

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

HRIM 253: HEALTH CARE AND PATIENT DATA SYSTEM

STREAMS: BSC HIRM Y2 S2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 7 /07/ 2021

8.30 AM – 10.30 AM

INSTRUCTIONS:

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

SECTION A

Question 1 (20 Marks)

- a. Differentiate data from information. [5 Marks]
- b. State the characteristics of a system. [5 Marks]
- c. Describe the organization of the health system in Kenya according to Kenya Health Sector Strategic Plan III. [5 Marks]
- d. State the disadvantages of routine administrative data. [5 Marks]

Question 2 (20 Marks)

- a. Describe the dimensions of data quality. [5 Marks]
- b. Describe the sources of health care data. [5 Marks]
- c. Explain the application of Information Technology (IT) in healthcare. [5 Marks]
- d. Outline the process of developing patient care information system. [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 the importance of a Health Information System. [15 Marks]

Question 4

Describe the challenges in developing a patient care information system. [15 Marks]

Question 5

Compare and contrast a manual Health Information System and an Electronic Health Information System. [15 Marks]

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