

110



(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

(Main Campus)

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER MAIN EXAMINATIONS

FOR THE DEGREE OF

BACHELOR OF SCIENCE IN DISASTER PREPAREDNESS AND ENVIRONMENTAL TECHNOLOGY

BACHELOR OF SCIENCE IN DISASTER MITIGATION AND SUSTAINABLE DEVELOPMENT

BACHELOR OF SCIENCE IN DISASTER MANAGEMENT AND CONFLICT RESOLUTION

BACHELOR OF SCIENCE IN DISASTER MANAGEMENT AND HUMANITARIAN ASSISTANCE

COURSE CODE: DPE 400

COURSE TITLE: POST DISASTER REHABILITATION AND RECONSTRUCTION

DATE: 06/12/2023

TIME:

12-2PM

Instructions to Candidates

- This paper contains FOUR (4) questions
- Answer ALL questions in Section A and ANY TWO (2) in Section B

MMUST observes ZERO tolerance to examination cheating

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

SECTION A: Answer ALL questions [30 Marks]

Question 1

- a) The consequences of disasters are particularly adverse on certain vulnerable groups such as those below poverty levels with poor perception of risk and no institutional support. Records of past disasters suggest that there are groups of people that are particularly at risk and require special attention. Discuss. (10 marks)
- b) As a disaster manager it is very critical that you assess and establish disaster generated risks and vulnerabilities during the post disaster rehabilitation and reconstruction period. Discuss seven (7) key elements of risk and vulnerability indicators to assess. (14 marks)
- c) State any **six (6)** ways on how one can establish psychosocial effects on children after a disaster (6 marks)

SECTION B: Attempt any TWO questions

Question 2

- a) During reconstruction and rehabilitation, the first issue that comes into picture is to provide housing for all the survivors of a natural disaster. You have been tasked by the Kenyan government to select a site for housing disaster affected community. Discuss the factors you will consider when selecting a house site. (10 marks)
- b) Discuss the type of infrastructural facilities needed in a disaster affected area? (10 marks)

Question 3

- a) Discuss the three types of rehabilitation. (6 marks)
- b) Reconstruction and rehabilitation should be viewed basically as developmental activities to be taken up in extreme demand conditions such as in the aftermath of disasters. During this phase economic rehabilitation of the affected community is very key. Discuss all the sub-components of economic rehabilitation. (14 marks)

Question 4

- a) You have been chosen by the UN to lead a recovery team after an earthquake that has hit Morocco. Discuss the five (5) problematic areas that you are likely to encounter while carrying out the disaster recovery. (12 marks)
- b) You have been tasked by the Kenyan government to oversee humanitarian supplies. Discuss key considerations for assessing access to basic goods and services for the disaster affected populations. (8 marks)