



# KENYATTA UNIVERSITY

## UNIVERSITY EXAMINATIONS 2010/2011

### SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT AND BACHELOR OF EDUCATION (SCIENCE)

#### KRM 303: FIELD CROPS PRODUCTION

**DATE:** Thursday 7<sup>th</sup> April, 2011

**TIME:** 2.00 p.m. – 4.00 p.m.

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#### **INSTRUCTIONS**

*Answer question ONE and any other THREE questions.*

1. (a) Write short notes on the following:
  - i. Bean anthracnose [4 marks]
  - ii. Water control in lowland Rice [4 marks]
  - iii. Weed control in lowland rice [4 marks]
  - iv. Characteristics of composite maize [3 marks](b) State five (5) critical stages of wheat development. [5 marks]
- (c) Discuss economic importance of grain legumes. [5 marks]
2. Discuss the field maintenance of maize (*Zea mays*). [15 marks]
3. (a) Describe the ecological requirements for coffee (*Coffea arabica*) [10 marks]
- (b) Outline five benefits of pruning coffee. [5 marks]
4. (a) State four (4) factors which determine the quality of tea. [4 marks]
- (b) Discuss briefly the symptoms and management of Armillaria Root Rot (*Armillaria mellea*) in tea. [5 marks]
5. The national average yield of wheat in Kenya is low by international standards. Discuss. [15 marks]

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