

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

ANHE 0336: PRINCIPLES OF DISEASE CONTROL

STREAMS: DIP (ANHE) Y2S2

TIME: 2 HOURS

DAY/DATE: FRIDAY 8/12/2017

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer ALL questions in Section A and any other TWO in Section B
- Use a pencil where necessary

SECTION A [30 MARKS]

QUESTION ONE

Give the meaning of the following terminologies

[2 Marks each]

- Communicable disease
- Pandemic
- Antigen
- Bio-security
- Ring vaccination

QUESTION TWO

Describe the procedures that are used to manage dangerous contact premises in order to avoid disease spread.

[5 Marks]

QUESTION THREE

Distinguish between complete depopulation and limited depopulation as diseases control strategies.

[5 Marks]

QUESTION FOUR

Describe the important characteristics of an infectious agent favourable for disease occurrence.

[5 Marks]

QUESTION FIVE

List five principles on proper usage of drugs during disease control.

[5 Marks]

SECTION B: [40 MARKS]

QUESTION SIX

- (a) Using examples, explain ways of denying access of disease agents to the susceptible host. [10 Marks]
- (b) Discuss the best practices during stamping out of diseases. [10 Marks]

QUESTION SEVEN

- (a) Discuss how animal husbandry factors can be controlled to reduce disease incidences. [10 Marks]
- (b) Explain the role of environment in disease occurrence. [10 Marks]

QUESTION EIGHT

Discuss the four key steps in managing infectious diseases. [20 Marks]

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