



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DEGREE

OF

**DOCTOR OF PHILOSOPHY IN DISASTER MANAGEMENT AND
SUSTAINABLE DEVELOPMENT**

COURSE CODE: DSM 902

**COURSE TITLE: EDUCATION, TRAINING AND
AWARENESS**

DATE: 21/04/2022

TIME: 9 -12 NOON

INSTRUCTIONS TO CANDIDATES

This paper contains **FIVE** Questions

Answer any **FOUR** questions

TIME: 3 HOURS

MMUST observes **ZERO** tolerance to examination cheating

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

Question ONE

- (a) Explain the following terminologies in relation to Disaster Risk Reduction:
- (i) Instruction **(2 marks)**
 - (ii) Teaching **(2 marks)**
 - (iii) Learning **(2 marks)**
- (b) Discuss the institutional role of education in society from the Functionalist and Conflict perspectives. **(9 marks)**

Question TWO

- (a) Discuss the role of effective Technology transfer and diffusion in awareness creation and education on Disaster preparedness and mitigation. **(10 marks)**
- (b) Explain the nature of local participation in the transfer of disaster technology. **(5 Marks)**

Question THREE

- (a) Explain the meaning of Disaster Risk Reduction. **(3 Marks)**
- (b) Discuss the various approaches to achievement of Disaster Risk Reduction (DRR) in communities. **(12 marks)**

Question FOUR

Discuss the frameworks for the relationship between activities on education for sustainable development and mitigation of disasters. **(15 marks)**

Question FIVE

Children engage in disaster risk reduction through informal education that introduce knowledge, skills and competencies to pupils in many ways. Discuss. **(15 Marks)**