



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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University Examinations 2023/2024

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF SCIENCE
IN HEALTH RECORDS INFORMATION MANAGEMENT

HPR 3421: HEALTH INFORMATION SYSTEMS MANAGEMENT

DATE: APRIL 2024

TIME: 2 HOURS

INSTRUCTIONS:

Answer question one and any other two questions in section B

QUESTION ONE (30 MARKS)

1. Using concept of health information system management as a health record. Define the following terms (5 marks)
 - i. Data
 - ii. Hardware
 - iii. Software
 - iv. Network
 - v. Procedures
 2. Explain five categories of health information systems resources (5 marks)
 3. Explain five importance of human factor in health information system management (5 marks)
 4. Describe the system development life cycle in HIS (5 marks)
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5. Outline five skills for health record and information officer to be included in the project management (5 marks)
6. Discuss the relationship between health information system (HIS) and health system (5 marks)
7. State one type of users in HIS, and state his/her information needs while stating system requirements (5 marks)
8. Explain five characteristics of the classical model of the decision-making process (5 marks)

SECTION B

1. Explain ways to enhance the use of information in decision making (15 marks)
2. Discuss the essential information requirements for patient/client management in a decentralized health system compared to the national health system (15 marks)
3. Describe data management process in HIS (15 marks)