UNIVERSITY EXAMMINATION 2018/2019

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF COMMUNITY HEALTH

BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND DEVELOPMENT

REGULAR

UNIT CODE: BPH3111 UNIT TITLE: DISEASE SURVEILLANCE

DATE: MON 17TH DECEMBER 2018 8.00AM MAIN EXAM TIME: 2HOURS

INSTRUCTIONS:

ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO QUESTIONS IN SECTION B

SECTION A: COMPULSOR (40MARKS)

1. Outline the criteria considered for the choice of the prioritized public health events when setting up a disease surveillance system (5marks)
2. Explain the meaning of the following terms as used in disease surveillance systems (5marks)
3. Suspected case
4. Probable case
5. Confirmed case
6. Outline the main reasons why the current surveillance data is not effectively utilized in Kenya (5marks)
7. Distinguish between active and passive surveillance systems (5marks)
8. Describe the term incidence of a disease (5marks)
9. Describe various ways data collected in a surveillance system can be utilized (5marks)
10. Describe the main stakeholders of health information system in Kenya (5marks)
11. Describe the conditions under which quarantine measures are put in place in disease control activities (5marks)

SECTION B: 30MARKS

1. Describe the procedures in data quality verification exercise to strengthen disease surveillance system (15marks)
2. Identify the priority diseases in the integrated disease surveillance and response approach under the following categories: (15marks)
3. Epidemic prone diseases
4. Diseases targeted for elimination and eradication
5. Other diseases of public health importance

11. Describe various methods analyzed data may be presented (15marks)