



KENYATTA UNIVERSITY

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

PHI 205: INTEGRATED DISEASE SURVEILLANCE AND RESPONSE

2ND SEMESTER 2022/2023

TIME: 2HOURS

INSTRUCTIONS:

SECTIONS A: Compulsory-20 marks

1. (a) Outline any four advantages of integrated disease surveillance (4 marks)
- (b) Describe four ways of disseminating surveillance results (4 marks)
- (c) Identify any four features of good public health surveillance system (4 marks)
- (d) Give four factors for selecting a sentinel surveillance facility. (4 marks)
- (e) List four criteria for selecting priority diseases for reporting (4 marks)

SECTION B: Answer question Two (Compulsory) and any other two questions

2. Using illustrations from the Malaria surveillance in Kenya; describe five surveillance system attributes that should be evaluated. (20 marks)
3. Discuss surveillance under the following topics:
 - (a) Event (5 marks)
 - (b) Reporting (5 marks)
 - (c) Data (5 marks)
4. Compare and contrast three basic types of surveillance systems in public health. (15 marks)
5. Observed changes in incidence or prevalence of health events might be the result of an aspect of the way in which surveillance was conducted rather than a true change in disease occurrence. Using relevant examples discuss five causes of such artifactual changes. (15 marks)