**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR TVET DIPLOMA IN HEALTH RECORDS MANAGEMENT**

**2ND YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR**

**MAIN CAMPUS**

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COURSE CODE:     HDR 2226

COURSE TITLE:     MANAGEMENT OF ELECTRONIC HEALTH II

EXAM VENUE:                                         STREAM: (TVET Dip. Health Records)

DATE:                                                       EXAM SESSION:

TIME:  3.00 HOURS

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Instructions:

1. Answer question ONE and any other THREE

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.

**ANSWER QUESTION ONE AND ANY OTHER THREE**


**QUESTION ONE**

a) Define the following terms
   i.     Electronic patient booking                    (2mks)
   ii.    Retrieval                                      (2mks)
   iii.   Appointment                                    (2mks)
   iv.    Health agent data                              (2mks)
   v.     Disease surveillance                           (2mks)
b) Explain challenges of adopting electronic patient management systems (10mks)
c) Discuss components of a quality health record report         (10mks)
d) eCHIS is the current trend in collection and management of health data from level 1 health service delivery. Discuss five operational features of eCHIS  (10mks)

**QUESTION TWO**
Health agent data is often used for personal health tracking, medical research or to provide information health care providers for diagnosis and treatment. Discuss presentation and dissemination of health agent data. (20mks)

**QUESTION THREE**

a) With aid of examples, define electronic patient management system.  (4mks)
b) Discuss importance of electronic patient management system              (6mks)
c) Discuss features of electronic patient management system                (10mks)


**QUESTION FOUR**

a) State methods of data collection                                       (4mks)
b) Explain future trends in report generation and intervention            (8mks)
c) As a Health Records and Information Officer, discuss challenges faced in health records management  (8mks)

**QUESTION FIVE**

As a health records professional, compare and contrast electronic health systems and manual systems (20mks)

**QUESTION SIX**

a) Disease surveillance answers epidemiological questions "Who, When, Where, and How?" Discuss sources of disease surveillance (10mks)
b) Discuss the process of disease surveillance    (10mks)