



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE
AND TECHNOLOGY**

**THIRD YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE
OF AGRIBUSINESS MANAGEMENT**

2016/2017 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: AAS 3316

COURSE TITLE: Animal Health Management in Agribusiness

EXAM VENUE: STREAM: BSc. Agribusiness Management

DATE: EXAM SESSION:

TIME:

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.) Antibiotic residues in meat or milk are a threat to human health. Using examples, briefly discuss this statement. (**4 marks**)
 - b) Surveillance for livestock diseases is very important in animal health management. Highlight what is involved in the surveillance process.(**4 marks**)
 - c) Classify diseases according to their causes. (**2 marks**)
2. The udder secretion of a dairy cow in a farm where you are stationed has the appearance of thick, clotted pus.
 - a) What is your most likely diagnosis? (**2 marks**)
 - b) How would you treat this animal? (**2 marks**)
 - c) Outline the options for the prevention or control of this common problem.(**4 marks**)
 - d) With examples define notifiable diseases. (**2 Marks**)
3. a) Lumpy skin disease causes major economic importance due to loss of production. Outline the diseases including *causes, clinical signs of economic importance* and *control*. (**6 Marks**)
 - b) Define infertility and list two non infectious causes fertility in bulls and cows.(**3 marks**)
 - c) Define zoonosis. .(**1 mark**)

SECTION B : 40 MARKS

ANSWER ANY TWO QUESTIONS IN THIS SECTION

4. a) What are the main goals of bio security? **(10 marks)**

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

5. a) Discuss in detail tools for animal health management planning and evaluation.**(10 Marks)**

b) Tools for interventions for prevention and control of animal diseases are important in health management. Discuss. **(10 Marks)**

6. Using examples discuss emerging issues on animal health including their effect on humans. **(20 marks)**