20

(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

(MAIN CAMPUS)

UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DIPLOMA
IN
COMMUNITY HEALTH AND DEVELOPMENT

COURSE CODE: CHD 325

COURSE TITLE: HEALTH INFORMATION SYSTEMS

DATE: 21/4/2022   **TIME: 8.00-10.00AM**

INSTRUCTIONS:
ANSWER ALL QUESTIONS IN SECTION (A) AND ANY OTHER TWO QUESTIONS IN SECTION (B).

TIME: 2 Hours

SECTION A

ANSWER ALL QUESTIONS IN THIS SECTION

1. Explain the following concepts:
   a. System (1 mk)

   b. Health system (1 mk)

   c. Information system (2 mks)

   d. Health information system (2 mks)

2. Explain the components of of health information system (5 mks)

3. Outline the steps involved in development life cycle of information system (6 mks)

4. Identify FIVE benefits of health information system (5 mks)

5. Give the meaning of the following acronyms (5 mks)

   i. C. E.R

   ii. E.L.R

   iii. H. I. S

   iv. E. H. R

   v. E. M. R

6. Identify FOUR roles of clinical component of electronic health records (4 mks)

7. Outline FIVE roles performed by billing system in a health facilities (5 mks)

8. Highlight FOUR methods of capturing and recording hospital data (4 mks)

SECTION B

ANSWER ANY TWO QUESTIONS IN THIS SECTION

1. Explain the FOUR common record structures (8 mks)

    B). Identify SEVEN legal and ethical issues in health information system (7 mks)

2. Expound on the types of data bases (15 mks)

3. Highlight benefits of good data Management to the following;

    i.   Data suppliers (3 mks)

    ii.   Data users and customers (4 mks)

    b) Outline the types of health information system (8 mks)