

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE  
OF MASTER OF SCIENCE (NURSING)

NULM 844: HEALTH INFORMATION MANAGEMENT

STREAMS:

TIME: 3 HOURS

DAY/DATE: WEDNESDAY 14/07/2021

11.30 A.M. – 2.30 P.M.

INSTRUCTIONS:

- There are two sections in this paper
- Answer 5 (five) questions in total
- Answer questions 1 and 2 from SECTION A and any other 3 (three) question from SECTION B
- Start every question on a new page

SECTION A

Question 1 (20 marks)

- (a) Outline the source 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 Systems 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 skill in health Information Management in your work. (10 marks)

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