



*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2017/2018 ACADEMIC YEAR**

**SECOND YEAR 1ST SEMESTER**  
**MAIN EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE**  
**EDUCATION AND EXTENSION**

**COURSE CODE: SAB 237**

**COURSE TITLE: PRINCIPLES OF ANIMAL HUSBANDRY &  
PHYSIOLOGY**

**DATE: 17<sup>TH</sup> JANUARY 2018**

**TIME: 2 – 4 PM**

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**INSTRUCTIONS TO CANDIDATES**

Answer Question ONE and any other TWO Questions.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

**QUESTION ONE**

- a) Briefly discuss reasons for livestock mapping in Kenya (10 mks)
- b) State and briefly explain five livestock parameters that can be mapped (5 mks)
- c) Describe intensive and extensive beef production systems in Kenya (10 mks)
- d) Identify and briefly explain five factors that affect growth and development in animals (5 mks)

**QUESTION TWO**

Discuss the constraints facing dairy production in Kenya (20 mks)

**QUESTION THREE**

With the aid of a diagram, discuss the thermo-neutral/comfort zone in animals in relation to nutrition and productivity (20 mks)

**QUESTION FOUR**

Discuss practical feeding management of a dairy cow for optimum milk production (20 mks)