



UNIVERSITY OF EMBU

2019/2020 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
IN RANGE MANAGEMENT/AGRICULTURAL EXTENSION

AAS 414: ANIMAL HEALTH MANAGEMENT

DATE: OCTOBER 19, 2020

TIME: 11:00 AM – 1:00 PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Giving examples, define the following terminologies:
- i) Disease (1 mark)
 - ii) Aetiology (1 mark)
 - iii) Symptoms (1 mark)
 - iv) Prophylaxis (1 mark)
 - v) Zoonotic diseases (1 mark)
- b) Briefly discuss two (2) common viral diseases of cattle. (4 marks)
- c) A farmer practising zero grazing production system has a challenge in pre-weaning and weaning mortalities in calves. As an extension worker, advise him. (5 marks)
- d) Describe any two (2) important diseases of neonates in cattle (4 marks)
- e) What steps would you use to manage (d) above? (4 marks)
- f) Explain the importance of meat hygiene (meat inspection) in safeguarding human health. (4 marks)



ISO 27001:2013 Certified *Knowledge Transforms*



ISO 9001:2015 Certified

- g) A dairy farmer is experiencing re-occurrence of mastitis in his cows. Briefly discuss possible causes and solution of the problem. (4 marks)

QUESTION TWO (20 MARKS)

Discuss the importance of animal health management to a large scale dairy farmer

QUESTION THREE (20 MARKS)

- a) Prospective large scale dairy farmers have invited you to give advice on “Herd Health”. Discuss the advice you would give. (10 marks)
- b) Discuss the three (3) major poultry diseases and measures to control them in a large scale poultry farm. (10 marks)

QUESTION FOUR (20 MARKS)

There are all types of diseases in a livestock farm you had visited because of neglect for a long time. The farm came under new management. Discuss the strategies you would give the new owner in order to bring the diseases under control.

QUESTION FIVE (20 MARKS)

A group of women in upper Embu County want to start rearing dairy goats to improve their household incomes. Advice them on predisposing factors of animal diseases.

END

