

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE & TECHNOLOGY
BSC. COMMUNITY HEALTH & DEVELOPMENT/PUBLIC HEALTH
SBI 3325: RESEARCH METHODS
May-August 2013

(KISUMU LEARNING CENTER)

Instructions:

This paper has 2 sections; Section A has 10 short answer questions while Section B has 4 essay questions. Illustrate your answers with diagrams where appropriate.

Section I. Answer ALL questions (30 Marks)

1. Define the term *research* and highlight its relevance in public/community health. (3 mks)
2. Briefly describe any 3 roles served by literature review in research. (3 mks)
3. List any three types of research that could be conducted in community health setting (3 mks)
4. Name any 3 common data collection methods used in community health research (3 mks)
5. Highlight any 3 major ethical concerns during research (3 mks)
6. What was the main issue highlighted by The Belmont Report? (3 mks)
7. Differentiate between the two major types of questionnaire used in research (3 mks)
8. Point out any three differences between a research *proposal* and *report* (3 mks)
9. Name any 3 possible appendices on a research proposal/report (3 mks)
10. Name the main drawback of journals, books and media as literature source in research (3 mks)

Section II. Answer any TWO questions (40 Marks)

11. Describe any five characteristics of a well designed a research problem (20 mks)
12. Discuss any five considerations made while selecting a research problem (20 mks)
13. The validity of any study depends a lot on the methods adopted. Assuming an outbreak of a strange disease at Jaramogi Oginga Odinga University of Science & Technology Kisumu Campus, and that you are the lead investigator, name and describe the various components of the *Methodology* section. (20 mks)
14. In the community where you work, at least 10 birds are noticed along the roads and at home to die daily for the past 6 days. You are asked to provide necessary information for the County to mount an intervention. To do this, you need to conduct a small study. Formulate the following: (20 mks)
 - a. Title
 - b. Problem Statement
 - c. Main objective
 - d. 3 specific objectives
 - e. Null hypothesis
 - f. Justification of the study
 - g. Significance of the study