



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER EXAMINATIONS

SUPPLEMENTARY EXAMINATION

FOR THE DIPLOMA IN GENERAL AGRICULTURE AND HORTICULTURE

COURSE CODE: DAG 076

COURSE TITLE: RESEARCH METHODS AND PROJECT I.

DATE: 29.7.22

TIME: 8-10AM

INSTRUCTION S:

Answer ALL questions in section A and any TWO in section B.

SECTION A: (Answer ALL questions)

1. a) Briefly explain the following terms as used in research (14mks)
 - i) Research
 - ii) A sample
 - iii) Systematic
 - iv) Logical
 - v) Empirical
 - vi) Reductive
 - vii) Replicable
- b) Enumerate systematically the key outline/subtitles of a research project proposal (6mks).
- c) Describe the major experimental designs in research (10mks).

SECTION B: (Answer any TWO questions)

2. a) State the data collection tools that increase the accuracy of your data (12mks)
b) Discuss the importance of literature review to the existing research (8mks).
3. a) Identify and briefly explain the different sampling methods in research (12mks)
b) State the different softwares used in data analysis (8mks).
4. a) State the twelve recommended steps undertaken during the research process (12mks)
b) Briefly explain the stages of the scientific method in research (8mks).

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