



(University of Choice)

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

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE

DEGREE

OF

**DOCTOR OF PHILOSOPHY IN DISASTER MANAGEMENT AND SUSTAINABLE
DEVELOPMENT (DMSD)**

COURSE CODE: DSM 998

COURSE TITLE: ADVANCED RESEARCH METHODS AND APPLICATIONS

DATE: 27/04/2022

TIME: 9 – 12 NOON

~~INSTRUCTIONS TO CANDIDATES~~

- This paper contains **FIVE** Questions
- Answer any **FOUR** Questions
- All questions carry equal marks (20)

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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

Question ONE

Research mainly emphasizes the development of generalizations/theories, which assist in predicting future occurrences. Discuss this statement. **(20 marks)**

Question TWO

Explain the significance of the following key components of a research proposal

- i). Statement of the research problem **(5 marks)**
- ii). Research objectives **(5 marks)**
- iii). Literature review **(5 marks)**
- iv). Research Methodology **(5 marks)**

Question THREE

Plagiarism is a deliberate fraud in research, which can be avoided at the point of choosing a research problem. Discuss **(20 marks)**

Question FOUR

Describe different types of research, pointing out the difference between experimental and survey design. **(20 marks)**

Question FIVE

Scientific research must satisfy a given set of criteria. State and describe any six salient criteria expected of a good research. **(20 marks)**