



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND
DEVELOPMENT
SPECIAL EXAMINATIONS NOV. 2020

COURSE CODE: HCD 1126

COURSE TITLE: Introduction to Research Methods

EXAM VENUE:

DATE:

EXAMINATION SESSION:

TIME: 2 HOURS

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 Design
 - b) Cohort studies design
 - c) Research Ethics
 - d) Applied Research
 - e) Retrospective research
2. State 3 characteristics of quantitative research (3 Marks)
3. Mention three reasons why qualitative research is becoming more popular (2 Marks)
4. Identify two differences between experimental research and surveys (4 Marks)
5. What are the key principles of research ethics (6 Marks)?
6. State the limitations of a qualitative research (4 Marks)
7. Identify methods of collecting quantitative data (3 Marks)
8. Define a research method and give two examples of research designs (3 Marks)

SECTION B

Answer any two Questions (30 Marks)

9. Assuming you have done a research on gerontology, identify methods of disseminating results, key audiences, and specific types of programs
10. Explain tools of disseminating research findings
11. Discuss the differences between quantitative and qualitative research while giving advantages and disadvantages of each method.
12. Give two types of case control studies
 - a. Highlight the strengths and weaknesses of control studies