

CHUKA UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE
IN HEALTH RECORDS AND INFORMATION MANAGEMENT**

HRIM 254 ANALYSIS AND INTERPRETATION OF HEALTHCARE DATA

STREAMS: BSC HIRM Y2S2

DATE: JUNE 2021

TIME: 2 HOURS

INSTRUCTIONS:

SECTION A

- 1. There are two sections in this paper.**
- 2. Answer questions 1 and 2 from SECTION A, Answer question three and any other one question from SECTION B.**
- 3. Start every question on a new page**

Question 1 (20 Marks)

- a. Explain the data analysis process (5 Marks)
- b. State the various methods of data analysis (5 Marks)
- c. Identify 5 uses of healthcare data (5 Marks)
- d. Discuss the advantages and disadvantages of secondary data (5 Marks)

Question 2 (20 Marks)

- a. Describe the various types of data (5 Marks)
- b. Discuss the considerations in choosing a method of data analysis (5 Marks)
- c. Explain the techniques for analyzing quantitative data (5 Marks)
- d. Outline the strategies for data interpretation and analysis(5 Marks)

SECTION B: Answer question 3 (Three) and any other 1 (one) question from this section

Question 3

As a Health Records and Information Officer, discuss how you would collect, analyze, and present data in a health facility. Describe the various data tools you would use and the various measures you would use in your analysis (15 Marks)

Question 4

Discuss the methods of data collection (15 Marks)

Question 5

Describe the sources of data in a health facility (15 Mks)