



**JARAMOGI OGINGA ODINGA UNIVERSITY
OF SCIENCE & TECHNOLOGY
UNIVERSITY EXAMINATIONS 2012/2013
2ND YEAR 1ST SEMESTER EXAMINATION FOR THE
DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT
REGULAR**

COURSE CODE: HDC 2211

COURSE TITLE: INTRODUCTION TO RESEARCH METHODS

DATE: 23/8/2013

TIME: 2.00-4.00 PM

DURATION: 1.30 HOURS

INSTRUCTIONS

- 1. This paper consists of two sections A and B.**
- 2. Answer Question 1 (Compulsory) and any other 2 questions.**
- 3. Write your answers on the answer booklet provided.**

SECTION A

Answer ALL questions in this section (3 Marks each).

1. Define the term research and list two importance of research in community health.
2. List any three sources of literature during research citing respective weakness.
3. What are objectives in research? List any four verbs that are used in objective.
4. Differentiate between qualitative and quantitative research.
5. List the factors to be considered when choosing a research problem.
6. Differentiate between primary and secondary data sources.
7. Briefly describe ways in which collected data are presented.
8. List the functions of hypothesis in a research proposal.
9. List six characteristics of research.
10. Differentiate between prospective and retrospective study designs.

SECTION B

Answer any TWO questions from this section (15 marks each)

11. Discuss the ethical issues during research.
12. Discuss the steps involved in a research process.
13. Discuss the methods that can be used to collect primary data.
14. There has been an outbreak of a disease in your community. You are tasked to propose an investigation on the circumstances surrounding the observation and submit a report. Using a specific disease as an example, formulate:
 - a. Title
 - b. Main objective
 - c. 3 specific objectives
 - d. Null hypothesis
 - e. Justification of the study
 - f. Significance of the study