

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATION  
RESIT/SUPPLEMENTARY / SPECIAL EXAMINATIONS  
EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN  
HEALTH RECORDS AND INFORMATION MANAGEMENT**

**HRIM 121: EPIDEMIOLOGY FOR HEALTH RECORDS AND INFORMATION  
MANAGERS I**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 02/11/2021**

**11.30 A.M - 1.30 P.M.**

**INSTRUCTIONS**

- Answer all questions in section A (40 Marks)
- Question three in section B is compulsory. Answer any other one questions in section B

**SECTION A**

**QUESTION ONE**

- a. Define:
- Epidemiology (3 Marks)
  - Health (2 Marks)
- b. Explain the epidemiologic triangle (5 Marks)
- c. State the types of epidemiological studies (5 Marks)
- d. Explain the scope and objective of epidemiology (5 Marks)

**QUESTION TWO**

- a. Explain methods of measuring occurrence of diseases (5 Marks)
- b. Differentiate prevalence from incidence (5 Marks)
- c. State the adverse effects in screening (5 Marks)
- d. Differentiate validity from reliability (5 Marks)

**SECTION B Answer question three and any other one question**

**QUESTION THREE**

As a Health Records and Information Officer, describe how you would use epidemiology skills and knowledge in your duties (15 Marks)

**QUESTION FOUR**

Describe the steps in investigating a disease outbreak (15 Marks)

**QUESTION FIVE**

Describe the four most common types of epidemiological studies (15 Marks)

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