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(Knowledge for Development)

# KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

THIRD YEAR SEMESTER TWO

SPECIAL/SUPPLEMENTARY EXAMINATION

FOR THE DEGREE OF Bsc. AGRICULTURAL EDUCATION & EXTENSION

COURSE CODE: SAB 336

COURSE TITLE: PERENNIAL CROPS

DATE: 16/10/2018

TIME: ~~2 HOURS~~ 3-5 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 (30mks)**

- a) i) Outline procedure of establishing coffee seeds directly in the soil. (6mks)
- ii) Describe pre-nursery establishment of Oil palm. (6mks)
- b) Describe preparation of planting materials in sisal. (5mks)
- c) Explain uses of Coconut products. (4mks)
- d) What are the advantages of pegging in tea. (4mks)
- e) Describe how reduction in generation time is used in perennial crop improvement.(5mks)

**Question 2**

- a) Describe the process of land preparation for planting sugar cane. (10mks)
- b) Describe ecological requirements of tea. (10mks)

**Question 3**

- a) Describe the use of genomics in perennial crop improvement. (10mks)
- b) Discuss methods of weed control in coffee. (10mks)

**Question Four**

- a) Describe field establishment of pyrethrum. (10mks)
- b) Briefly explain Damping off and Anthracnose diseases of Cashew stating control measures. (10mks)