University Examinations 2012/2013

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

ANS 0231: ANIMAL DISEASES

DATE: DECEMBER 2012   **TIME: 1 ½ HOURS**

INSTRUCTIONS: *Answer question ONE and any other TWO questions*

QUESTION ONE –   30 MARKS

(a) List 5 major methods in control of mastitis a dairy farm. (5Marks)

(b) Explain the epidemiology of Rift Valley Fever. (5Marks)

(c) Name any 2 clinical routine management practices performed in piglets and explain why they are done. (4Marks)

(d) Name 3 common metabolic disorders occurring in both cattle and ewes. (3Marks)

(e) Mention the characteristic symptom in each of the following diseases (8Marks)

    (i)   Streptothricosis

    (ii)   Anthrax

    (iii)   Parturent Paresis

    (iv)   Johnes disease

    (v)   Foot and Mouth

    (vi)   Contagious caprine pleura pneumonia (C.C.P.P)

    (vii)   Coccidiosis in poultry

    (viii) Iron deficiency in piglets

(f) (i)   What is the mode of transmission of African Swine Fewer (2Marks)

   (ii)   Explain the Pathogenesis and control of pullorum disease. (3Marks)

QUESTION TWO – 15 MARKS

(a) Discuss the steps followed by a clinician that lead to making a correct diagnosis and further management. (15Marks)

QUESTION THREE – 15 MARKS

    (a) Differentiate between New Castle and Salmonellosis in Poultry and the basis of etiology, epidemiology and treatment. (6Marks)

    (b) Name 3 bacterial, 2 viral, 2 protozoa and 2 metabolic disorders affecting cattle. (9Marks)

QUESTION FOUR – 15 MARKS

Name any 3 clinical signs in each of the following diseases: (15 Marks)

    (a) Bovine Ketosis

    (b) Post parturent hemoglobinuria

    (c) Nairobi sheep disease

    (d) Salt poisoning

    (e) Helminthiasis

QUESTION FIVE – 15 MARKS

(a) Explain the Pathogenesis of grain overload in ruminants. (7Marks)

(b) Name any two animal diseases causing each of the following signs.

    (i)   Recumbence

    (ii)   Salivation

    (iii)   Pale mucous membrane

    (iv)   Lameness (8Marks)