

**UNIVERSITY EXAMINATION FOR**  
**DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT**  
**HDC 2211: INTRODUCTION TO RESEARCH METHODS**

**END OF SEMESTER EXAMINATION**

**3<sup>RD</sup> SEMESTER 2012/2013**

**INSTRUCTIONS TO CANDIDATES:**

1. Write your University Registration Number on every Page that you use
2. Do not write your name on any paper you use.
3. This paper consists of TWO SECTIONS
4. Read carefully the additional instructions preceding each section

**SECTION A**

**ATTEMPT ALL QUESTIONS IN THIS SECTION (30mks)**

1. State 4 common sources of research problems?(3mks)
2. State four factors to consider when choosing a research problem (3mks)
3. State three main data collection methods used in quantitative research (3mks)
4. State five functions of research in community health (5)
5. State the four historical events that lead to development of ethical guidelines used in research (2mks)
6. Briefly describe the three ethical principles used in research (6mks)
7. State four functions of literature review in a research (4mks)
8. State four types of qualitative research design? (4mks)

**Section B: Choose And Answer Any Two (2) Questions From This Section (30)**

1. Research can be divided into two main groups qualitative and quantitative research designs. Based on your understanding of quantitative research design: (i) define what is meant by quantitative research design (3mks) (ii) Describe the four types of quantitative research designs.(12mks)
2. Research Process consists of series of actions or steps necessary to effectively carry out research. Describe the steps used in a research process.(15mks)
3. Populations are used to obtain the samples used in a research study. Therefore describe 3 probability sampling methods and 2 non-probability sampling methods.(15mks)
4. In conducting his research on factors affecting choice of family planning methods among women at Nyalenda Health Centre, Jakom Otieno needs to choose a data collection method. Briefly explain five important questions that he needs to consider in the process of choosing a data collection method. (15mks)