



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

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

FIRST YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF**

**MASTER OF ARTS IN GEOGRAPHY
MAIN EXAM**

COURSE CODE: GEO 829

**COURSE TITLE: ADVANCED NATURAL HAZARDS AND DISASTER
MANAGEMENT**

DATE: Thursday, 21st April, 2022

TIME: 9:00-12:00PM

INSTRUCTIONS TO CANDIDATES

Answers question ONE and any other THREE questions.
Use illustrations wherever appropriate.

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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

Question ONE

Explain the Disaster Impact activities which were possibly carried out during the emergency response to the Madagascar cyclone *Batsirai* which wrought havoc across the country in February 2022. (15 marks)

Question TWO

Classify the following disasters which recently took place in the world highlighting their causal factors;

- a) Brazilian mudslide of Petropolis of 17th February 2022.
- b) The ongoing Russian-Ukrainian conflict. (15marks)

Question Three

Critically examine the mitigation measures which have been taken to lessen the Spread of COVID -19 in Kenya. (15 Marks)

Question Four

Describe the role of the Red Cross and the Red/White Crescent which offer Assistance when disasters strike in any part of the world. (15 Marks)

Question Five

Evaluate the activities of the National Disaster Operation Centre through the appropriate agencies to contain the road carnage in Kenya in the last five years. (15marks)

Question Six

Discuss the strategies of the Sendai Framework of Action to reduce disaster risks in the world. (15 marks)