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UNIVERSITY EXAMINATIONS



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER

SPECIAL/SUPPLEMENTARY EXAMINATION

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

COURSE CODE: SAB 233

COURSE TITLE: PASTURES AND FODDER CROPS

DATE: 10TH OCTOBER 2018

TIME: 11:30 – 1:30 PM

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) Give three sub-families of leguminosae family of legumes. (3mks)
- b) State and explain attributes of cultivated pastures. (6mks)
- c) Describe the attributes of *Desmodium* species as a forage legume. (7mks)
- d) State and explain factors process of growth of a pasture grass. (6mks)
- e) State and explain factors affecting herbage yield. (4mks)
- f) What are the limitations of kikuyu grass (*Pennisetum clandestinum*). (4mks)

Question 2

- a) Discuss effects of ecological factors on pasture yield. (10mks)
- b) Describe factors that affect pasture utilization. (10mks)

Question 3

- a) Describe the field production of Guinea grass (*Panicum maximum*). (10mks)
- b) Describe the role of tropical legumes in farming systems. (10mks)

Question Four

- a) Describe adaptations of pastures in inner lowland zones of Eastern and North Eastern parts of Kenya. (10mks)
- b) State and explain post establishment management practices in pastures crops. (10mks)