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University Examinations 2013/2014

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN
AGRICULTURE

ANS 0231: ANIMAL DISEASES

DATE: APRIL 2014

TIME: 1 ½ HOURS

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

QUESTION ONE – (30 MARKS)

- (a) Define zoonotic disease and give an example. (2 Marks)
- (b) What is causative agent of the following diseases: (3 Marks)
 - (i) East Cost Fever (ECF)
 - (ii) Goat plague
 - (iii) Contagious Bovine Pleuropneumonia (CBPP)
- (c) Enumerate various needs that organic farmers need to put in place in order to achieve healthy farm animals for satisfactory production over long period of time. (5 Marks)
- (d) Outline five complications associated with Rift Valley Fever in human. (5 Marks)
- (e) Explain the concept of epidemiological triad and draw a diagram of epidemiological triad of livestock diseases. (5 Marks)
- (f) Outline the features of a sick animal. (5 Marks)
- (g) Outline host factors that are key to the presence of a disease. (5 Marks)

QUESTION TWO – (15 MARKS)

Describe the transmission cycle of the parasite causing toxoplasmosis and describe the occurrence of the disease in man and animals. (15 Marks)

QUESTION THREE – (15 MARKS)

Write short notes on the following diseases

- (a) Giardiasis (5 Marks)
- (b) Dermatophilosis (5 Marks)
- (c) Anthrax (5 Marks)

QUESTION FOUR – (15 MARKS)

Discuss East Cost Fever (ECF) under the following headings.

- (a) Aetiology and host range (4 Marks)
- (b) Transmission (4 Marks)
- (c) Clinical signs (5 Marks)
- (d) Treatment (2 Marks)

QUESTION FIVE – (15 MARKS)

Describe external parasites under the following topics:

- (a) Importance of external parasites (6 Marks)
- (b) Flies which caused fly strike (5 Marks)
- (c) Control of flies (4 Marks)