



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2018/2019 ACADEMIC YEAR  
FIRST YEAR FIRST SEMESTER**

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

**COURSE CODE: CTW 009**

**COURSE TITLE: RANGE ECOLOGY MANAGEMENT**

**DATE: 29. 4. 2019**

**TIME: 2.30PM – 4.30PM**

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**INSTRUCTIONS TO CANDIDATES:**

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

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

## **SECTION A: ANSWER ALL QUESTIONS (25MKS)**

### **QUESTION ONE**

a. Define the following terms: **(10Mks)**

- i. Range Management
- ii. Ecological site
- iii. Range ecology
- iv. Rangeland
- v. Desert

b. Give five (5) types of rangelands in the world **(5mks)**

c. Name ten valuable ecosystem services provided by Rangelands **(10Mks)**

## **SECTION B: ANSWER ANY THREE QUESTIONS (45MKS)**

### **QUESTION TWO**

- a) Characteristics of rangelands are determined by 5 basic 'controlling factor'. Which are these **(5Mks)**
- b) Rangelands are frequently characterized as unsuitable for cultivation. Why? **(5Mks)**
- c) Give five (5) general characteristics of rangelands **(5Mks)**

### **QUESTION THREE**

- a) Describe five (5) types of grasslands and give examples in each type. **(10Mks)**
- b) Name the 5 major rangeland types of the world **(5Mks)**

### **QUESTION FOUR**

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

### **QUESTION FIVE**

- a) List four types of deserts in the world **(3Mks)**
- b) Discuss the roles of plants to rangelands **(12Mks)**

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