

CHUKA UNIVERSITY
UNIVERSITY EXAMINATIONS 2020/2021
EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN NURSING
NULM 844 HEALTH INFORMATION MANAGEMENT

DATE: JUNE 2021

TIME: 3 HOURS

Instructions:

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

SECTION A

Question 1 (20 Marks)

- a. Outline the sources of health information (5 Marks)
- b. Identify the characteristics of data quality (5 Marks)
- c. Differentiate between data and information (5 Marks)
- d. Describe the organization of the health system in Kenya according to Kenya Health Sector Strategic Plan III (5 Marks)

Question 2 Case (20 Marks)

- a. Discuss the value and uses of health information (10 Marks)
- b. Describe the phases of a Systems Development Life Cycle (SDLC) (10 Marks)

SECTION B: Choose any 3 (Three) questions from this section

Question 3

As a practicing nurse, discuss the circumstances under which a patient's information can be disclosed (10 Marks)

Question 4

Compare and contrast a manual Health Information System and an Electronic Health Information System (10 Marks)

Question 5

Discuss the benefits of telemedicine (10 Marks)

Question 6

As a practicing nurse, discuss how you would apply knowledge and skills in Health Information Management in your work (10 Marks)