

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS  
IGEMBE CAMPUS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
SCIENCE IN COMMUNITY DEVELOPMENT**

**CDEV 0250: RESEARCH METHODS**

**STREAMS:  
DAY/DATE:**

**TIME: 2 HOURS**

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**INSTRUCTIONS:**

- **Answer question one and any other two questions**

1. (a) Define research. [2marks]  
(b) Explain at least five characteristics of research. [10marks]  
(c) Differentiate the following ;
  - (i) Basic research
  - (ii) Applied research [4marks]  
(d) State and explain five ethical aspects a researcher must observe in conduct of research. [10marks]  
(e) Highlight five characteristics of a good research problem. [4marks]
2. (a) What is hypothesis. [2marks]  
(b) Explain the difference between null hypothesis and alternative hypothesis. [4marks]  
(c) Discuss the importance of literature review in research. [10marks]

- (d) Identify and explain two sources of literature. [4marks]
3. Write short notes on the following;
- (i) Simple random sampling
  - (ii) Systematic random sampling
  - (iii) Stratified random sampling
  - (iv) Cluster sampling [20marks]
4. (a) Explain three reasons for disseminating research funding. [6marks]
- (b) State and explain from methods of data collection. [8marks]
- (c) State the advantages and disadvantages of one of the methods you have identified in 4(b) . [6marks]
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