

**091906T4HRI**

**HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6**

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

**MANAGE HEALTH INFORMATION**

**NOV /DEC 2023**



## **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 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 questions in this section*

1. As a health information expert, define the following terms:
  - a) Information system (2 Marks)
  - b) Health information (2 Marks)
2. During Continuous Medical Education (CME) presentation, one of the participants asked the facilitator to explain for her the difference between primary data and secondary data. What should have been his response to this question? (4 Marks)
3. A functioning Health Information System is very beneficial. State THREE importance of Health Information System (3 Marks)
4. Health information system should generate information for different uses by different health system stakeholders.
  - a) What do you understand by the term stakeholders? (2 Marks)
  - b) Recall TWO examples of internal stakeholders of HIS (2 Marks)
5. Quality data is very essential for decision making. Outline FOUR characteristics of quality data (4 Marks)
6. Different level of hospitals offers different services. List FOUR types of services that a sub county hospital can offer. (4 Marks)
7. Using a diagram, illustrate the information cycle in a simplified form (4 Marks)
8. There are several outstanding characteristics of a functioning HIS. Highlight THREE characteristics of a well-functioning HIS (3 Marks)
9. The information cycle describes how information is produced, distributed and changes over time.
  - a) Recall TWO tools used in stage three (analysis stage) of the information cycle (2 Marks)

- b) As a health records officer, state TWO methods in which you will present your data to different actors within the hospital (2 Marks)
10. Identify FOUR components of Health Information System (4 Marks)
11. As a health records and Information officer, state any TWO facility-based routine registers you will use to prepare your reports. (2 Marks)

**SECTION B: (60 MARKS)**

*Answer any **THREE** questions*

12. The structure of health services in Kenya is organized based on type, target and level.
- a) State the organization of health services in Kenya based on type (4 Marks)
  - b) State the organization of health services in Kenya based on type Target group (cohort) (6 Marks)
  - c) Describe the organization of health services in Kenya based on level (10 Marks)
13. Indicators are crucial when it comes to Monitoring and Evaluation of health programs.
- a) Define the term indicator (2 Marks)
  - b) State TWO uses of health indicators (2 Marks)
  - c) Explain FOUR qualities of a good indicator (8 Marks)
  - d) Describe FOUR examples of health-related indicators (8 Marks)
14. Implementation of effective health service delivery in Kenya has been a challenge over the years.
- a) Describe FIVE challenges facing service delivery in Kenya (10 Marks)
  - b) Suggest FIVE possible solutions to challenges described in (a) above (10 Marks)
15. Vital registration is one of the sources of data for Health Information System (HIS) under population-based data.
- a) Describe THREE types of vital registration data (6 Marks)
  - b) Explain FOUR advantages of vital registration as a source of HIS data (8 Marks)
  - c) Apart from vital registration, state any SIX sources of Health Information data (6 Marks)

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