JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DIPLOMA OF
COMMUNITY HEALTH AND DEVELOPMENT

2ND YEAR 1ST SEMESTER   2023/2024 ACADEMIC YEAR

MAIN/KISUMU

COURSE CODE: **HDC 2214**

COURSE TITLE: **MANAGEMENT OF COMMUNITY HEALTH INFORMATION**
SYSTEMS 1

EXAM VENUE: **STREAM: (TVET CHD)**

DATE: **EXAM SESSION:**

TIME: 3. 00 HOURS

Instructions:

1. **Answer all questions in section A and any other 2 questions in Section B.**

2. **Candidates are advised not to write on the question paper**

3. **Candidates must hand in their answer booklets to the invigilator while in the examination room**

SECTION A: Answer ALL questions (40 marks)

1. Define the following terms:

      a) DHIS-2   (1 mark)
      b) Community Health Unit   (1 mark)
      c) Kenya Master Health Facility List (KMHFL)   (1 mark)
      d) Focus Group Discussion   (1 mark)
      e) Community Chalkboard   (1 mark)

2) Briefly explain why data security is important in Management of Health Information (3mks)

3) Why is it important to engage stakeholders in system assessment?   (2mks)

4) Differentiate between Data and information   (2mks)

5) Differentiate between Community Health Information Systems (CHIS) and Health Management Information Systems (HMIS) and explain their connection. (3 Marks)

6) Briefly explain how you would develop a training plan for community health information system training   (5mks)

7) Briefly explain THREE official paper-based tools used by the Ministry of Health (MoH) to support data collection at the community level (3 Marks)

8) Data reliability is an essential characteristic of high-quality data. Highlight THREE attributes of good quality data. (3 Marks)

9) Explain best practices to ensure data quality   (3 marks)

10) Explain how you would prepare and disseminate a health report (6 marks)

11) Explain how you would conduct capacity building to improve health information systems   (5 mks)

Section B: Answer any THREE questions, 60 marks

1) Briefly explain how you would conduct the following in Management of Health Information system:
    a. Review system documentation   (**4mks)**
    b. Evaluate system functionality (**4mks)**
    c. Analyze data quality   (**4mks)**
    d. Assess user satisfaction   (**4mks)**
    e. Monitor data collection progress   (**4mks)**

2. The Government of Kenya recognizes the vital role played by information systems in measuring the performance of healthcare delivery and generating data to support program monitoring, planning, and evaluation of various community health programs.

    a) Explain FIVE benefits of community health information to the healthcare systems in Kenya. (10 Marks)
    b) List FIVE main features of good community health information system. (5 Marks)

3. Community Health Information System (CHIS) requires to be assessed to identify challenges as well as good practices. This assessment is a six-phase process.
   c) Describe the SIX phases involved in assessing the community health information system. (12 Marks)
   d) Highlight THREE benefits of conducting a CHIS needs assessment (3 Marks)

4. Capacity strengthening of CHWs is a significant challenge and lies at the core of developing a sustainable CHIS.

   a) Discuss FIVE inherent limiting conditions to effective capacity strengthening programs (10 Marks)
   b) List FIVE questions to address during CHIS training needs assesment (5 Marks)