



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

MAIN CAMPUS

SPECIAL/SUPPLEMENTARY UNIVERSITY EXAMINATIONS

2018/2019 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATIONS

MAIN EXAMINATION

MASTER OF SCIENCE IN DISASTER MANAGEMENT AND HUMANITARIAN ASSISTANCE

COURSE CODE: DEM 809

COURSE TITLE: DISASTER THEORY

DATE: 24/9/2019

TIME: 2 – 5PM

INSTRUCTIONS TO CANDIDATES

Answer any **THREE (3)** questions

All questions contain the same marks

TIME: 3 HOURS

MMUST observes **ZERO** tolerance to examination cheating

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

Question ONE

- (a) What is disaster assessment? (2marks)
- (b) Explain the purposes and objectives of disaster assessment (10marks)
- (c) Discuss categorically some of the prevailing conditions in many of the developing countries that render them vulnerable to natural disasters. (8 marks)

Question TWO

- (a) Discuss characteristics that are used to define a hazard (10 marks)
- (b) Hazard mapping has numerous advantages. Discuss (10 marks)

Question THREE

- (a) Discuss the elements of disaster assessment (12marks)
- (b) The Kenya Initial Rapid Assessment (KIRA) is a multi-sector, multi-agency mechanism whose purpose is to provide a fast overview of a humanitarian situation in Kenya. Discuss the main elements upon which KIRA is developed (8 marks)

Question FOUR

- (a) Define contingency planning as used in disaster management (2 marks)
- (b) Discuss the purpose of contingency planning (10 marks)
- (c) The main goal of contingency planning is to restore normalcy in community life and livelihood with minimum cost and disruption. Discuss the benefits of contingency planning (5marks)
- (d) As a disaster manager in Kakamega County you are charged with the responsibility of contingency planning for drought. What would be the contents of your contingency plan (3 marks)