



(University of Choice)

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

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

MAIN

FIRST YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE OF
MASTER OF SCIENCE IN DISASTER MANAGEMENT AND SUSTAINABLE
DEVELOPMENT
MASTER OF SCIENCE IN DISASTER PREPAREDNESS AND ENGINEERING
MANAGEMENT**

CODE : DSM 807

COURSE TITLE : DISASTER IMPACT EVALUATION AND RECOVERY

DATE: 25/04/2022

TIME: 9 – 12 NOON

INSTRUCTIONS TO CANDIDATES

1. This paper consists of **FIVE (5)** questions
2. Answer any **FOUR (4)** QUESTIONS
3. Each question carries **20** marks

TIME: 3 Hours

**MMUST observes ZERO tolerance in examination cheating
This Paper consists of 2 printed pages, Please Turn Over**



QUESTION ONE

- (a) Explain the term 'Disaster Assessment. **(5 Marks)**
- (b) Evaluate the elements of disaster Assessment. **(15 Marks)**

QUESTION TWO

Interpret the objectives of Disaster Assessment. **(20 Marks)**

QUESTION THREE

Summarize the major strengths and weaknesses of DALA and KIRA tools in relation to their use in disaster Impact Evaluations. **(20 Marks)**

QUESTION FOUR

Supposing you are part of a team requested to prepare a Flood Hazard Assessment report on a recent flooding episode in Budalangi area. Explain the goal of Flood Hazard Assessment and prepare the report using the Flood Hazard Assessment tool. **(20 Marks)**

QUESTION FIVE

Discuss the challenges commonly encountered by disaster managers in producing an accurate, creditable and actionable disaster impact evaluation report. How can these challenges be overcome? **(20 Marks)**