

Uganda Martyrs University

Faculty of Agriculture

B. Agriculture II Semester II Final Assessment: 2017/2018

Course Unit: MPD 2201: Pest and Disease Management of Domestic Animals

Time: 09:30 am - 12:30 pm

Date: Tuesday 8th May, 2018

Instructions:

- i. Attempt **FOUR** questions, at least **ONE** from each section
 - ii. Each question is 25 marks
 - iii. Do not write anything on a question paper
 - iv. Time: Three hours
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SECTION A

Question 1

Animal factors influence the management of animal pests and diseases. Write short notes on how the following animal factors can influence the management of diseases.

- a) Species
- b) Age and stage of the production cycle
- c) Breed
- d) Behavior

Question 2

With respect to production systems, elaborate how the following can influence management of animal diseases:

- a) Landless systems
- b) Nomadic systems
- c) Intensive systems
- d) Extensive pig production

Question 3

Transboundary animal diseases are diseases that have excluded African Countries from Livestock trade. Write short notes on any 4 transboundary animal diseases in regards to the following:

- a) Distribution
- b) Transmission and reservoirs
- c) Zoonotic potential
- d) Effects on trade

Question 4

Discuss with examples how diseases can be controlled in relation to the following routes of transmission.

- a) Contact (contagious diseases)
- b) Sexual transmission
- c) Vector borne

SECTION B

Question 5

Define a pest. What are the four things needed to make an organism a pest?

Question 6

Pests are often defined by the type of injury or damage they cause.

- a) Name the three classes of pests
- b) Define the terms injury and damage as regards to pests

Question 7

For effective management of goat herd health, some parameters must be considered. Write short notes on the following:-

- a) Causes of scouring in goats
- b) Causes of pre-weaning deaths
- c) Control of gastro-intestinal nematodes

Question 8

Write short notes on the following goat diseases.

- a) Coccidiosis
- b) Mange
- c) lameness