

091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

HE/OS/HR/CR/01/6/A

Manage Health Information

March/April 2025



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

WRITTEN ASSESSMENT

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Date: 26.03.2025 08:28 AM

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. Answer **ALL** the questions in section **A** and **Any THREE** Questions in **Section B**
4. Candidates are provided with a separate answer booklet
5. **DO NOT** write on this question paper.

**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 questions from this section.

1. There are various individuals and field staff who are involved or vested interest in a typical Health Information System. State THREE stakeholders in Health Information System (3 Marks)
2. Health services are organized systematically in Kenya to ensure quality service delivery. Mention THREE main organization of health services (3 Marks)
3. Health Information System (HIS) collects data from all possible sources that have a bearing on health in a systematic way. List TWO main types of data in HIS. (2 Marks)
4. Current national datasets are used to collect data required by Health Information Systems. Highlight FOUR types of data collection tools. (4 Marks)
5. There are some essential factors that should be considered before delving into data collection. Identify FIVE factors to consider before data collection. (5 Marks)
6. Reporting is crucial in ensuring that complex data is simplified for health systems. Name the following reporting tools. (6 Marks)
 - a) MOH 105
 - b) MOH 701 A
 - c) MOH 705 B
 - d) MOH 702
 - e) MOH 717
 - f) MOH 268
7. Outline FOUR sources of data in Health Information System (4 Marks)
8. Identify FOUR characteristics of well-designed HIS (4 Marks)
9. Legal forms are referred as statutory reporting tools due to the purpose they serve. State THREE main types of legal forms used in Kenya (3 Marks)
10. Define data processing (2 Marks)
11. A data warehouse is a type of data management system that is designed to enable and support business intelligence (BI) activities, especially analytics. Enumerate FOUR benefits of data warehouse (4marks)

SECTION B: (60 MARKS)

Answer THREE questions from this section

12. Health Information Systems play a vital role in Kenya health care sector in numerous ways.

- a) Describe FOUR objectives of Health Information Systems (8 Marks)
- b. Explain SIX subsystems of Health Information System (12 Marks)

13. The Ministry of Health is “Data rich but Information poor”. Explain FIVE possible factors that have led to this situation. (20 Marks)

14. During data collection and analysis, errors may be introduced into data unintentionally, therefore leading to inappropriate reporting

- a) Discuss FIVE potential sources of Errors in recording clinical data (10 Marks)
- b) Highlight FOUR ways one can reduce errors in clinical data. (4 Marks)
- c) Explain THREE common threats to data quality (6 Marks)

15. District Health Information System II (DHIS II) must be protected from mismanagement and unintentional access.

- a) Describe FOUR security measures that are applied to Health Information (8 Marks)
- b. Discuss SIX objectives of the District Health Information System II in Kenya (12 Marks)

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