

102106T4COH

COMMUNITY HEALTH LEVEL 6

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

Conduct Community Health Research

July /Aug 2023



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

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. This paper has two sections **A** and **B**
2. You are provided with a separate answer booklet.
3. Marks for each question 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 pages
are printed as indicated and that no questions are missing**

SECTION A: (40 MARKS)

Answer all questions in this section.

1. As a research officer working in a community setting, you're carrying out research. Outline FOUR research instruments that can be used in your research. (4 Marks)
2. After conducting research and getting the expected results; describe FOUR ways that can be used to share the research findings. (4 Marks)
3. Doing literature review is very crucial when conducting research. Explain FOUR reasons why literature review is important in the research process. (4 Marks)
4. There are several sources of literature for research. Identify THREE sources of literature available for researchers. (3 Marks)
5. There are several ways to utilize the information gathered from literature. State FIVE ways in which researchers can use information gathered from research. (5 Marks)
6. Researchers are at risk of being accused of plagiarism. Outline FOUR sources literature and information that researchers can utilize without accusation of plagiarism. (4 Marks)
7. There are different ways of referencing a research document. The TWO major ones are in-text citation and a list of reference. Differentiate between in-text citation and a list of reference. (4 Marks)
8. Sampling during a research activity is very crucial. There are various methods of collecting a sample. One of these methods is random sampling. Explain FOUR advantages of random sampling during data collection (4 Marks)
9. Large samples may be required in various situations depending on the research goals and characteristics of the population under study. Outline FOUR situations when large samples may be required. (4 Marks)
10. In every research activity, a hypothesis plays a very crucial role. Highlight FOUR reasons why hypothesis is important in research. (4 Marks)

SECTION B: (60 MARKS)

Answer any three questions in this section

11. As a community health worker, you are required to collect all the community data and analyze it. Data analysis is a very necessary process that enables one to get the right picture of what is happening in our communities. Data analysis is a fundamental component of research, business intelligence, and data-driven decision-making processes. It helps uncover valuable information, understand complex relationships, identify trends, predict outcomes, and support evidence-based decision making.
- a) Define the term “data analysis”. (2 Marks)
 - b) Describe FIVE steps of data analysis. (10 Marks)
 - c) Describe FOUR data analysis methods. (8 Marks)
12. The primary goal of research is to generate reliable and valid information that contributes to the understanding and advancement of a particular field of study. It aims to answer questions, solve problems, or explore new areas of knowledge. Research can be conducted in various disciplines, including science, social sciences, humanities, and engineering.
- a) Define the term “research”. (2 Marks)
 - b) Explain FIVE reasons why research is important. (10 Marks)
 - c) Describe FOUR characteristics of a research. (8 Marks)
13. Data collection is a crucial step in the research process as it provides the raw material for analysis and interpretation. The quality, accuracy, and representativeness of the collected data are essential for drawing valid conclusions and making informed decisions based on the findings.
- a) Describe data collection. (2 Marks)
 - b) Describe TEN different steps of data collection. (10 Marks)
 - c) Explain FOUR characteristics of a quality data collection process. (8 Marks)
14. Selecting a research topic is an important and often challenging task. The right research topic sets the foundation for a successful and engaging research project.
- a) Describe the TEN steps involved in selection of a research topic. (10 Marks)
 - b) Describe FIVE factors to consider when coming up with a research topic. (10 Marks)

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