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University Examinations 2015/2016

SECOND YEAR, SECOND SEMESTER EXAMINATION FOR THE DIPLOMA IN
AGRICULTURE

ANS 0231: ANIMAL DISEASES

DATE: NOVEMBER 2015

TIME: 1½ HOURS

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

QUESTION ONE (30 MARKS)

- a) Discuss the disease, contagious Bovine Pleuropneumonia (CBPP) under the following subheadings
- i) What is the etiology of CBPP? (3 Marks)
 - ii) Give three clinical signs that most likely confirms its diagnosis (3 Marks)
 - iii) In case the animal dies, What would be the likely observations at post mortem (2 Marks)
 - iv) State one control method for this disease (1 Mark)
- b) Explain the epidemiology of Brucellosis (5 Marks)
- c) What causes pullorum disease in poultry and what are the clinical signs associated with this disease (5 Marks)
- d) Discuss east coast fever in both etiology and transmission (5 Marks)
- e) What causes Ketone bodies in dairy cattle (3 Marks)
- f) Give three signs of anaemia associated to iron deficiency (3Marks)

QUESTION TWO (15 MARKS)

Discuss anthrax under the following subheadings

(15 Marks)

- a) Aetiology
- b) Clinical signs
- c) Diagnosis
- d) Treatment
- e) Control

QUESTION THREE (15 MARKS)

- a) Discuss the economic importance of mastitis in dairy cattle
- b) List 3 bacteria known to cause mastitis
- c) What are the two types of mastitis

(10 Marks)

(3 Marks)

(2 Marks)

QUESTION FOUR (15 MARKS)

- a) Give 3 examples of diseases which are controlled by the following methods
 - i) Tick Control
 - ii) Hygiene
 - iii) Vaccination
- b) What does the following terminologies mean in animal disease:
 - i) Epidemic
 - ii) Epidemiology
 - iii) Edemic
 - iv) Recurmbency
- c) What is an ectoparasite? Give two examples of ectoparasites

(3 Marks)

(3 Marks)

(3 Marks)

(4 Marks)

(2 Marks)