

Name: _____ Index No: _____

Candidate's Signature: _____

2425/203

AGRICULTURAL ECONOMICS II,
EXTENSION AND HOME ECONOMICS

Oct./Nov. 2013

Time: 3 hours

Date: _____



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN AGRICULTURE MODULE II

AGRICULTURAL ECONOMICS II, EXTENSION AND HOME ECONOMICS

3 hours

INSTRUCTIONS TO CANDIDATES

Write your name and index number in the spaces provided above.

Sign and write the date of examination in the spaces provided above.

You should have a scientific calculator for this examination.

This paper consists of **THREE** sections; **A, B** and **C**.

Answer a total of **FIVE** questions, taking at least **TWO** questions from section **A**, at least **ONE** question from section **B** and at least **ONE** question from section **C** in the spaces provided in this question paper.

All questions carry equal marks. Maximum marks for each part of a question are as shown.

Candidates should answer the questions in English.

For Examiner's Use Only

Section	Questions	Maximum Score	Candidate's Score
A			
B			
C			
TOTAL SCORE			

This paper consists of 16 printed pages.

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

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Turn over

SECTION A: AGRICULTURAL ECONOMICS

Answer at least TWO questions from this section.

1. (a) Describe **ten** features of underdevelopment in a country. (10 marks)
- (b) Explain the circumstances under which a country may adopt exchange control. (10 marks)
2. (a) Explain how an increase in population growth rate would affect the economic development of a country. (7 marks)
- (b) Explain why agriculture is said to be the back-bone to Kenya's economy. (7 marks)
- (c) Describe how Agricultural Act (Cap 318) regulates the use of agricultural land in Kenya. (6 marks)
3. (a) (i) State the sources of market information. (10 marks)
- (ii) Explain the functions of agricultural marketing. (10 marks)
- (b) Explain the role of co-operative societies in Kenya. (10 marks)
4. (a) State any **three** advantages of a monopoly market. (3 marks)
- (b) Outline the characteristics of a free market. (7 marks)
- (c) Explain the constraints of marketing agricultural produce and products. (10 marks)

SECTION B: AGRICULTURAL EXTENSION

Answer at least ONE question from this section.

5. (a) State the **three** extension teaching methods. (3 marks)
- (b) Outline the procedure of method demonstration. (10 marks)
- (c) State any **seven** advantages of the result demonstration. (7 marks)

6. The following data was obtained in a research conducted to investigate farmers adoption rate of two banana varieties A and B.

BANANA VARIETY A			BANANA VARIETY B	
TIME	% NEW ADOPTERS	% ADOPTERS CUMULATIVE	% NEW ADOPTERS	% ADOPTERS CUMULATIVE
1	3		3	
2	3		3	
3	6		5	
4	9		12	
5	15		18	
6	30		28	
7	20		24	
8	9		2	
9	3		1	
10	1		0	

Use the data to answer the following questions:

- (a) Complete the table. (10 marks)
- (b) Plot the diffusion curve of the two banana varieties. (8 marks)
- (c) Identify the variety that had the highest adoption rate. (2 marks)

SECTION C: HOME ECONOMICS

Answer at least ONE questions from this section.

7. (a) List six sources of water. (3 marks)
- (b) Explain five methods of treating water for consumption. (10 marks)
- (c) Outline seven ways of preventing and controlling Typhoid. (7 marks)
8. (a) State the importance of consumer education. (4 marks)
- (b) Describe obesity under the following headings:
- (i) cause;
 - (ii) symptoms;
 - (iii) prevention. (8 marks)
- (c) Describe the principles of wise shopping. (8 marks)