

102105T4COH

COMMUNITY HEALTH LEVEL 5

HE/OS/CH/CR/03/5/A

Maintain Community Health Information System

Nov/Dec 2024



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

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

This paper consists of FOUR (4) 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. Define the following terms:
 - a) Health data (2 marks)
 - b) Data collection (2 marks)
2. A community health information system is a system that generates health-related data from sources at the community level. Highlight **FOUR** sources of the data (4 marks)
3. As a community health assistant (CHA), Identify **FOUR** importance of community health Information System in addressing community health needs (4 marks)
4. Activities aimed at capacity-building enhance efficiency in organizational operations. Highlight **FOUR** components of capacity-building in health information systems. (4 Marks)
5. After gathering data from the community members for a week, the community health assistant notices that the electronic device they used for data collection is faulty. Highlight **FOUR** effects of using a defective device in data collection (4 marks)
6. Community health information system training targets people who are likely to affect or be affected by its application. Name **THREE** groups of people targeted for such training. (3 marks)
7. Regular assessment of the performance of a community health information system is essential in managing the system. Identify **THREE** resources needed for the evaluation of a community health information system (3 marks)
8. Data collected by the community health information system is analyzed and reported to make informed health decisions to improve the health status of communities. Outline **FOUR** indicators that shows the utilization of the data. (4 marks)
9. Devolution of the health services has granted county governments the role of coordinating and managing the delivery of county healthcare service. Highlight **FOUR** tiers of Kenya's healthcare delivery system (4 Marks)

10. Spot checking is a quality control method that involves inspecting a small, random samples of data from a larger population. State **THREE** ways of conducting data spot-checking (3 Marks)
11. Health professionals should be trained on the community health information system based on the identified training needs. The PRISM conceptual framework is used to identify these training needs. Outline **THREE** categories of determinants that affect the performance of the community health information system (3 Marks)

SECTION B (60 MARKS)

Answer any THREE questions in this section.

12. To improve the performance of the community health information system, regular assessments are conducted and the reports are shared according to the community health information system management procedures.
- a) Describe **SIX phases** involved in assessing the community health information system. (12 Marks)
 - b) Explain **TWO** characteristics of a good community health information assessment report (4 marks)
 - c) Explain **TWO** methods of disseminating the above report (4 Marks)
13. Mrs. Jay has been contracted by the Z Community Based Organization to carry out community health data analysis for decision making and resource allocation
- a) Explain the term data analysis. (2 marks)
 - b) Describe **FIVE** steps used to carry out data analysis in the community (10 marks)
 - c) Explain **FOUR** characteristics of quality data (8 Marks)
14. For the effective transmission of the data from the community health information system to national health data system (DHIS2), each community unit is linked and listed with a health facility, which is in turn listed in the Kenya master facility list (KMFL) register according to standard procedures.
- a) Explain **FIVE** details of community health units contained in the Kenya master facility list. (10 marks)
 - b) Describe **FIVE** data elements in the master community unit list that provide information on facility's services and capacities (10 marks)
15. During the induction of newly appointed community health volunteers in community X, it was noted that they do not have a better community health information system in place. You are the community health assistant assigned the role of setting up a community health information system in the concerned community.
- a) Explain **FIVE** Characteristics of a good community-based health information system. (10 Marks)
 - b) Describe **FIVE** data collection tools that you will utilize the new community health information system (10 marks)