



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND**  
**DEVELOPMENT**  
**2<sup>ND</sup> YEAR I SEMESTER 2018/2019 ACADEMIC YEAR**  
**MAIN CAMPUS**

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**COURSE CODE: HCD 1126**

**COURSE TITLE: INTRODUCTION TO RESEARCH METHODS**

**EXAM VENUE: MAIN CAMPUS**

**DATE: EXAMINATION SESSION: 9-11 AM**

**TIME: 2 HOURS**

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**Instructions:**

- 1. Answer all the questions in Section A and ANY other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates MUST hand in their answer booklets to the invigilator while in the examination room.**

## SECTION A

**Answer all questions (30 Marks)**

1. Explain the following terms: (5 Marks)
  - a) Research
  - b) Research Methods
  - c) Research Methodology
  - d) Library research
  - e) Field research
2. State 3 ways of acquiring knowledge in research (3 Marks)
3. Differentiate between pure and applied research (2 Marks)
4. Mention at least four importance of research (4 Marks)
5. What are the key principles of research ethics (6 Marks)
6. State the characteristics of a good research (4 Marks)
7. Identify methods of collecting qualitative data (3 Marks)
8. Define a research design and give two examples of research designs (3 Marks)

## **SECTION B**

**Answer any two Questions (30 Marks)**

9. State and explain various types of research
10. Discuss the differences between quantitative and qualitative research while giving data collection methods in each case.
11. Describe dissemination tools and discuss their significance
12. Give two types of cohort studies
  - a. Highlight the strengths and weaknesses of cohort studies