

SECTION A: ANSWER ALL QUESTIONS (30 Marks)

1 Highlight and outline examples of the following Community Health Information, Systems, Concepts

- a) Community Health Information System (1 mark)
- b) Information (1 mark)
- c) Systems (1 mark)
- d) Information System (1marks)

2 Outline 8 importance of community health information and in each give any example (4 Marks)

3 Highlight and elaborate 4 dimensions of Information Systems Life Cycle that is used Routinely in Community Health information system (4 Marks)

4 State the names of the following 4 community Health Information Systems (CHIS) DATA tools and highlight their uses by giving any examples (4marks)

- a) MOH 100
- b) MOH 513,
- c) MOH 514,
- d) MOH 516,

5 State 4 measurements of data quality for performance and highlight examples in each (4marks)

6 Highlight the definition of the following chis data concepts and give examples

- a) Data Quality (1 mark)
- b) Data Standards (1 mark)
- c) Data Aggregation (1 mark)
- d) Data Analysis (1 mark)
- e) Data Processing (1 mark)
- f) Data Quality assurance (1 mark)

7. Define the following terminologies as used in CHIS? (4 marks)

- a) Monitoring
- b) Evaluation

SECTION B LONG ANSWER QUESTIONS (20 MARKS EACH)

8. The governor through the health management department in your county has appointed you as the head of community health information systems (CHIS). Your first task in your new job is to ensure there is a robust health information system in place for routine data that will enable evidence-based decision-making processes. Factoring any concepts of Routine community health information systems (CHIS), by giving examples to the county health leadership that appointed you, Discuss;

- a) Information Communication Technology (ICT) concept. (5 marks)

- b) CHIS design (5 marks)
- c) CHIS reforms (5 marks)
- d) CHIS Performance assessment (5 marks)

9. You are a Health Information systems Manager attending a community health management meeting with the top leaders of a health organization. The meeting is focused on the Importance of monitoring and evaluation at the community, Benefits of M&E, who is involved, ways of monitoring, frequency of monitoring, and indicators that are of community health importance which will be tracked and reported from time to time. The meeting concludes that the practice of a well-designed routine community health information system is that it MUST have an efficient and effective Monitoring and evaluation (M&E) Design in place. As the health information system manager in the meeting, using community health example you were tasked to Draw, Design, and illustrate the following:

- a) Monitoring & Evaluation (M&E) Framework. (10 marks)
- b) Monitoring and evaluation (M&E) results framework (5marks)
- c) Using the theory of change (M&E logic model) explain the 5 Indicator levels. (5marks)

9. The government through the digitization process is planning to effect the electronic community health systems(eCHIS) at the community health level to create data demand and use in decision-making. You are the head of Community health information systems in Kenya;

- a) Highlight 5 human resources for CHIS (5 Marks)
- b) Indicate which ones of human resources are the workforce and labor force that are required in CHIS. (5 Marks)
- c) Discuss the importance CHIS in human resources s (10 Marks)