

**UGANDA MARTYRS**



**UNIVERSITY**

**NGETTA CAMPUS  
FACULTY OF AGRICULTURE**

**CERTIFICATE IN AGRICULTURE PRODUCTION**

**CAG 2102: INTRODUCTION TO ANIMAL HEALTH AND DISEASE  
MANAGEMENT**

**FINAL ASSESSMENT**

**ACADEMIC YEAR 2023/2024 SEMESTER ONE**

**CAP II**

**DATE: 4<sup>TH</sup>/DEC/2023**

**TIME ALLOWED: 3 HOURS (9:00am-12:00pm)**

**INSTRUCTIONS:**

- *Attempt any four questions of choice*
  - *All questions carry equal marks*
  - *Start every question on a new page*
  - *Do not write anything on the question paper*
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Qn.1a) Define the following terms as applied to animal health disease investigation (20marks)

- i. Health (2marks)
- ii. Disease (2marks)
- iii. A etiology (2marks)
- iv. Clinical sign (2marks)
- v. Diagnosis (2marks)
- vi. Differential diagnosis (2marks)
- vii. Transmission (2marks)
- viii. Gait (2marks)

- ix. Posture (2marks)
- x. Recumbence (2marks)

b) Explain the following in relation to disease effects in livestock production.

- i. Direct cost
- ii. Indirect cost (5 marks)

Qn.2 a) Explain 10 precaution you need to do in order to maintaining healthy animals in the farm (15 marks)

b) State 5 general measures to control diseases in the farm (10 marks)

Qn. 3 Identify what you would be looking at when carrying out disease investigation in consideration to the following. (25 marks)

- i. Appearance & behavior
- ii. Movement (gait)
- iii. Appetite & feeding
- iv. Urine
- v. Pain
- vi. Feaces
- vii. Skin coat
- viii. Temperature
- ix. Mucous membrane

Qn. 4. Explain 4 ways diseases are classified in the farm (8 marks)

b) Define the following terms giving examples of each

- i. Epizootic
- ii. Enzootic disease
- iii. Exotic
- iv. Sporadic diseases
- v. Panzootic diseases (17 marks)

QN. 5a) Case records begins at the time the animal is taken to a veterinarian or a veterinarian visits the animal; Discuss 10 records

a clinician should consider in order to proceed with his investigation in this case . (20 marks)

(b). Define the following

(i). infectious diseases

(ii). Contagious diseases (5 marks)

Qn 6. Discuss East Coast Fever under aetiology, transmission, control, treatment, host range. (25 marks)

Qn. 7. Indicate the temperature range, pulse rate and respiration rate of the following animals in a tabular form Cattle, pigs, goats, & sheep. (25 marks)

Qn.8 (a) Briefly explain your understanding about the following in preparation of a diagnosis indicating the organ each is performed on.

i. Inspection

ii. Palpation

iii. Percussion

iv. Auscultation

v. Olfaction

(25 marks)

**END**

**SUCCESS AND A MERRY – XMASS**