CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

ANHE 0251: PUBLIC HEALTH

STREAMS:ANSC   **TIME: 2 HOURS**

DAY/DATE: THURSDAY 6/12/2018   **8.30 A.M – 10.30 A.M**

INSTRUCTION:

- **Answer all questions in section A and only two questions in section B**

SECTION A: 40 MARKS

1. Differentiate between food borne infection and food borne intoxication. Give examples.   [5 marks]
2. Describe the characteristics of viral food borne infections.   [5marks]
3. Define the following terms as used in epidemiology.   [1mark]
    (a) Propagated epidemic
    (b) Point epidemic
    (c) Population in epidemiology
    (d) Endemic
    (e) Sporadic
4. Outline five attributes of living agents that contribute to disease occurrence.

    [5marks]
5. Outline five factors affecting maintenance of disease in a population.   [5 marks]
6. Outline the main objectives of ante-mortem meat inspection.   [5 marks]
7. Briefly explain the two most important factors responsible for unwholesomeness of meat products.   [5 marks]
8. Explain briefly the importance of lairaging food animals before they are slaughtered.   [5 marks]

SECTION B (40 MARKS) ANSWER ANY TWO QUESTIONS

9.   Differentiate between the four disease pattern in ppiclaniology giving examples.
[15 marks]

10. A client wishes to construct a slaughter house and seeks your advice. Describe the factors that you would advise to consider.   [15 marks]

11. Analyze the biological characteristics of *C. botulinum food* borne intoxications that would assist in its identification in the laboratory for diagnosis.   [15 marks]