



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

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2020/2021 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER EXAMINATIONS  
FOR THE BACHELOR OF DISASTER MANAGEMENT AND  
INTERNATIONAL DIPLOMACY**

**COURSE CODE: DPI 308**

**COURSE TITLE: RESEARCH METHODS**

**DATE: 04/08/2022**

**TIME: 2PM-4PM**

---

**INSTRUCTIONS TO CANDIDATES**

Answer Question 1(ONE) and any other TWO Questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

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

### QUESTION ONE

Distinguish between the following concepts as used in research methodology

- a) Qualitative *vis-à-vis* Quantitative approaches to research (10 Marks)
- b) Descriptive *vis-à-vis* Correlational Research (10 Marks)
- c) Evaluation *vis-à-vis* Applied Research (10 Marks)

### QUESTION TWO

- a) Highlight the criteria for scientific research (10 marks)
- b) Briefly describe the **FOUR** qualities of a good research (10 marks)

### QUESTION THREE

Discuss factors that characterize a research problem (20 Marks)

### QUESTION FOUR

- a) Highlight some of the problems encountered by researchers in the course of their research studies (10 Marks)
- b) After the data have been collected, the researcher turns to the task of analyzing them. Briefly describe important steps to consider in the process of data analysis (10 Marks)

### QUESTION FIVE

- a) Briefly discuss:
  - i. **FOUR** probability sampling techniques (10 Marks)
  - ii. **FOUR** non-probability sampling techniques (10 Marks)

### QUESTION SIX

Citing examples, demonstrate your understanding of the **TWO** broad ways in which research is classified. (20 Marks)