

# Uganda Martyrs University

## Faculty of Agriculture

Semester I Final Assessment: 2015/2016

### B. Agriculture Year 2

Course Unit: CRE 2104: **RUMINANT HUSBANDRY**

Time: 9:30 am – 12:30 pm

Date: Tuesday, 01<sup>st</sup> December, 2015

#### **Instructions:**

- Please read the instructions carefully before answering the questions.
- Answer **Four (4) questions**. All answers should be precise and clear

1a. State the five major priorities of keeping livestock by traditional and smallholder farmers (10 marks)

1b. Discuss the major factors for the success of innovations and advances aimed at improving livestock productivity in developing countries like Uganda (10 marks)

2a. Distinguish between livestock management and livestock production systems (5 marks)

2b. State any five advantages of individual calf housing compared to group calf housing (5 marks)

2c. Discuss five major husbandry and management practices critical in successful of dairy production (10 marks)

3a. Explain how stress and rough and poor handling of beef animals destined for slaughter affect the quality of the carcass (4 marks)

3b. List any four parameters that consumers base their decisions before buying beef (4 marks)

3c. Outline the advantages of any four processes of storing beef in Uganda (4 marks)

3d. Explain the major threats of the beef sector in Uganda which are hampering the sectors' competitiveness (8 marks)

- 4a. State any four common ill health problems in Calves. (4 marks)
- 4b. State five major causes of infertility in dairy cows (10 marks)
- 4c. Suggest ways through which beef productivity can be enhanced from extensive rangelands (6 marks)
- 5a. State any five reasons why goat production should be promoted over large ruminants (10 marks)
- 5b. Local goats are accused of low productivity compared to exotic breeds of goats. Suggest five ways of how the productivity of local goats can be improved (10 marks)
- 6a. Selection of indigenous goat breed is one of the breeding strategies used to improve goat production however it is rarely promoted. Outline the key practices for a proper selection as breeding option for goat farmers (10 marks)
- 6b. Discuss the advantages of three rearing methods of kids in goat production (10 marks)
- 7a. List five presentation factors that affect feed intake in goats (5 marks)
- 7b. State the Major symptoms of disease in goats (5 marks)
- 7c. outline five signs of kidding in goats (5 marks)
- 7d. Write short notes on the following terms
- i. Generation interval (3 marks)
  - ii. Selection differential (2 marks)
- 8a. Abortions in goats can be caused by diseases and management practices. State any two management practices that can cause abortion in goats (4 marks)
- 8b. List any two measures a goat farmer can undertake to avoid abortion as a result management practices (4 marks)
- 8c. State any two diseases that can cause abortion in goats (4 marks)
- 8d. Explain any four reasons why goat milk is not popular compared to cattle milk in Uganda (4 marks)
- 8e. List any four signs of heat in goats (4 marks)