE ECOLOGY MANAGEMENT

DATE: 13TH DECEMBER, 2019

TIME: 1430 - 1630HRS

INSTRUCTIONS TO CANDIDATES

Answer Question **ONE** and any other **THREE** Questions

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

QUESTION ONE

1. Define the following terms: (10mks)
- a) Range ecology
 - b) Range Management
 - c) Rangeland
 - d) Ecological site
 - e) Desert
- b. List four types of deserts in the world. (3 marks)
- c. Discuss the roles of plants to rangelands (12 marks)

Question Two

- a) Name the 5 major rangeland types of the world (5 marks)
- b) Rangelands are frequently characterized as unsuitable for cultivation due. Why? (5 marks)
- c) Give five (5) general characteristics of rangelands (5 marks)

QUESTION THREE

- a) Characteristics of rangelands are determined by 5 basic “**controlling factor**”. Which are these (5 marks)
- b) Rangelands provide valuable ecosystem services. Which are these – give 10 of these services (10 marks)

QUESTION FOUR

- a) State four (4) rangeland resources (4 marks)
- b) Rangelands have different types of plants. Explain them while giving examples (6 marks)
- c) Describe the roles of plants to animals in rangelands (5 marks)

QUESTION FIVE

- a) Name five (5) types of rangelands in the world (5mks)
- b) Describe five (5) types of grasslands and give examples in each type. (10 marks)

//END