

CHUKA



UNIVERSITY

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

HRIM 358: PUBLIC HEALTH INFORMATICS

STREAMS: HRIM

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 16/04/2025

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

SECTION ONE (40 MARKS) ANSWER ALL QUESTIONS IN THIS SECTION

- 1) State 5 roles of public health informatics [5 marks]
- 2) In 5 points rationalize public health informatics evaluation [5 marks]
- 3) List 5 ways global public health research gains from public health informatics. [5 marks]
- 4) State 5 outcomes of evaluating health informatics [5 marks]
- 5) State 5 target areas of evaluation in public health informatics [5 marks]
- 6) Identify 5 hindrances to public health informatics performance [5 marks]
- 7) List 5 responsibilities of HRIM officer in public health informatics [5 marks]
- 8) Describe the structure of global public health network [5 marks]

**SECTION TWO (30 MKS) QUESTION 1 IS COMPULSORY, ATTEMPT ANY ONE OF
TWO OTHER QUESTIONS**

- Q1. Global public health practices continually enjoy immeasurable convenience in containment of disease determinants, thanks to electronic technology. Describe 5 global soft wares that are in regular use [15 marks]

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Q2. Explain 3ways in which public health informatics contribute to following health subunits

[15 marks]

- a) Genomic related disease management
- b) Medical research
- c) Medical education

Q3. Describe responsibilities of the following officers in public health informatics [15 marks]

- A. Public health officer
 - B. ICT manager
 - C. Financial controller
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