



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

**UNIVERSITY MAIN EXAMINATIONS
2022/2023 ACADEMIC YEAR**

FIRST YEAR FIRST SEMESTER

MAIN EXAMS

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN DISASTER RISK AND
SECURITY INTELLIGENCE MANAGEMENT**

COURSE CODE: DIM 107

COURSE TITLE: INTRODUCTION TO DISASTER RISK SCIENCE

DATE: 14/4/2023

TIME: 3-5 PM

INSTRUCTIONS TO CANDIDATES

Answer QUESTION ONE (Compulsory) and any other TWO questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating.

QUESTION ONE

In the wake of climate change disasters, with relevant examples, apply and discuss the following concepts:

- i. Disaster
- ii. Vulnerability
- iii. Coping
- iv. Prevention
- v. Early warning
- vi. Risk Reduction

QUESTION TWO

Using an illustration of the disaster cycle, apply the various phases to climate change disasters.

QUESTION THREE

Discuss the relationship between impacts of climate change disasters and intelligence aspects of human security.

QUESTION FOUR

Using relevant examples, discuss any 3 slow onset disaster events in Kenya and their effects on security.