

**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: LAS 3427**

**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)**

1. 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)**

1. In the recent past, there has been cases of people dying in Kisii from a disease transmitted by dogs;
	1. Which disease is this? **( 1 mark)**
	2. Four main clinical signs. **( 2 mark)**
	3. Control of the disease. **( 2 mark)**
	4. Outline principles of disease control. **( 3 mark)**
	5. 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 discussthe impact of animal movement and trade on disease incidence

. **(20 marks)**