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University Examinations 2012/2013

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR CERTIFICATE/DIPLOMA IN
AGRICULTURE

ANS 0231: ANIMAL DISEASES

DATE: AUGUST 2013

TIME: 1½HOURS

INSTRUCTIONS: Answer questions *one* and any other *two* questions

QUESTION ONE – (30 MARKS)

- a. Define the following terms: (5 Marks)
- Etiology
 - Epidemiology
 - Morbidity
 - Mortality
 - Metabolic disorder
- b. List five methods used in control of bovine mastitis. (5 Marks)
- c. Differentiate between foot and mouth disease and foot rot in bovine on the basis of: (10 Marks)
- Etiology
 - Epidemiology
 - Clinical signs
 - Treatment
 - Control
- d. Give one sign of each of the following metabolic disorders: (5 Marks)
- Bovine ketosis
 - Hypocalcemia in ewes
 - Grain overload in ruminants
 - Ammonia poisoning
 - Hypo magnesemic tetany
- e. Give one disease that causes each of the following symptoms: (5 Marks)
- Salivation
 - Recumbence
 - Lymph node enlargement
 - Pale mucous membrane
 - Cough

QUESTION TWO – 15 MARKS

- a. Explain the pathogenesis of mycotic dermatitis in cattle. (5 Marks)
- b. Explain the clinical signs of vitamin A deficiency in pigs. (5 Marks)
- c. List signs of Nairobi sheep disease. (5 Marks)

QUESTION THREE – 15 MARKS

- a. Explain the management of a clinical case after a correct diagnosis is made. (5 Marks)
- b. What is the aetiology and epidemiology of African swine fever? (5 Marks)
- c. Which factors predispose poultry to coccidiosis? (5 Marks)

QUESTION FOUR – 15 MARKS

- a. Name any two diseases/conditions of cattle that manifest in: (10 Marks)
 - i. Hemoglobinuria
 - ii. Abortions
 - iii. Diarrhoea
 - iv. Lameness
- b. What are the characteristic signs of new castle in poultry? (15 Marks)

QUESTION FIVE – 15 MARKS

State the main symptoms/signs of each of the following diseases:

- a. Black quarter
- b. Heart water
- c. Contagious caprine pleura pneumonia (CCPP)
- d. Helminthiasis
- e. Streptothricosis
- f. Wooden tongue
- g. Lumpy skin disease
- h. Fowl pox
- i. Fowl typhoid
- j. Downer cow syndrome
- k. Water poisoning
- l. Pregnancy toxaemia in ewes
- m. Iron deficiency in piglets
- n. Trypanosomiasis
- o. Anthrax