

25



*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2017/2018 ACADEMIC YEAR**

**FOURTH YEAR 1<sup>ST</sup> SEMESTER**  
**SPECIAL/SUPPLEMENTARY EXAMINATIONS**

**FOR THE DEGREE OF BSc AGRIC AND BIOTECH AND BED SCIENCE**

**COURSE CODE: SAB 420**

**COURSE TITLE: ANIMAL DISEASES**

**DATE: 2<sup>ND</sup> OCTOBER 2018**


**TIME: 8 – 10 AM**

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**INSTRUCTIONS TO CANDIDATES**

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over 

KIBU observes ZERO tolerance to examination cheating

### Question 1

- a) Define FULLY GIVING EXAMPLES the following terms:
- i. Reservoir Hosts (2 Marks)
  - ii. Zoonosis (2 Marks)
  - iii. Infection (2 Marks)
  - iv. Disease (2 Marks)
  - v. Paratenic host (2 Marks)
- b) Describe the significance the following disease to the public health of citizens and countries worldwide.
- i. Brucellosis (4 marks)
  - ii. Mastitis in dairy cows (4 marks)
  - iii. Rabies in livestock (4 marks)
  - iv. Salmonellosis in man (4 marks)
  - v. Tuberculosis in dairy cows (4 marks)

### Question 2

Describe five (5) management practices that can be used to control protozoal infections in Poultry infections. (20 Marks)

### Question 3

Explain how the environmental factors of climate, vector and management could influence the occurrence of infectious diseases among farm animals (20 Marks)

### Question 4

Describe the general Principles of control of Nematodes (20 Marks)

### Question 5

Describe the routine management measures you would use to control the spread of viral diseases (20 Marks)