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COMMUNITY HEALTH LEVEL 6

HE/OS/CH/CR/02/6

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Conduct Community Health Research

Date: 24.11.2025 08:00 AM

November/December 2025

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

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Date: 24.11.2025 08:00 AM

WRITTEN ASSESSMENT

Time: 3 Hours

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INSTRUCTION TO CANDIDATE

1. This paper consists of **TWO** sections: **A** and **B**.
2. Attempt **ALL** questions in section **A** and **ANY THREE** questions in section **B**.
3. Marks for each question are indicated in the brackets.
4. Candidates are provided with a separate answer booklet
5. Do not write on the question paper.

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This paper consists of THREE (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 the questions in this section

1. Selection of a research topic is a key step in developing a research proposal. List FOUR criteria to be used for selecting a research topic. (4 Marks)
2. Sampling involves selecting a representative portion of the population. Name FOUR reasons for sampling in research. (4 Marks)
3. Health research is guided by ethical principles. Outline FOUR ethical principles in research (4 Marks)
4. Validity and reliability can be used to describe the quality of research data. Contrast TWO differences between validity and reliability in research. (4 Marks)
5. Research questions guide the researcher on what to look for when collecting data in the field. Outline FOUR steps of designing a research question. (4 Marks)
6. Research objectives outline the deliverables that you intend to achieve during research. Record FOUR importance of formulating a research objective. (4 Marks)
7. Health research problems outline a situation about the area of concern or a condition to be improved regarding a certain health aspect. Identify FOUR sources from which you can identify a health research problem. (4 Marks)
8. There are various ways of selecting a sample from a population, for instance simple random sampling. Name FOUR disadvantages of simple random sampling. (4 Marks)
9. An empirical research framework guides researchers through the process of gathering, analysing and interpreting data. Identify FOUR advantages of an empirical research framework. (4 Marks)
10. You have been contracted by the county government to carry out research. List any FOUR data collection methods you can use in collecting the data. (4 Marks)

SECTION B: (60 MARKS)

Answer any THREE questions in this section.

11. Documenting research findings is an integral part of the research process that will shape the analysis of your work and conclusions that you can draw.

a) Describe any FIVE components that must be contained in a community health research report (10 Marks)

b) Explain any FIVE reasons for coming up with a research report (10 Marks)

12. Descriptive statistics is one of the frequently used quantitative data analysis techniques in research.

a) Explain SIX common types of descriptive statistics you as the researcher can use in your study (12 Marks)

b) Validity is the extent to which requirements of scientific research method has been followed during the process of generating research findings. Describe any FOUR types of validity in health research. (8 Marks)

13. a) Observation is a popular method of gathering data during research studies. Record FOUR qualifications observers must have for them to be good data collectors. (4 Marks)

b) Interviews are one of the methods researchers use to collect data during research. Explain EIGHT guidelines to follow when designing interview questions. (16 Marks)

14. Dissemination of the research report is a key aspect in ensuring stakeholders get the right information concerning the health research report you have developed.

a) Describe any FIVE methods used to disseminate community health research data. (10 Marks)

b) Explain any FIVE goals that dissemination of information aims to achieve. (10 Marks)