



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR BACHOLORS DEGREE IN COMMUNITY/  
PUBLIC HEALTH**  
**3<sup>RD</sup> YEAR 2<sup>ND</sup> SEMESTER 2017/2018 ACADEMIC YEAR**  
**KISUMU CAMPUS**

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**COURSE CODE: SBI 3325**

**COURSE TITLE: RESEARCH METHODS**

**EXAM VENUE:                      STREAM: BSc Community Health & Development/BSc Public Health**

**DATE: --                              EXAM SESSION: --**

**TIME: 2.00 HOURS**

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**Instructions:**

- 1. Answer any four Questions (Question One is Compulsary).**
- 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**

1. Briefly explain any 5 particular roles served by *research* in human health. (5 mks)
2. Describe any 3 sources of literature in research, citing their key merit and demerit. (4.5 mks)
3. Name any 4 data collection methods that can be used to collect data for health research. (4 mks)
4. Describe any 4 challenges one is likely to meet while collecting data for health research. (6 mks)
5. Highlight the 3 main principles that govern the conduct of research with humans. (6 mks)
6. Outline any three major differences between a research *proposal* and *report* (4.5 mks)

**Section B: Answer any TWO Questions**

1. Discuss any 5 qualities of a well-designed research problem. Justify appropriately. (20 mks)
2. Discuss any 5 considerations one would make while selecting a research problem. (20 mks)
3. Discuss the role of ethics in research, explaining how the principles are upheld. (20 mks)
4. In your community, about 235 out of 768 children born alive in the past 8 months in the subcounty you live have not received all the prescribed vaccines. You are asked to provide necessary information for the County government in order to mount an intervention. To do this, you need to conduct a small study. Formulate:
  - a. Title (2 mks)
  - b. Problem Statement (4 mks)
  - c. Main objective (1 mks)
  - d. 3 specific objectives (3 mks)
  - e. Null hypothesis (2 mks)
  - f. Justification of the study (4 mks)
  - g. Significance of the study (4 mks)