



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END OF SEPTEMBER-DECEMBER TRIMESTER 2022 EXAMINATIONS

CHP 231: Disease Surveillance

Date: 29th November 2022

Time: 2 hours

Start: 4.00 PM

Stop: 6.00 PM

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 Marks)
Section B: Long Answer Questions (40 Marks)
3. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. This online exam shall take 2 Hours
5. Late submission of the answers will not be accepted
6. Ensure your web-camera is on at all times during the examination period
7. No movement is allowed during the examination
8. Idling of your machine for 5 min or more will lead to lock out from the exam
9. The Learning Management System (LMS) has inbuilt integrity checks to detect cheating
10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
11. In case you have any questions call the Head of Department on Tel +254720573449
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: SHORT ANSWER QUESTIONS (30 Marks)

1. Define the following terms as used in disease surveillance (5 marks)
 - a. Mortality (1 Mark)
 - b. Morbidity (1 Mark)
 - c. Crude death rate (1 Mark)
 - d. Active surveillance (1 Mark)
 - e. Vital statistics (1 Mark)
2. Highlight five stakeholders that should consume surveillance information due to their responsibility for disease prevention and control (5 marks)
3. Outline five reasons for disease surveillance (5 marks)
4. Highlight five challenges one might encounter when conducting active surveillance (5 marks)
5. Outline five benefits of standard case definitions (5 marks)
6. Highlight five conditions under which active surveillance is appropriate (5 marks)

SECTION B: LONG ANSWER QUESTIONS 20 MARKS EACH. ATTEMPT ANY TWO QUESTIONS.

7. Discuss the steps in planning a surveillance system (20 marks)
8. Answer the following questions;
 - a. Define Health risk communication (4 marks)
 - b. Describe the role of health communication in public health emergencies (16 marks)
9. Explain five importance of surveillance data (20 marks)

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