JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR DIPLOMA IN HEALTH RECORDS

2ⁿᵈ YEAR 2ⁿᵈ SEMESTER 2024/2025 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE:　　　　　　　　**HDR 2221**

COURSE TITLE:　　　　　　　　　　**Management of Health information II**

EXAM VENUE:　　　　**STREAM:**　(Diploma in Health Records)

DATE:　　　　　　　　　　**EXAM SESSION:**

TIME:　　　　　　　　　　**3 HOURS**

Instructions:

1. Answer question 1and AND 3 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 TOTAL (40MKS)

SECTION A: Question 1.

1) Briefly explain the following terms as applied in Management of Health Information:
12mks
   i. Electronic Heath Records (EHSs)
   ii. Data security
   iii. Data privacy
   iv. Data quality Assurance
   v. Health information Management systems
   vi. Health information Exchange (HIE)

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

3) How would you establish Health Information Exchange   **4mks**

4) List THREE widely used information systems for data management
      3mks

5) Briefly explain how you would maintain data quality assurance   **4mks**

6) Why is it important to integrate health information exchanges? **4mks**

7) Briefly explain how carry out data design   **4mks**

8) Outline any SIX data collection tools   **6mks**

9) Outline any FOUR patient information you would capture in your records **4mks**

Section B: Answer 3 questions, 60 marks

1. Discuss the steps you would follow to analyze Health data   20mks

2. Processing health data involves a series of steps to organize, clean, analyze, and interpret the information. Explain what happens at every step

3. Explain
   a. Best practices to ensure data quality   10mks
   b. Types of data security   10mks

4. Explain TEN attributes of data quality   20mks