



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE

AND TECHNOLOGY

**FOURTH YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE
DEGREE OF ANIMAL SCIENCE**

2016/2017 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: AAS 3417

COURSE TITLE: ANIMAL HEALTH MANAGEMENT

EXAM VENUE:

STREAM: BSc. Animal Science

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer ALL questions in section A and ANY other 2 Questions in section B**
- 2. Candidates are advised not to write on question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A: 30 MARKS

ANSWER ALL QUESTIONS IN THIS SECTION

1. a) Define zoonosis.(**1 mark**)
b) Using examples, differentiate epidemic diseases from transmissible infectious diseases.(**4 mark**)
c) Highlight four stakes of animal health.(**4 mark**)
d) With three examples, define notifiable diseases. (**1 mark**)
2. a.)Antibiotic residues in meat or milk are a threat to human health. Using examples, briefly discuss this statement. (**4 marks**)
b. “One world, one health”, has recently appeared, indicating that there is link between animal disease and public health. Outline one health concept. (**6 marks**)
3. In the recent past, there has been cases of people dying in Kisii from a disease transmitted by dogs;
 - a. Which disease is this? (**1 mark**)
 - b. Four main clinical signs. (**2 mark**)
 - c. Control of the disease. (**2 mark**)
 - d. Outline principles of disease control. (**3 mark**)
 - e. Classify diseases according to their causes. (**2 marks**)

SECTION B : 40 MARKS

ANSWER ANY TWO QUESTIONS IN THIS SECTION

4. a) The series of management practices that are employed to prevent the importation of infectious agents from entering a farm is termed biosecurity. Discuss the components and the main goals of bio security. (**10 marks**)

b). Production systems have a profound influence on the diseases to which animals are exposed and the way in which those diseases can be prevented or managed. Using examples, discuss the statement. (**10 marks**)
5. a) Discuss in detail tools for animal health management planning and evaluation.(**10 Marks**)

b) Cooperation is required between livestock owners, animal health officials, and wildlife managers if control efforts of some diseases are to be successful. Discuss (**10 Marks**)
6. Using examples discuss the impact of animal movement and trade on disease incidence

. (20 marks)