

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

HRIM 226: INTEGRATED DISEASE SURVEILLANCE AND RESPONSE

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 23/03/2021

2.30 P.M – 4.30 P.M

INSTRUCTIONS:

1. Section A is compulsory

2. Question two in section B is compulsory

3. Answer any other one question in section B

SECTION A (COMPULSORY) (40 MARKS)

QUESTION ONE

- (i) Explain in detail the following terms as used in disease surveillance.
 - (a) Disease eradication [3marks]
 - (b) Disease elimination [3 marks]
 - (c) Public health surveillance [3 marks]
 - (d) Case definition [3 marks]
- (ii) Outline the purpose of integrated disease surveillance in a developing country.
[4 marks]
- (iii) State three advantages of practicing sentinel surveillance system [4 marks]
- (iv) Explain any four components of public health surveillance. [4 marks]
- (v) Describe four ways of disseminating surveillance results. [4 marks]
- (vi) Describe any six attributes that are considered during evaluation of a public health surveillance system. [6 marks]

- (vii) Explain three forms of case definitions that can be used by the surveillance team in the field. [6 marks]

SECTION B : ATTEMPT QUESTION TWO AND ANY OTHER ONE QUESTION

QUESTION TWO

Discuss in details the steps in takes in evaluation of a public health surveillance system. [15 marks]

QUESTION THREE

Discuss surveillance under the following topics. [15 marks]

- (i) Event
- (ii) Reporting
- (iii) Data

QUESTION FOUR

Describe three types of surveillance systems giving advantages and disadvantages. [15 marks]

QUESTION FIVE

Explain five reasons why public surveillance systems are conducted in organized public health system. [15 marks]
