



(University of Choice)

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

**MAIN**

**UNIVERSITY EXAMINATIONS  
2021/2022 ACADEMIC YEAR**

**SECOND TRIMESTER MAIN EXAMINATIONS  
FOR THE CERTIFICATE  
OF  
DISASTER MANAGEMENT**

**COURSE CODE: CDM 017**

**COURSE TITLE: INTRODUCTION TO DISASTER EPIDEMIOLOGY AND  
HEALTH MANAGEMENT**

**DATE: 28/04/2022**

**TIME: 3-5PM**

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**INSTRUCTIONS TO CANDIDATES**

Answer question ONE (COMPULSORY) and any OTHER TWO questions

TIME: 2 HOURS

### **Question ONE**

- a) Briefly explain the following terms:
- i) Disaster epidemiology (2MKS)
  - ii) Sanitation (2MKS)
- b) Briefly outline the importance of disaster epidemiology. (6MKS)
- c) What are the factors that can influence the effects a disaster may have on a community or region? Explain ( 5MKS)
- d) What are sphere standards in the context of disaster management? (15MKS)

### **Question TWO**

A disaster has occurred within a certain community and you have been called upon to carry out the role of a disaster epidemiologist. What are the challenges are you likely to encounter when carrying out the assignment. (20MKS)

### **Question THREE**

Explain the epidemiologist's role during each phase of the disaster cycle. (20MKS)

### **Question FOUR**

As a disaster epidemiologist, discuss what preventive measures should be applied by workers in the field. (20mks)