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(University of Choice)

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

**UNIVERSITY EXAMINATIONS  
2022/2023 ACADEMIC YEAR**

**THIRD YEAR FIRST SEMESTER EXAMINATIONS  
FOR THE DEGREE  
OF  
BACHELOR OF EDUCATION (ARTS)**

**COURSE CODE: GEO 314**

**COURSE TITLE: RESEARCH METHODS AND FIELD WORK  
IN GEOGRAPHY**

**DATE: Friday 15<sup>th</sup> December, 2023**

**TIME: 8:00-10:00am**

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**INSTRUCTIONS TO CANDIDATES**

Answer Question One and Any other Two questions.  
Use illustrations to add value

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

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

1. Explain the following terminologies as applied in research method and field work in geography:

i. Variable (5marks)

ii. Research design (5marks)

iii. Methodology (5marks)

iv. Hypothesis (5marks)

v. Case study (5marks)

vi. Research report (5marks)

2. Advance a case for the pursuit of research and field work in geography. (20marks)

3. 'Literature review is an important component in a geographical research undertaking'

Explain. (20marks).

4. Discuss the general ethical principles related to research and fieldwork in Geography.

(20marks)

5. Kakamega Municipal Board has contracted you to carryout research on the status of solid waste collection and disposal within its area of jurisdiction. With this understanding:

a. Describe any two sampling procedures you would use and why. (6marks)

b. Explain how you would decide the number of respondents in the sample(4marks)

c. Describe the data collection instruments you would use and why. (6marks).

d. Describe data collection procedures you would use. (4marks)