AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF COMMUNITY HEALTH

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

END OF SEMESTER EXAMINATION DECEMBER 2024

CHP 231: DISEASE SURVEILLANCE

DATE: WEDNESDAY 11TH DECEMBER, 2024

TIME: TWO HOURS   **START:**   4.30PM   **FINISH** 6.30PM

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
4. Answer any TWO questions in Section B
5. This online exam shall take 2 Hours
6. Late submission of the answers will not be accepted
7. Ensure your web-camera is on at all times during the examination period
8. No movement is allowed during the examination
9. Idling of your machine for 5 min or more will lead to lock out from the exam
10. The Virtual Assessment System (VAS) has inbuilt integrity checks to detect cheating
11. Any aspect of cheating detected during and or after the exam administration will lead to disciplinary measures.
12. In case you have any questions call the unit Lecturer Ms. Margaret Mulingwa on +254735057883 or Head of Department Dr. Faith Muhonja on +254723742370 or ICT related question Mr. Patrick Njine on +254725835496
13. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (30 MARKS). SHORT ANSWER QUESTIONS

1. Define a case definition. (2 Marks)

2. Explain immediate reporting in disease surveillance (2 Marks)

3. Outline the criteria for selection of priority diseases (3Marks)

4. Identify four tools for reporting priority diseases (4Marks)

5. Outline the importance of data analysis and interpretation in integrated disease surveillance (4 Marks)

6. Define an outbreak (1 Mark)

7. Define endemic (1 Mark)

8. Explain public health surveillance (3 Marks)

9. List four the integrated disease surveillance response supportive functions (4 Marks)

10. List four diseases targeted for elimination (2 Marks)

11. Define disease surveillance (2 Marks)

12. Identify a quarantine station (1 Mark)

13. Explain eradication (1 Mark)

SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 MARKS). LONG ANSWER QUESTIONS

14. a) You have been invited to deliver an on-job training on objectives of integrated disease surveillance and response strategy. Discuss. (14Marks)

    b) Describe six Integrated Disease Surveillance and response Core functions (6 Marks)

15. a) Several developing countries face Challenges in disease surveillance Discuss (14 Marks

    b) Explain the importance of feed back to the community in disease surveillance (6Marks)

16. As a health expert you are required to conduct surveillance activities for detecting and responding to priority diseases, conditions and events in Kajemba County. Discuss the steps that you would take to carry out the activities (20 Marks)