**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATION 2017/2018**

**YEAR THREE EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE**

**ANIMAL HEALTH, PRODUCTION PROCESSING AND BACHELOR OF**

**SCIENCE IN AGRICULTURE**

**APP 2305: ANIMAL PRODUCTION I**

**DATE: JANUARY 2018 TIME:2 HOURS**

**INSTRUCTIONS:** ANSWER QUESTION ONE AND ANY OTHER **THREE** QUESTIONS

1. i) Analyze the limitation of pig production in Kenya (5 marks)

ii) Explain the causes of cannibalism in poultry (5 marks)

iii) Describe the FOUR mating systems used in pig breeding (5 marks)

iv) Explain the global drivers of animal agriculture (5 marks)

v) Describe the digestive system of an avian (5 marks)

i) Analyze the limitations of the expansion of poultry production in Kenya (10 marks)

ii) Describe the THREE main types of intensive system used in poultry production (5 marks)

1. Describe any THREE poultry vices (10 marks)
2. Explain features of a good herd health management plan (5 marks)
3. Explain livestock production systems present in Kenya (10 marks)
4. Describe the two main camel breeds found in the world (5 marks)
5. Describe the digestive system of a ruminant (10 marks)
6. Describe the advantages of rearing small ruminants compared to large ruminants. (5marks)