

**102106T4COH**

**COMMUNITY HEALTH LEVEL 6**

**HE/OS/CH/CR/02/6A**

**Conduct Community Health Research**

**Nov/Dec 2023**



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION  
COUNCIL (TVET CDACC)**

**WRITTEN ASSESSMENT**

**Time: 3 Hours**

**INSTRUCTION TO CANDIDATE**

1. This paper has two sections **A** and **B**
2. You are provided with a separate answer booklet
3. Marks for each questions are as indicated
4. Do not write on the question paper

**This paper consists of 3 printed pages.**

**Candidates should check the question paper to ascertain that all the pages are printed  
as indicated.**

**SECTION A: (40 MARKS)**

*Answer ALL the questions in this section*

1. Health research is guided by ethical principles. State TWO of these principles. **(2Marks)**
2. Research generates new ideas and tries to answer critical questions to solve problems. Outline FOUR types of research. **(4 Marks)**
3. You are called upon by a local Non-Governmental Organization to carryout community health research in Sese community, with an aim of offering health education. Highlight FOUR data collection tools that you would like to use in carrying out the research. **(4 Marks)**
4. You are to develop research objectives to conduct community health research. Identify FOUR characteristics of a good objective. **(4 Marks)**
5. Highlight FOUR criteria to be used for selecting a research topic. **(4 Marks)**
6. A local Non-Governmental Organization has contracted you to carry out a research on a disease outbreak in secondary schools within Western Kenya. Determine FOUR sources of information that will be fundamental during this exercise. **(4 Marks)**
7. Differentiate between general and specific objectives **(2 Marks)**
8. Examine FOUR examples of information you will include in the theoretical framework that are important during the exercise of community health research. **(4 Marks)**
9. Probability sampling gives respondents an equal chance of participating in a study. Highlight FOUR types of probability sampling. **(4 Marks)**
10. Differentiate between validity and reliability in research. **(4 Marks)**
11. Research plays a critical role in the health sector. Identify FOUR benefits of community health research. **(4 Marks)**

**SECTION B: (60 MARKS)**

*Answer any THREE questions in this section.*

12. You're currently working with Maben dispensary as a community health officer. You have been assigned the role of carrying out community health research in this area.
- a) Discuss FOUR factors that may affect your sample size. **(8 Marks)**
  - b) Explain SIX ways to ensure the questionnaire is accurate and is free from errors. **(12 Marks)**
13. Mite village has been identified to have high incidences of cholera outbreak after a research study. As a community health officer working with a local government in the area, you have been tasked to analyze and present these research findings.
- a) Explain FIVE types of data analysis. **(10 Marks)**
  - b) Describe FIVE benefits of data analysis. **(10 Marks)**
14. After conducting a community health research, the findings showed that most community members do not have access to safe water supply. Poor sanitation and hygiene were also observed. To address these issues at the grassroots level, the study recommended that all community health workers should be trained on water, sanitation and hygiene.
- a) Discuss FIVE components of a good research report. **(10 Marks)**
  - b) Explain FIVE characteristics of a good research report. **(10 Marks)**
15. Dissemination of quality data is key in addressing health issues effectively within the community. Data quality relies on the validity of the research instruments used in a study.
- a) Describe FIVE types of validity in research. **(10 Marks)**
  - b) Explain FIVE key elements of a dissemination plan. **(10 Marks)**

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