



*(Knowledge for Development)*

# **KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**2015/2016 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER**

**MAIN EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF EDUCATION SCIENCE**

**COURSE CODE: SAB 221**

**COURSE TITLE: PRINCIPLES OF ANIMAL HUSBANDRY**

**DATE: 4<sup>TH</sup> MAY 2016**

**TIME: 2PM – 4PM**

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## **INSTRUCTIONS TO CANDIDATES**

Answer Question One in Section A and Any other TWO (2) Questions in Section B

This Paper Consists of 2 Printed Pages. Please Turn Over. 

## **SECTION A (30mks)**

### **Question One**

- a) Explain the following systems of poultry production
- i) Battery cage system (2 mks)
  - ii) Fold system (2 mks)
- b) Describe small scale dairy production systems in Kenya (8 mks)
- c) State and explain forms of pasture conservation (6 mks)
- d) Describe how microbiological environment can be manipulated to achieve disease and parasite control in livestock (12 mks)

## **SECTION B (40mks)**

### **Question Two**

- a) State and explain biotic factors affecting livestock growth and development (15 mks)
- b) What are the routine management practices in bees? (5 mks)

### **Question Three**

- a) Identify and briefly explain any 5 limitations of climate on livestock production (10 mks)
- b) Describe adaptive mechanisms to environmental stress in livestock (10 mks)

### **Question Four**

- a) Discuss conditions necessary for ideal housing in livestock structures (10 mks)
- b) Describe any four livestock products (4 mks)
- c) How does the distribution of livestock in the sub- humid regions of Kenya compare with the semi-arid regions (6mks)

END