



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

**UNIVERSITY EXAMINATION FOR DIPLOMA IN HEALTH RECORDS AND IT
(TVET)**

2ND YEAR 1ST SEMESTER 2024/2025 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: HDR 2212

COURSE TITLE: MANAGEMENT OF HEALTH INFORMATION I

TIME: 2 HOURS

Instructions:

- 1. The paper has two sections A and 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 (40 MARKS)

ANSWER ALL THE QUESTIONS IN THIS SECTION

1. Define the following terms as used in Health Information System (4 marks)
 - a. Data
 - b. Information
2. List four qualities of a good data (4marks)
3. State four examples of common data errors (4marks)
4. Identify five features of electronic health records (5 marks)
5. As the head of department of Health Records in your facility, state four security measures you will take to ensure that patient health information is safe (4marks)
6. The health records department in your facility is preparing for data collection in a field in a week's time. As a health records technician, list four data collection tools you will assemble in readiness for the exercise (4marks)
7. State four problems that are associated with traditional paper health records system (4 marks)
8. Outline four advantages of using electronic health recording system (4 marks)
9. Data collation and data collection are two terms that are always used interchangeably but they have different meaning.
Distinguish between data collation and data collection. (4marks)
10. Outline three data collection point in a hospital. (3marks)

SECTION B (60 MARKS)

ANSWER ANY THREE QUESTIONS IN THIS SECTION

11. As a health records and information officer, describe any five roles you are likely to perform in a hospital. (10 marks)
- b) Describe five benefits of accurate documentation in Health Information System (10 marks)
12. One of the objectives of Health Information System is to generate quality and timely data required for planning, M&E, efficient management of health services and decision making.
- a. Define health information system (2marks)
- b. Describe five functions of Health Information System (10marks)
- c. Explain four stakeholders in Health Information System (8marks)
13. Discuss five uses of health information (10 marks)
- b) Describe five challenges of Electronic Health Records (10 marks)
14. Explain the role of information technology in health care delivery and quality assurance (10 marks)
- b) Confidentiality of personal health information is guaranteed in any healthy facility. Discuss five ways how this is achieved (10 marks)
15. You have been selected to do a presentation on legal aspects of health records. Describe what you would include in your presentation (20 marks)