



UNIVERSITY EXAMINATION 2013/2014

SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE AND BACHELOR OF SCIENCE IN RANGE MANAGEMENT

AAP 201-PRINCIPLES OF ANIMAL PRODUCTION

DATE: 18TH DECEMBER 2013

TIME: 2 Hours

Instructions

Answer all the questions in the booklet provided

Answer all questions in section A

1. List the roles played by animal agriculture. (8 marks)
2. What are the characteristics of the livestock feed industry in Kenya? (8 marks)
3. State the importance of keeping animal records (8 marks)
4. List the signs of heat in animals and state their hormonal basis. (8 marks)
5. How do livestock based financial services operate. (8marks)

SECTION B

Answer any three questions

1. Discuss the factors that affect meat quality in animals. (20 marks)
2. Describe the features of the dairy industry and the challenges facing smallholder dairy farmers in Kenya? (20 marks)
3. Discuss the pre-harvest management practices used to enhance beef tenderness. (20 marks)
4. Describe factors that affect butterfat content of milk and how they do so. (20 marks)
5. Explain the advantages and disadvantages of zero grazing systems (20 marks)