



## KENYATTA UNIVERSITY

### UNIVERSITY EXAMINATIONS 2011/2012

#### SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (AGRICULTURE, ANIMAL PRODUCTION AND HEALTH MANAGEMENT)

#### KAP 100: INTRODUCTION TO ANIMAL SCIENCE

DATE: Tuesday 27<sup>th</sup> March 2012

TIME: 8.00a.m-10.00a.m

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#### INSTRUCTIONS

ANSWER QUESTION 1 AND ANY OTHER THREE QUESTIONS.

1. a) Outline the contribution of the livestock sub-sector to the Kenyan economy.  
[10marks]
- b) List the important features in the description of an animal production system.  
[10marks]
- c) Write briefly on the role of animal production in human nutrition. [5marks]
2. Outline the animal production and distribution patterns in Sub-Saharan Africa in relation to ecological determinants. [15marks]
3. Discuss the crop-livestock systems of the tropical highlands and indicate their unique contribution to national economy. [15marks]
4. Describe the following animal industries in Kenya, highlighting their economic importance:
  - i) Sheep and goat [8marks]
  - ii) Apiculture [7marks]
5. Discuss the importance of milk processing showing the various products and their nutritional value. [15marks]