



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

2ND YEAR 2ND SEMESTER 2022/2023 ACADEMIC YEAR

MAIN / KISUMU CAMPUS

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| COURSE CODE: | HDC 2226/2211 |
| COURSE TITLE: | INTRODUCTION TO RESEARCH METHODS |
| EXAM VENUE: | STREAM: Dip. Comm Hlth & Dev |
| DATE: 06/12/2022 | EXAM SESSION: 15.00-16.30PM |
| TIME: | 1½ HOURS |

Instructions:

- 1. Candidates are advised not to write on the question paper.**
- 2. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A: SHORT ANSWER QUESTIONS (30 MARKS)

1. Explain briefly what you understand by the word research (4 mks)
2. In order of priority, list the steps followed in writing a research proposal (5 mks)
3. Explain what you would consider when writing a problem statement (4 mks)
4. State the acronym SMART in writing research objectives (5 mks)
5. Differentiate between dependent and independent variables (3 mks)
6. Explain any five ethical issues in research (5 mks)
7. Explain any four methods used to collect data (4 mks)

SECTION B: Answer any two (2) questions from this section (30 Mks)

1. As a community health practitioner, you have been assigned to write a research proposal for an organization.
 - a. Explain any five sources of literature (5 mks)
 - b. Explain the functions of literature review and what to consider when reviewing the literature (10 mks)
2. Describe in details how you would collect quantitative data and analyze it. (15 mks)
3. Explain how to collect qualitative data in a research (15 mks)