



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

SECOND YEAR SEMESTER ONE

SPECIAL/SUPPLEMENTARY EXAMINATION

FOR THE DEGREE OF Bsc. BAE

COURSE CODE: ACR 211/SAB230/IAB230.

COURSE TITLE: PRINCIPLES OF CROP HUSBANDRY

DATE: 05/02/2021. **TIME:** 8-10 AM.

Answer Question One and Any other TWO (2) Questions.

This Paper Consists of 2 Printed pages Please Turn Over.

Question 1

- a) What are the advantages of timely planting of field crops (6mks)
- b) List and explain three six effects of crop pests to field crops (6mks)
- c) Highlight the functions of the sugar board of Kenya (4mks)
- d) State and explain two common viruses which affect crops causing diseases (8mks)
- e) Name and describe briefly four ecological factors affecting crop production

Question 2

- a) Describe five types of tillage (10mks)
- b) Describe five methods of fertilizer application (10mks)

Question 3

- a) Discuss the role of storage of produce in the economy of Kenya (12mks)
- b) Describe the process of crop hybridization (8mks)

Question 4

- a) Describe five principles of crop weed management (10mks)
- b) Describe factors considered during crop rotation programs (10mks)

Question 5

- a) Describe how social and labor constraints affect mechanized harvesting of crops (10mks)
- b) Describe advantages of intercropping (10mks)