



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2018/2019 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATIONS

FOR

**BACHELOR OF SCIENCE IN DISASTER MANAGEMENT AND
HUMANITARIAN ASSISTANCE**

COURSE CODE: DEM 108

COURSE TITLE: INTRODUCTION TO DISASTER THEORY

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Answer Question 1(ONE) and any other TWO Questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

QUESTION ONE

a) Define the following concepts

(10 Marks)

- vi. Vulnerability
- vii. Disaster
- viii. Risk Transfer
- ix. Resilience
- x. Acceptable Risk

b) Discuss the characteristics of hazards

(10 Marks)

c) Discuss at three types of natural disasters

(10 Marks)

QUESTION TWO

With the aid of a diagram illustrate the Disaster cycle

(20 Marks)

QUESTION THREE

- iii. Briefly discuss important factors to consider on how to communicate during disasters and Emergencies (12 marks)
- iv. Highlight Actions that can support community-led, risk informed decision-making in Disaster Situations (6 marks)

QUESTION FOUR

Discuss four priority action areas for the Sendai Framework

(20 Marks)

QUESTION FIVE

With the aid of a diagram, discuss the disaster cycle

(20 Marks)

QUESTION SIX

Using relevant examples, discuss the classifications of natural disasters based on

- iii. Speed of onset (8 Marks)
- iv. Origin (12 Marks)