



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

MAIN EXAMINATIONS

2021 / 2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATIONS

FOR

CERTIFICATE IN SECURITY AND INTELLIGENCE STUDIES

COURSE CODE: CES 001

COURSE TITLE: INTRODUCTION TO DISASTERS

DATE: 21/01/2022

TIME: 2-4PM

INSTRUCTIONS TO CANDIDATES

Answer QUESTION 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) With examples, differentiate between hazards and disasters. (5marks)
- b) Using a well labelled diagram, discuss the disaster cycle. (10marks)
- c) Development increases disaster vulnerability and also reduces disaster vulnerability. Discuss. (15marks)

Question TWO

- a) Discuss the economic and social impacts of disasters to the community. (10marks)
- b) Discuss the various human activities that increase community's exposure to disasters. (10marks)

Question THREE

Discuss the various roles of the security forces in the preparedness, emergency, recovery and mitigation phases of disaster management. (20 Marks)

Question FOUR

Explain the various causes of human induced disasters that may increase insecurity the society. (20 Marks)