



JARAMOGI OGINGA ODIGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE
COMMUNITY HEALTH DEVELOPMENT/PUBLIC HEALTH
3RD YEAR 2ND SEMESTER 2017/2018 ACADEMIC YEAR
KISUMU CAMPUS

COURSE CODE: SBI 3325

COURSE TITLE: RESEARCH METHODS

DATE: 13/08/2019

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2.00 HOURS

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. Differentiate the following terms:
 - a) Longitudinal and cross-sectional studies (2 mks)
 - b) Open-ended and closed-ended questions (2 mks)
 - c) Population and Target Population (2 mks)
2. Name any 3 sources of literature in research, citing their key merit and demerit. (6 mks)
3. Briefly describe the types of data as may be applicable to health (8 mks)
4. Name any 4 likely challenges while collecting health research data. (4 mks)
5. Highlight any 4 key areas in the *methodology* section of a proposal/report. (6 mks)

Section B: Answer any TWO Questions

1. Discuss any 5 qualities of a well-designed research problem. (20 mks)
2. Discuss any 5 considerations made while selecting a research problem. (20 mks)
3. Discuss the role of ethics in research, explaining how the principles are actualized. (20 mks)
4. In your local Community Unit, numerous teenagers have dropped out of school due to sexual and reproductive health-related issues in the past 6 months. You are asked to provide necessary information for the county government to allow it mount an intervention. To do this, you need to conduct a small study. Formulate:
 - a. Title (2 marks)
 - b. Problem Statement (4 marks)
 - c. Main objective (1 mark)
 - d. 3 specific objectives (3 marks)
 - e. Null hypothesis (2 marks)
 - f. Justification of the study (4 marks)
 - g. Significance of the study (4 marks)