



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**FOURTH YEAR SECOND SEMESTER EXAMINATIONS FOR
THE DEGREE OF BACHELOR OF SCIENCE IN
HORTICULTURE AND AGRONOMY WITH
INFORMATION TECHNOLOGY**

MAIN CAMPUS

AAG 409: TUBER CROPS

Date: 28th July, 2017

Time: 8.30 - 11.30am

INSTRUCTIONS:

- Answer ALL Questions in sections A and any other TWO in section B.

AAG 409 Tuber Crops

2nd Semester Examinations for the Degree of BSc (Agronomy)

SECTIONA: Short Answer questions – 1 hour; Answer all questions; 3Marks each

- Q1. Explain the altitude, soil and precipitation agro-ecology for yam production in Kenya
- Q2. Outline the etiology and control of the major diseases of Carrots in Kenya
- Q3. Briefly outline the peculiarities of tuber crops as staples for food security
- Q4. Why are Yams regarded as ideal food security crops in the humid tropics
- Q5. Which considerations determine spacing in establishing a Radish field plot?
- Q6. Briefly discuss pest and disease control in Carrots in Kenya
- Q7. Outline the two major types of yam and aroids field establishment
- Q8. Describe one major Yam pest and disease and effective control measures
- Q9. How would you prepare land for Radish crop establishment?
- Q10. Provide a broad outline of the etiology and management of the major diseases and pests of radish

SECTIONB: Essay Questions Answer any 2 questions (20 marks each)

- Q11 Discuss the agronomy of Cassava in Kenya
- Q12 Discuss Sweet potato production in Kenya
- Q13 Discuss the agronomic challenges of *Solanum tuberosum* production in Kenya
-