

091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

HE/OS/HR/CR/02/6/A

Manage Health Information

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 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 in this section.

1. Data lifecycle entails various processes such as cleaning and dissemination. Distinguish between data cleaning and data dissemination. (2 Marks)
2. Health information as a building block forms an integral part of healthcare. State THREE sources of health information. (3 Marks)
3. As HRIO in charge in your facility there are some security measures you should put in place. State FOUR security measures you will take to ensure the safety of patient health information. (4 Marks)
4. Health information is used widely both locally and globally. Outline three uses of health information. (3 marks)
5. Data processing ranges from simple manual compilation to sophisticated computerized processing. List FOUR advantages of computerized data processing. (4 Marks)
6. The Kenya Health Information System is made of different subsystem. State FIVE subsystems in health information systems. (5 Marks)
7. Vital events play an important role in shaping the trajectory of healthcare delivery. List THREE vital events in health information systems. (3 Marks)
8. Kenya Master Health Facility List (KMHFL) is a comprehensive database of health facilities across the country. Mention FOUR menus in the KMHFL. (4 Marks)
9. Ensuring data availability and accuracy is our day-to-day role as HRIOs. Outline FIVE ways to ensure accurate and accessible data. (5 Marks)
10. Data processing errors can have significant negative impacts in health care. List FOUR examples of data processing errors. (4 Marks)
11. Health Information System used in Kenya has various tools which aid in data collection. List the use of the following MOH tools; (3 Marks)
 - a) MOH 333
 - b) MOH 240
 - c) MOH 204 A

SECTION B: (60 MARKS)

Answer THREE questions in this section.

12. Adopting effective health information system is a challenge among health Informatics personnel in Kenya today.
- a) Explain SIX factors that have led to this challenge. (12 Marks)
 - b) Discuss FOUR roles of government as a stakeholder in healthcare system. (8 Marks)
13. Health information system is a wide field which incorporates many stakeholders and it ranges from a facility to global extent.
- a) Define health information system. (2 Marks)
 - b) Describe FIVE characteristics of a well-designed health information system. (10 Marks)
 - c) Explain FOUR stakeholders in Health Information System. (8 Marks)
14. The Ministry of Health is “Data rich but Information poor”. Explain FIVE possible factors that have led to this situation. (20 Marks)
15. Improved data quality leads to better decision-making across an organization. The higher the quality of data, the more confidence you have in your decisions.
- a. Explain FIVE characteristics of good quality data (10 Marks)
 - b. Discuss FIVE essential principles of health care documentation (10 Marks)

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