

Uganda Martyrs University  
FACULTY OF AGRICULTURE

B. Agriculture II, Semester I Final Assessment: 2014-2015  
**Course Unit: Ruminant Animal Husbandry**

Time: 9:30 am – 12:30 pm

Date: Tuesday, 9<sup>th</sup> December, 2014

***Instructions:***

*Answer any four questions*

*Do not write anything on a question paper*

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- 1a. List four drivers for increased demand for beef in Uganda (4 marks)
- 1b. Explain any six weakness in the Ugandan beef sector (6 marks)
- 1c. Discuss five investment opportunities in the Ugandan beef sector (10 marks)
  
- 2a. The production of beef breeds of cattle can be improved through selection and crossbreeding. What do you understand by selection? (3 marks)
- 2b. Write short notes on the following terms related to selection
  - i. Heritability (3 marks)
  - ii. Generation interval (3 marks)
  - iii. Selection differential (3 marks)
- 2c. Describe the effect stress during transportation of beef animals destined for slaughter on the final quality of the carcass (8 marks)
  
- 3a. Discuss three production systems under which goats are managed in Uganda (9 marks)
- 3b. List five reasons why goat keeping should be promoted in Uganda in preference to larger animals like cattle (5 marks)
- 3c. Briefly explain how traditional goat husbandry can be improved in Uganda (6 marks)
  
- 4a. List five signs of kidding in goats (5 marks)
- 4b. List three systems of rearing kids commonly practiced by goat farmers (3 marks)
- 4c. Briefly explain one advantage of each of the three systems of kid rearing (6 marks)
- 4d. Name six categories of diseases that affect mainly goats (6 marks)
  
- 5a. What do you understand by body condition of a dairy cow. (5 marks)
- 5b. Give three reasons why dairy farmers should body condition score their dairy animals (3 marks)