



# **MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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## **University Examinations 2023/2024**

### **THIRD YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF HEALTH RECORDS AND INFORMATION MANAGEMENT**

#### **HPR 3323: RESEARCH METHODOLOGY FOR HEALTH SCIENCES**

**DATE: APRIL 2024**

**TIME: 2 HOURS**

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#### **INSTRUCTIONS:**

*Answer question one and any other two questions*

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#### **QUESTION ONE (30 MARKS)**

- a) Explain briefly the reason why people do research (5 marks)
- b) Research (2 marks)
- c) A define research design (2 marks)
- d) Explain briefly the contents of an abstract (5 marks)
- e) Importance of literature review (5 marks)
- f) Explain briefly the process of data analysis (5 marks)
- g) Define the following terms (6 marks)
  - i. Data
  - ii. Population
  - iii. Sampling frame

## **SECTION B: LONG ANSWER QUESTIONS (40 MARKS)**

### **CHOOSE ANY TWO QUESTIONS**

1. Describe the research process (20 marks)
2. It has been reported that uptake of family planning has reduced at Meru hospital
  - a. Give a possible topic of study
  - b. Explain appropriate design
  - c. Explain a possible problem statement
3. Define a variable (2 marks)
  - i. Explain 4 types of variables (8 marks)
4. Describe with examples probability and non-probability sampling (10 marks)