



(University of Choice)

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

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER MAIN EXAMINATIONS

FOR THE BACHELOR OF SCIENCE

IN

DISASTER MITIGATION AND SUSTAINABLE DEVELOPMENT

COURSE CODE: DSM 306

COURSE TITLE: DISASTER LOGISTICS

DATE: 25/04/2022

TIME: 8 – 10AM

INSTRUCTIONS TO CANDIDATES

Question ONE (1) is compulsory

Answer any other TWO (2) questions

TIME: 2 Hours

MUST observes ZERO tolerance to examination cheating

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

QUESTION ONE

- d) Explain the basic principles governing disaster logistics management. **(8 Marks)**
- e) Discuss the components of a disaster logistics plan. **(10 Marks)**
- f) Discuss the concept of material management in disaster logistics. **(12 Marks)**

QUESTION TWO

- a) Evaluate three classes of inventories applicable in disaster logistics. **(9 Marks)**
- b) Explain why logistics is usually a challenge in disaster management process. **(11 Marks)**

QUESTION THREE

- a) Describe the first four steps in each phase of humanitarian logistics relief. **(10 Marks)**
- b) Discuss the similarities between commercial and disaster logistics networks. **(10 Marks)**

QUESTION FOUR

Write short notes on the following.

(20 Marks)

- a. Logistics
- b. Humanitarian logistics
- c. Disaster logistics
- d. Emergency logistics