091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

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

Manage Health Information

July /Aug 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 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. As a health records officer, your supervisor has tasked you to design a questionnaire to be used in field data collection.

   a) What do you understand by the term data? (1mark)

   b) State THREE qualities that you will prioritize on to ensure your questionnaire is good and meets the standard (3 Marks)

2. The information cycle describes how information is produced, distributed and changes over time.

   a) Recall TWO tools used in data analysis (stage three) (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)

3. The historical development of HIS in Kenya can be traced back to 1970.

   a) In which year did the government of Kenya introduce Medical Records Technology course to boost the HIS to a greater extent? (1mark)

   b) Over the years, the domain areas or areas of interest of HIS have narrowed down into four groups. Recall these FOUR areas of interest (4 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? (1Mark)

   b) As a health records officer, name any other THREE internal stakeholders of HIS in your facility (3 Marks)

5. Health Information System can be described as interdependent as the entire architecture depends on each component.

   a) What do you understand by the term system? (2 Marks)

   b) State TWO human components of health information within a hospital

   (2 Marks)

6. Kenya is one of the many countries that have widely used DHIS2. As a sub county health records and information officer, in what FOUR ways can you can utilize DHIS2?

   (4 Marks)

7. As an advisor to the hospital administration, give THREE qualities of a well-functioning HIS you will recommend to the hospital. (3 Marks)

8. Mr. X has been appointed as the data manager in a newly set up Hospital. Outline FOUR organization units he is likely to collect data from. (4 Marks)

9. As a health records officer, highlight FOUR ways in which you can utilize health data and information. (4 Marks)

10. As a researcher who is interested in secondary data, state FOUR sources you are likely to collect your data from. (4 Marks)

SECTION B: (60 MARKS)

Answer any THREE questions in this section

11. As a health records officer in charge, one of your roles is to make sure that routine data collection and reporting tools are error free.

    a) Describe FIVE common errors/mistakes in routine data collection and reporting tools (10marks)

    b) Explain FIVE ways how you will ensure data quality (10marks)

12. To summit reports in a hospital, health records officers need to have good understanding of the types of reports and different types of data collection tools. As a health records officer incharge,

    a) State any FOUR categories under which health reports can be grouped according to their time of submission (4marks)

    b) Describe any FIVE-facility based routine registers you will use to prepare your reports. (10marks)

    c) Describe THREE uses of health reports (6marks)

13. You have realized that unauthorized persons have been accessing electronic health data in your department. As a qualified health records technician, discuss any FIVE advice you would give the hospital management to improve health data security (20marks)

14. Implementation of effective HIS in Kenya has been a challenge over the years.

    a) Describe FIVE challenges facing HIS in Kenya today (10marks)

    b) Suggest FIVE possible solutions to challenges described in (a) above (10marks)