



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)
SCHOOL OF AGRICULTURE, VETERINARY SCIENCES AND
TECHNOLOGY (SAVET)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR SEMESTER TWO**

**MAIN EXAMS
OF
SAR AND SAM**

COURSE CODE: AEC 407/417

COURSE TITLE: NATURAL RESOURCE MANAGEMENT

DATE: 23/4/2024

TIME: 8-10 AM

INSTRUCTIONS TO CANDIDATES

This paper is divided into two sections, **A and B**. Answer ALL Questions in SECTION A and any Two in SECTION B

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over

SECTION A 30 MARKS

Q1a) Explain the meaning of the following terms as used in Natural resource management

(5mks)

- i. Environmental resources
- ii. Reserve
- iii. Renewable resources
- iv. Resource management
- v. Recycling

b) With examples, differentiate between renewable resources from non – renewable resources

(10 mks)

c) Discuss any three methods of resource conservation

(15mks)

SECTION B 40 MARKS

Q2a) Discuss five types of values assigned to resources

(15mks)

b) Distinguish anthropocentric values from economic environmental values

(5 mks)

Q3 a) Explain the concept of bubble trend of resource depletion

(10mks)

b) Discuss sustainable resource utilization by citing specific resources

(10 mks)

Q4a) Explain the meaning of biodiversity

(2mks)

b) Discuss biodiversity under the following headlines:

(18mks)

- i. Consumptive
- ii. Productive use
- iii. Medicine
- iv. Cultural, social and ethical values
- v. Aesthetic value
- vi. Materials

