

UNIVERSITY EXAMINATIONS

220



*(Knowledge for Development)*

# **KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**2017/2018 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER**

**MAIN EXAMINATION**

**FOR THE DEGREE OF Bsc. EDS, BAB, BAE, BEE**

**COURSE CODE:** SAB 233

**COURSE TITLE:** PASTURES AND FODDER CROPS

**DATE:** 30<sup>TH</sup> JULY 2018

**TIME:** 9 AM – 11 AM

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## **INSTRUCTIONS TO CANDIDATES**

Answer Question One and Any other TWO (2) Questions

**TIME:** 2 Hours

This Paper Consists of 2 Printed pages Please Turn Over.

**Question 1 (Compulsory 30 Marks)**

- a) Differentiate between rangeland and grassland. (2mks)
- b) State and explain parts of a grass plant. (6mks)
- c) Giving an example describe four categories of tropical pastures.(8mks)
- d) What are the strengths and limitations of lucerne(*Medicago sativa*). (6mks)
- e) Describe briefly process of hay making. (4mks)
- f) What are the limitations of native grasslands.(4mks)

**Question 2**

- a) Describe pasture adaptations in upper midland zones of Central and Western Kenya. (10mks)
- b) State and explain methods of pasture improvement.(10mks)

**Question 3**

- a) Describe methods of planting Napier grass (*Pennisetumpurpureum*). (10mks)
- b) Describe silage making and utilization. (10mks)

**Question Four**

- a) State and explain five methods of pasture establishment.(10mks)
- b) Describe the Themeda-Acacia grassland of Kenya.(10mks)

END