

081106T4AGP

Agripreneurship Level 6

AG/OS/AP/CR/05/6/A

Apply ICT in Agri-Enterprise

3 Hours

Nov. /Dec. 2022



THE KENYA NATIONAL EXAMINATIONS COUNCIL

CANDIDATE WRITTEN TOOL

Time: 3 hours

INSTRUCTIONS TO THE CANDIDATES

- 1. This paper has two sections: A and B.*
- 2. Answer **all** questions in section A and any **three** questions from section B.*
- 3. Write your answers in the answer booklet provided.*
- 4. Marks for each question are indicated in the brackets.*
- 5. Do not write on the question paper.*
- 6. Answer the questions in **English**.*

This paper consists consist of THREE (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. State **four** Information and Communication Technology (ICT) tools used in Agri-enterprise. (4 marks)
2. State **four** reasons why an entrepreneur should have a computer in an Agri-enterprise. (4 marks)
3. Identify **two** physical resources on farms and explain **two** benefits of connecting them to the internet. (4 marks)
4. Name **four** components of ICT infrastructure. (4 marks)
5. State **four** advantages of marketing products online. (4 marks)
6. Outline **four** examples of ICT hardware that can be used in an Agri-enterprise. (4 marks)
7. Highlight **four** characteristics of Wide Area Network (WAN) that suits its use in Agri-enterprises. (4 marks)
8. List **four** social platforms used to market products online. (4 marks)
9. State **four** roles of human resource in ICT. (4 marks)
10. List **four** purposes of computer networking in Agri-enterprise. (4 marks)

SECTION B (60 marks)

Answer any THREE questions from this section.

11. (a) Explain **five** challenges affecting the application of ICT in Agri-enterprise. (10 marks)
- (b) Describe **five** ways of addressing the challenges identified in (a). (10 marks)
12. As an extension officer in the Ministry of Agriculture and Livestock Development, you have been tasked to conduct a needs assessment among the rural farmers on ICT application on their farms.
- Discuss **five** priority needs that you are likely to find that require ICT application in rural farming communities. (20 marks)
13. a) Describe **five** uses of mobile phones in an Agri-enterprise of your choice. (10 marks)
- b) Explain **five** ways of integrating ICT in Agri-enterprise processes. (10 marks)
14. a) Discuss **five** categories of records that can be kept in an Agri-enterprise. (10 marks)
- b) Explain **five** phases of records life cycle adopted in an Agri-enterprise. (10 marks)