



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

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

1ST YEAR 2ND SEMESTER 2016/2017 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HCD 1126

COURSE TITLE: INTRODUCTION TO RESEARCH METHODS

EXAM VENUE: STREAM: (Cert. Comm Hlth & Dev)

DATE: EXAM SESSION:

TIME: 1.5 HOURS

Instructions:

- 1. Answer all 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 in this section (30 marks)

QUESTION ONE

1. Differentiate between primary and secondary data? (3 marks)
2. Briefly explain stratified random sampling design (3 marks)
3. Briefly describe why a researcher develops a research proposal (2 Marks)
4. Explain the meaning and significance of a research design. (3 marks)
5. State the importance of research ethics (2 marks)
6. Explain the features of a good research design (3 marks)
7. Distinguish between basic research and applied research (3 marks)
8. Outline three advantages of using a questionnaire in collecting data (3 marks)
9. State the characteristics of a sub problem (3Marks)
10. Explain the quota sampling technique (2 marks)
11. Briefly explain the qualities of a good research question (3 marks)

SECTION B Answer any two Questions (30 Marks)

1. Discuss the major components of a research proposal (15 Marks)
2. a. Discuss the types of hypothesis and give examples of each (6 marks)
b. Discuss any THREE probabilistic sampling techniques used in research (9 Marks)
3. a. Differentiate between exploratory research and descriptive research. (4 Marks)
b. Literature review is an important undertaking during research
i. Briefly explain the purpose of literature review in pure research (7 Marks)
ii. When reviewing literature, briefly highlight the various considerations (4 Marks)
4. a. "Research is much concerned with proper fact finding, analysis and evaluation." Do you agree with this statement? Give reasons in support of your answer (8 marks)

b. What is research problem? Discuss the main issues which should receive the attention of the researcher in formulating the research problem (7 Marks)