

102106T4COH

COMMUNITY HEALTH LEVEL 6

HE/OS/CH/CR/05/6/A

Maintain Community health information system

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 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: (5 marks)
 - a) District health information system
 - b) Village mapping
 - c) Spot checking
 - d) Health indicator
 - e) Health Report
2. Kenya's health system delivery exists in six main levels. Outline THREE main levels of healthcare delivery that mainly focus on preventive healthcare. (3 Marks)
3. Data reliability is an essential characteristic of high-quality data. Highlight THREE attributes of good quality data. (3 Marks)
4. An officer from the Ministry of Health may appear unannounced at your place of work to conduct assessment. Outline THREE important workplace spot checks. (3 Marks)
5. Kenya Master Health Facility List (KMHFL) is an application with all health facilities and community units in Kenya. Identify THREE data elements of Master Health Facility Lists. (3 Marks)
6. Data collection is the systematic process of gathering observations or measurements in research. State FOUR methods of data collection from the community. (4 Marks)
7. Data transformation converts raw data into a form used for analysis and decision-making. State THREE stages involved in transforming raw data into meaningful analytics. (3 Marks)
8. The role of a community health unit is to bring services closer to the people that need them. Highlight THREE services offered in a community health unit. (3 Marks)
9. The key to preserving confidentiality is making sure that only authorized individuals have access to information. State FOUR ways of ensuring the security of health information when using electronic platform tools. (4 Marks)
10. Potential sources of information about health are numerous and diverse. Outline THREE sources of community health information. (3 Marks)
11. Capacity-building activities encompass anything that enables an organization or team to do its job better. Outline FOUR components of capacity-building in health

information systems. (4 Marks)

12. Village maps are effective tools that help in understanding the geography of a village settlement. Identify TWO main importance of village mapping. (2 Marks)

SECTION B: (60 MARKS)

Answer any three questions in this section

13. The Government of Kenya recognizes the vital role played by information systems in measuring the performance of healthcare delivery and generating data to support program monitoring, planning, and evaluation of various community health programs.
- a) Explain FIVE importance of community health information to the healthcare systems in Kenya. (10 Marks)
 - b) Describe FIVE main features of good community health information system. (10 Marks)
14. Mr. Kaloki is required to establish a Community Health information system that entails data collection, gathering, analysis, and reporting in order to make informed health decisions in the newly formulated community health unit in Ringa sub-county:
- a) Describe SIX community health information tools needed to establish a functional community health information system. (12 Marks)
 - b) Data analysis is a process of collecting, transforming, cleaning, and modeling data with the aim of obtaining relevant information for making informed decisions. Explain FOUR main processes involved in data analysis. (8 Marks)
15. One of the most important steps in community health surveillance is the dissemination of relevant findings to the stakeholders in a timely manner.
- a) Explain FOUR methods of disseminating data. (8 Marks)
 - b) Community Health Information System (CHIS) requires to be assessed to identify challenges as well as good practices. This assessment is a six-phase process. Describe the SIX phases involved in assessing the community health information system. (12 Marks)
16. Governments and donors require information to better plan community health programs and to monitor progress of the program in achieving its objectives.
- a) Explain EIGHT roles of community health information systems in monitoring and evaluating community health programs. (16 Marks)
 - b) Discuss FOUR importance of Kenya Master Facility Listing. (4 Marks)

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