

2910/202  
CROP ENTERPRISE  
MANAGEMENT II  
Oct./Nov. 2022  
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL  
DIPLOMA IN SUSTAINABLE AGRICULTURE  
AND RURAL DEVELOPMENT

MODULE II

CROP ENTERPRISE MANAGEMENT II

3 hours

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**INSTRUCTIONS TO CANDIDATES**

*This paper consists of EIGHT questions.  
Answer any FIVE questions in the answer booklet provided.  
All questions carry equal marks.  
Maximum marks for each part of a question are indicated.  
Candidates should answer the questions in English.*

**This paper consists of 3 printed pages.**

**Candidates should check the question paper to ascertain that  
all the pages are printed as indicated and that no questions are missing.**

1. (a) Describe rainfall requirements for maize production. (5 marks)
- (b) State five factors considered in selecting a maize variety. (5 marks)
- (c) Explain five reasons for early ploughing in wheat production. (10 marks)
2. (a) Explain five objectives of flooding fields in the production of rice. (10 marks)
- (b) Highlight five benefits of parboiling in the milling of rice. (5 marks)
- (c) State five control measures for cassava mosaic virus. (5 marks)
3. (a) Highlight the ecological requirements for sisal production. (9 marks)
- (b) Describe the preparation of tea cuttings for propagation. (11 marks)
4. (a) Describe land preparation in sugarcane production. (10 marks)
- (b) Explain five advantages of simsim that makes it suitable for production. (10 marks)
5. (a) Explain harvesting practices that maximise pyrethrin content in pyrethrum production. (10 marks)
- (b) Highlight five reasons for pruning coffee. (10 marks)
6. Describe each of the following practices in the production of sorghum:
  - (a) planting; (9 marks)
  - (b) management practices. (11 marks)
7. (a) Highlight pruning practices under the uncapped system of coffee production. (11 marks)
- (b) Describe the hermetic storage bag technology in preservation of cereals. (9 marks)

8. (a) Differentiate between the two types of garden peas on the basis of seed coat texture. (4 marks)
- (b) Describe manure and fertilizer application in garden pea production. (6 marks)
- (c) Highlight ridging in potatoes with respect to:
- (i) benefits;
  - (ii) method.
- (10 marks)

**THIS IS THE LAST PRINTED PAGE.**

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