

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE**

**AND TECHNOLOGY**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT**

**THIRD YEAR FIRST SEMESTER 2017/2018 ACADEMIC YEAR**

**CENTRE: MAIN CAMPUS**

**COURSE CODE: AAS 3319**

**COURSE TITLE: Animal Health Management**

**EXAM VENUE: STREAM:**

**DATE: EXAM SESSION:**

**TIME: 2 HRS**

**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 section A**

1. Explain the following , giving examples;

a. Zoonotic disease and chronic disease **( 4 Marks)**

b. Endemic disease and Epidemic disease **( 4 Marks)**

c. General clinical signs and pathognomonic clinical signs **( 4 Marks)**

1. a) Lameness is common problem in farm animals, outline 5 (five) predisposing factors**. ( 5 Marks)**

b.Discuss tools for animal health management planning and evaluation**(3 Marks)**

3. a. Briefly discuss how Lumpy skin disease can be prevented. **( 4 Marks)**

1. ***“One world, one health”,***has recently appeared, indicating that there’s link between animal disease and public health**.** Outline one health concept**( 6 Marks)**

**SECTION B (40 MARKS)**

**Answer ANY TWO questions in section B**

1. i) Explain how you would differentiate/determine the definitive diagnosis of the following diseases;
   1. Food and mouth disease and Foot rot **( 5 marks)**
   2. Anthrax and contagious abortion **( 5 Marks)**
   3. Milk fever and Downer Syndrome **(5 Marks)**

ii) Describe the clinical signs of the Gumboro disease **( 5 Marks)**

5. a) Discuss eight good management practices which should be practiced in a farm to control diseases **10 Marks)**

b) Discuss the components of bio security in health management**. (10 marks)**

6. a. Antibiotic residues in meat or milk are a threat to human health. Using examples, discussthestatement.**(10Marks)**  
b)New castle Disease outbreak in Indigenous poultry is very common resulting into economic loss to the farmers. Discuss the clinical signs and how the disease can be controlled.**(10Marks)**