



AMREF INTERNATIONAL TRAINING CENTER

Qualification Code : 091905T4HRI
Qualification : Health Records and IT Level 5
Unit Code : HE/OS/HR/CR/01/5/A
Unit of Competency : Manage Health Information Systems

WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATES

- 1. This paper consists of **TWO** sections: A and B.*
- 2. Answer questions as per instructions in each section.*
- 3. Maximum marks for each question are indicated in brackets ().*
- 4. You are provided with a separate answer booklet.*

This paper consists of FOUR (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

1. Define the following terms as used in Health Information Systems. (4marks)
 - a. Data
 - b. Information
 - c. Health Management information system
 - d. Indicators
2. Health Information System develops and maintain an accessible and comprehensive health information system which is flexible to the needs of patients, health care providers, health managers, evaluators. Enumerate **FOUR** ultimate objective of a health information system (4marks)
3. Indicators help measure what actually happened in terms of quality, quantity, and timeliness against what was planned .Enumerate **FOUR** indicators that are commonly used to assess the quality and effectiveness of health system outputs. (4marks)
4. A health information system can be considered to consist of several separate subsystems .Name **FOUR** health information systems' subsystems (4marks)
5. As a health records officer you are required mainly to do monthly and quarterly reporting. Identify **FOUR** actors operating at the macro-decision level in Health Information Systems. (4marks)
6. Health Information Systems experience various challenges .State **FOUR** challenges that a working health information system is likely to experience. (4marks)
7. Stakeholders are people interested and take part in a program. Highlight **FOUR** stakeholders in the health information systems. (4marks)
8. Data is an important aspect in health information cycle. Name **TWO** types of data collected in HIS. (4marks)

9. The Health Records Officer is expected to do dissemination of Health Information to all the levels of Information flow for this information to perform the desired task. Outline **FOUR** examples of facilities falling at the Primary Health Care level.

(4marks)

10. Routine data entails sources of data for disease burden specifically for mortality and morbidity for care and organization of the health services. Mention **FOUR** weaknesses in routine data reporting.

(4marks)

SECTION B: 60 MARKS

Answer any THREE questions from this section.

11. Health Information is one of the most essential components of health delivery system.
- Describe **FIVE** uses of health information. (10 marks)
 - Discuss FIVE MOH service Registers (10 marks)
12. A health system in Kenya has been categorically organized to ensure smooth running of health services.
- Describe the organization of a health system in Kenya. (10marks)
 - Discuss **FIVE** data sets used in collecting data required by the health information services (10 marks)
13. One of the objectives of Health Information System was to generate quality and timely data required for planning, M&E, efficient management of health services and decision making.
- Define health information system (2marks)
 - Describe **FIVE** characteristics of a well-designed health information system (10marks)
 - Explain any **FOUR** stakeholders in Health Information System (8marks)
14. As a health records officer you are required mainly to do monthly and quarterly reporting.
- Explain the flow of Health Information from the lowest level to the highest level, considering the bottom – top concept. (5marks)

- b. Health informatics deals with application of computers. Discuss **FIVE** applications of computers in data reporting in healthcare. (10marks)
- c. Identify **FIVE** users of health data. (5marks)

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