



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

2023 GRADE 5 AGRICULTURE WRITTEN TEST

LEARNER'S NAME: _____ GRADE: _____

ASSESSMENT NUMBER: _____ DATE: _____

SCHOOL NAME: _____

INSTRUCTIONS TO LEARNERS

1. This paper consists of 8 questions.
2. Answer *All* the questions in the spaces provided.

FOR ASSESSORS USE ONLY

(Indicate the performance levels as per the descriptors in the scoring rubric)

Task	Task 1 (Conserving our environment)			Task 2 (Gardening practices)				Task 3 (Domestic animals)	TOTAL
Question	4	7	8	1	2	5	6	3	
Maximum score	12 marks			18 marks				5 marks	35
Learner's Score									

*This paper consists of 7 pages.
Learners should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*

TURN OVER

1. The picture below shows a growing climbing fruit.



E

- a) Identify the climbing fruit shown in the picture. (1 mark)

- b) Name **two** materials used to train the climbing fruit. (2 marks)

- c) Name the **best** planting material for the climbing fruit shown in the picture. (1 mark)

- d) Name the caring practice carried out at the part labelled **E** to reduce the frequency of watering. (1 mark)

2. The picture below shows two types of innovative gardens.



F



G

(a) Identify the innovative garden labelled

F _____ (1 mark)

G _____ (1 mark)

(b) Which one of the gardens is likely to use a smaller space? _____ (1 mark)

(c) Name one other material that can be used to construct the garden labelled **G**. (1 mark)

3. The pictures below show some domestic animals.



H



J



K

(a) State one use of the domestic animal labelled

H _____ (1 mark)

J _____ (1 mark)

K _____ (1 mark)

(b) Give one other use of the domestic animal labelled

J _____ (1 mark)

K _____ (1 mark)

4. Grade 5 learners visited the neighbouring community and took the picture below.



- (a) The picture shows that learners went to study _____ (1 mark)
- (b) On which of the labelled parts should the learners carry out soil recovery? _____ (1 mark)
- (c) How can the recovered soil be made more useful for farming? (1 mark)

- (d) Give **one** soil conservation practice that can be carried out on the part labelled **L** to control soil erosion. (1 mark)

5. The picture below shows plots developed by grade 5 learners to demonstrate water conservation.



P



Q

(a) Give **two** reasons why the crop labelled **P** is growing better than the one labelled **Q**? (2 marks)

(b) Name **one** other material that be used instead of the material labelled **R**. (1 mark)

(c) Apart from the water conservation practice shown in the plot labelled **P**, give **two** other practices that can be carried out in the plot labelled **Q**? (2 marks)

6. The picture pictures below show indigenous food crops observed by grade 5 learners on a market.



R



S



T



V

Identify the indigenous crops labelled **R, S, T, V** and tick its category.

(4 marks)

	Name	Category		
		Cereal crop	Root crop	Vegetable crop
R				
S				
T				
V				

7. Mavuno village elder called for a meeting to discuss ways of controlling monkeys that were destroying the maize crop. One member suggested that they should poison the monkeys but the rest disagreed.

(a) Give **one** reason why the rest of the villagers refused to poison the monkeys. (1 mark)

(b) State **two** ways the villagers can control the monkeys without killing them. (2 marks)

(c) Name the part of maize plant damaged by the monkeys. (1 mark)

8. The picture below shows a famer carrying out a practice to harden off fruit tree seedlings for planting.



(a) (i) Identify the practice. (1 mark)

(ii) Name **two** hardening practices the farmer carried out to harden the seedlings. (2 marks)

(b) What time of the day should the farmer plant the fruit trees? (1 mark)
