

1405/314  
AGRICULTURAL EXTENSION EDUCATION  
AND HOME ECONOMICS  
Oct./Nov. 2022  
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

CRAFT CERTIFICATE IN GENERAL AGRICULTURE

AGRICULTURAL EXTENSION EDUCATION AND HOME ECONOMICS

3 hours

#### INSTRUCTIONS TO CANDIDATES

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

*Answer **ALL** questions in section A, any **TWO** questions from section B and any **TWO** questions from section C, in the answer booklet provided.*

*Each question in section A carries 4 marks, while each question in sections B and C carries 15 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.**



**SECTION A (40 marks)**

*Answer ALL questions in this section.*

1. Name **four** types of project evaluation. (4 marks)
2. Highlight **four** advantages of individual teaching method. (4 marks)
3. State **four** essential elements of an effective communication process. (4 marks)
4. Highlight **four** roles of rural sociology to agricultural extension. (4 marks)
5. State **four** effects of cultural change in a society. (4 marks)
6. List **four** functions of proteins. (4 marks)
7. State **four** ways of caring for teeth. (4 marks)
8. Highlight **four** reasons for appropriate lighting in the house. (4 marks)
9. State **four** reasons for treating water for domestic use. (4 marks)
10. List **four** criteria for selection of cleaning agent in a processing factory. (4 marks)

**SECTION B: AGRICULTURAL EXTENSION EDUCATION (30 marks)**

*Answer any TWO questions from this section.*

11. (a) Highlight **five** roles of economic institutions in a society. (5 marks)  
(b) Explain **five** roles of community leaders in extension work. (10 marks)
12. (a) Highlight **five** roles of farmer training centres. (5 marks)  
(b) Explain **five** roles of agricultural extension in rural development. (10 marks)
13. Explain the approaches used in technology transfer to farmers. (15 marks)



**SECTION C: HOME ECONOMICS (30 marks)**

*Answer any TWO questions from this section.*

- ~~14.~~ (a) State **five** benefits of drainage. (5 marks)
- (b) Highlight various ways of water pollution. (10 marks)
- ~~15.~~ (a) Describe the composition of a balanced diet. (5 marks)
- (b) Explain marasmus under the following:
- (i) cause;
  - (ii) signs and symptoms;
  - (iii) prevention.
- (10 marks)
16. (a) Highlight ways of administering first aid for burns. (6 marks)
- (b) Describe the principles of wise shopping. (9 marks)

**THIS IS THE LAST PRINTED PAGE.**