

2425/203

**AGRICULTURAL ECONOMICS II,  
EXTENSION EDUCATION AND  
HOME ECONOMICS**

June/July 2019

Time: 3 hours



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**

**DIPLOMA IN AGRICULTURE**

**MODULE II**

**AGRICULTURAL ECONOMICS II, EXTENSION EDUCATION AND HOME ECONOMICS**

**3 hours**

**INSTRUCTIONS TO CANDIDATES**

*You should have the following for this examination:*

*Answer booklet;*

*Non-programmable scientific calculator.*

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

*Answer **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 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.* - WHY/KWAKINI

**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) Define each of the following economic terms:

- (i) National income;
- (ii) Gross National Product (GNP); *residents*
- (iii) Gross Domestic Product (GDP); *resident, non-residents*

(6 marks)

(b) The table below shows statistics of Gross National Product (GNP) and population of countries A and B.

Country	GNP (Millions)	Population (Millions)
A	4 880	240
B	3 000	20

- (i) Calculate the per capita income of each country;
- (ii) State the more developed country;
- (iii) If the population of B is doubled and its GNP is increased by 50%, calculate the percentage change in per capita income.

(10 marks)

(c) Highlight **four** methods of overcoming obstacles of economic development.

(4 marks)

2. (a) Describe how the Agricultural Act regulates the use of agricultural land in Kenya.

(8 marks)

(b) Explain the causes of unemployment in developing countries.

(12 marks)

③ (a) Highlight the constraint of marketing agricultural produce.

(8 marks) ✓

(b) Outline the process of determining the marketing mix.

(12 marks)

④ (a) Highlight the importance of marketing information.

(5 marks)

(b) Explain the principles of cooperative movement.

(5 marks)

(c) Explain the characteristics of an advertising medium for a commodity.

(10 marks)



**SECTION B: AGRICULTURAL EXTENSION EDUCATION**

Answer at least **ONE** question from this section.

5. (a) Describe the **two** types of demonstration methods in agricultural extension teaching. (10 marks)
- (b) Outline the stages of adopting a new innovation. *- clear* (10 marks)  
*- precise*  
*- accurate*
6. (a) Highlight the characteristics of effective communication. (6 marks)
- (b) Distinguish collective innovation decision from authority innovation decision. (4 marks)
- (c) Highlight the effectiveness of mass contact extension teaching method. (10 marks)

**SECTION C: HOME ECONOMICS**

Answer at least **ONE** question from this section.

7. (a) Explain the sources of water. (8 marks) ✓
- (b) Outline the procedure of shampooing hair. (8 marks) ✓
- (c) Highlight the importance of consumer education. (4 marks) ✓
8. (a) Describe the classification of carbohydrates. *mono - sweet taste* (9 marks)  
*disa*  
*polysaccharide -> no sweet taste*
- (b) Describe the administration of first aid to a poisoned person. (6 marks)
- (c) State the signs and symptoms of goitre. (5 marks)

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