

2425/203
AGRICULTURAL ECONOMICS II,
EXTENSION AND HOME ECONOMICS
Oct./Nov. 2009
Time: 3 hours

THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN AGRICULTURE
MODULE II

AGRICULTURAL ECONOMICS II,
EXTENSION AND HOME ECONOMICS

3 hours

INSTRUCTIONS TO CANDIDATES

You should have the following for this examination:

*Answer booklet
Scientific calculator*

This paper consists of THREE sections A, B and C. Answer any FIVE questions in all, taking at least TWO questions from section A, at least ONE question from section B and at least ONE question from section C.

All questions carry equal marks.

Maximum marks for each part of a question are as shown.

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.

SECTION A - AGRICULTURAL ECONOMICS II

Answer at least TWO questions from this section.

1. (a) State the functions of the World Trade Organisation. (5 marks)
- (b) Outline the measures taken by the government to overcome obstacles in the process of economic development. (5 marks)
- (c) Outline the **five** stages of economic growth. (10 marks)
2. (a) State the variables considered in determining gross domestic product. (4 marks)
- (b) Describe the role of government in stimulating economic growth. (8 marks)
- (c) Describe the components of the balance of payments. (8 marks)
3. (a) Discuss the factors that might have led to the emergence of marketing organisations. (9 marks)
- (b) Describe the functions of marketing boards. (6 marks)
- (c) Describe the problems faced by co-operative societies. (5 marks)
4. (a) Describe the interacting variables of pricing in a bargaining situation. (10 marks)
- (b) Discuss the factors considered when selecting a marketing channel. (10 marks)

SECTION B - AGRICULTURAL EXTENSION

Answer at least ONE question from this section.

5. (a) Explain the following forms of communication and give **two** examples of each:
 - (i) oral communication;
 - (ii) written communication;
 - (iii) visual communication;
 - (iv) non-verbal communication. (8 marks)
- (b) Highlight the advantages of using exhibition and displays in extension. (4 marks)
- (c) Describe physical environment as a barrier to effective communication. (8 marks)

6. (a) Outline the procedure followed in developing media for training in extension. (10 marks)
- (b) Table 1 shows hypothetical adoption of a technology over a period of time.

Table 1

<u>Time in months</u>	<u>No. of adoptions</u>	<u>Rate of adoption</u>
1	1	-
2	4	-
3	9	-
4	16	-
5	30	-
6	36	-
7	42	-
8	40	-
9	36	-
10	30	-

- (i) Complete the table by determining the rate of adoption.
- (ii) Comment on the rate of adoption. (10 marks)

SECTION C - HOME ECONOMICS

Answer at least ONE question from this section.

7. (a) Mention **three** sources of water. (3 marks)
- (b) Explain why water for domestic use should be soft. (5 marks)
- (c) Explain **four** ways of removing hardness in water. (8 marks)
- (d) State the infective agents of water-borne diseases mentioning **one** example of a disease. (4 marks)
8. (a) Describe the functions of B-complex vitamins. (10 marks)
- (b) Discuss cholera under the following headings:
- (i) causal agent;
 - (ii) mode of transmission;
 - (iii) symptoms;
 - (iv) prevention. (10 marks)