

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
CHUKA /EMBU**

EXAMINATION FOR THE AWARD OF DIPLOMA IN COMMUNITY DEVELOPMENT

CDEV 0250: RESEARCH METHODS

STREAM:

TIME: 2 HOURS

DAY/DATE: FRIDAY 10/08/2018

8.30 A.M – 10.30 A.M

INSTRUCTION:

- **Answer question one and any two more questions**

1. (a) Define the following terms as used in research.

(i) Research [2marks]

(ii) Sample [2marks]

(iii) Independent variable [2marks]

(b) Assume that a local NGO which you work for intends to carry out a study on the 'influence of community participation on community ownership of donor funded projects'. You will lead this study in order to ensure its purpose is achieved.

Required :

(i) Identify independent and dependent variables from the above research title. [2marks]

(ii) Outline four ethical issues you would observe while carrying out this study.

[4marks]

(iii) Outline five benefits of literature review related to this study. [5marks]

(c) State and explain the four types of measurement scales. [8marks]

(d) Highlight five reasons why people are motivated to carry out research. [5marks]

2. (a) A community development worker working for a community based organization based at Solai in Nakuru county is interested in helping people overcome their fears, anxieties and phobias following Patel Dam tragedy in May 2018. One way to find out these fears, anxieties and phobia is to ask the local community to fill a questionnaire. In this way they can write their fears, anxieties and phobias and how they can overcome them without having to talk about them.

(i) Outline three advantages and three disadvantages of using a questionnaire in this activity. [6marks]

(ii) Give four strengths of using an interview instead of a questionnaire in this activity. [4marks]

(b) Discuss five factors to consider while selecting appropriate sampling design.

[10marks]

3. (a) Research design can be thought of as the structure of research. It is the ‘glue’ that holds all of the elements in a research project together. Identify and explain any four types of research designs. [8marks]

(b) Differentiate the following terms as used in research.

(i) Quantitative data and qualitative data. [4marks]

(ii) Probability sampling and non probability sampling. [4marks]

(iv) Null hypothesis and alternate hypothesis. [4marks]

4. (a) Discuss five probability sampling techniques that a researcher may use to select a sample from a population. [10marks]

(b) Develop a research title on a topic of your own choice and state your title of the study, three specific research objectives and develop a conceptual framework. [6marks]

(c) Briefly explain the concept of validity and reliability. [4marks]

5. (a) State any four qualities of an effective literature review. [4marks]

(b) State and explain four characteristics of a good research design. [8marks]

(c) State five advantages of sampling. [5marks]

(d) Outline three characteristics of a good research hypothesis. [3marks]