

091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

HE/OS/HR/CR/07/6/A

Manage Electronic Health

Nov/Dec 2024



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

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATES

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. The adoption of computerized systems by most hospitals in Kenya has led to automation of medical procedures in different departments. As a health records officer, suggest FOUR medical record procedures you will computerize in your facility. (4 Marks)
2. Mobile Health (m-Health) Services are very vital in ensuring delivery of quality care. Highlight FOUR m-Health services commonly used in Kenyan health system (4 Marks)
3. One of the major debates of Electronic Health (e-Health) is its security of patient's records. As a health records and information officer, identify FOUR security threats facing e-Health in Kenya today. (4 Marks)
4. E-Health and m-Health comes in handy to ensure delivery of quality Health services. Differentiate between e-Health and m-Health. (4 Marks)
5. Electronic Health Records has many pros than cons. List FOUR pros of using electronic based health records. (4 marks)
6. Electronic Health has myriads of challenges that prevents its efficacy in performing its functions. State FOUR challenges that arises from using electronic health records. (4 marks)
7. Remote Monitoring is a new trend that is broadly used by electronic Health. State FOUR applications for remote monitoring. (4 Marks)
8. Health data play an important role in understanding, managing, and improving the well-being of individuals and populations. Enumerate FOUR sources of health data. (4 Marks)
9. Scheduling can be done either manually or electronically. Identify FOUR importance of electronic scheduling. (4 Marks)
10. Many departments prefer Electronic Medical Records to Paper-Based records. Facilities are now adopting electronic records for various departments. Outline FOUR departments that use Electronic Medical records in Hospitals. (4 Marks)

SECTION B (60 MARKS)

Answer Any THREE Questions in This Section

11. You are a Health Information Specialist and has been invited to the Annual Universal Health Coverage conference to give a talk on the implementation of e-Health in Nairobi County.
- a) Explain FIVE challenges of e-Health you will highlight (10 Marks)
 - b) Describe FIVE e-Health security measures you would check on (10 Marks)
12. When implementing telemedicine for any hospital, the facility managers have to consider the cons and pros of telemedicine to the facility.
- a) Explain FIVE uses of telemedicine in the facility. (10 Marks)
 - b) Describe FIVE challenges of telemedicine that the facility may face. (10 Marks)
13. A growing number of developing countries are using mobile technology to address health needs. The m-Health field is remarkably dynamic, and the range of applications being designed is constantly expanding.
- a) Discuss FIVE benefits of mobile Health apps in developing countries. (10 Marks)
 - b) Explain FIVE m-Health security threats. (10 Marks)
14. E-Health has ten major characteristics that are also referred as the 10 Es of e-Health. Discuss the TEN Es of e-Health. (20 Marks)

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