

SCHOOL BASED ASSESSMENT
GRADE 4
September 2024
Agriculture and Nutrition
1 hour 30 minutes



THE KENYA NATIONAL EXAMINATIONS COUNCIL
SCHOOL BASED ASSESSMENT

Agriculture and Nutrition

Learner's Name: _____

Assessment No. _____ **Grade:** _____

Date: _____

Instructions to Learners

- (a) *This paper consists of 12 questions.*
(b) *Answer All the questions in the spaces provided.*

FOR TEACHER'S USE ONLY

Task	Task 1 (Agriculture)						Task 2 (Nutrition)						TOTAL
Question	1	2	3	4	5	6	7	8	9	10	11	12	
Maximum Score	2	2	3	2	3	3	3	3	3	5	3	3	40
Learner's Score													

This paper consists of 6 printed pages.

Answer all the questions in the spaces provided.

1. A farmer has a pile of kitchen waste, slashed grass, and dry leaves shown below.



Kitchen waste



Slashed dry grass



Dry leaves

State **two** steps the farmer should follow to turn the above materials into compost manure.
(2 marks)

- (i) _____
(ii) _____

2. The picture below shows two methods of watering plants.



E



F

- (a) Name the method of watering labelled F _____ (1 mark)
(b) Which method of watering conserves water? _____ (1 mark)

3. A Grade 4 learner has collected the following materials for constructing a scarecrow to control wild animals in the school garden.



(a) Name **one** other object that the learner requires _____ (1 mark)

(b) Give **one** use of each of the following as the learner constructs the scarecrow:

(i) Grass _____ (1 mark)

(i) Thread _____ (1 mark)

4. Below is a list of activities carried out when sowing tiny carrot seeds in the seedbed.

- (i) Cover the seeds lightly with soil and press down.
- (ii) Evenly distribute the tiny carrot seeds along the furrows.
- (iii) Make shallow furrows in the soil using a stick or your finger.
- (iv) Prepare the soil by loosening it and removing any weeds or debris.

Arrange the activities in the **correct** order. (2 marks)

- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____

5. The picture below shows a Grade 4 learner planting a guava fruit tree.



(a) How did the learner prepare the soil for planting the fruit tree? (1 mark)

(b) State **two** caring practices the learner will carry after planting. (2 marks)

6. The following is a list of different domestic animals. State the main use of each of the animals in the farm. (3 marks)

Animal	Main use on the farm
Cows	
Chicken	
Donkey	

7. A family uses firewood for cooking but wants to conserve fuel. State **three** ways they can conserve firewood while cooking. (3 marks)

8. Sarah was served with rice, beans, spinach, and a ripe banana for lunch.

- (a) Indicate whether Sarah's meal is a balanced diet or not by ticking in the appropriate box. (1 mark)

Balanced diet	YES	
	NO	

- (b) Name the main nutrient supplied by each of the following food substance in Sarah's meal: (2 marks)

- (i) Beans _____
- (ii) Spinach _____

9. Tom wants to shallow fry fish fillet. The following are the steps he intends to follow:

- (i) Cook until golden brown on one side; then flip to cook the other side.
- (ii) Heat oil in a frying pan over medium heat.
- (iii) Place fish fillets gently into the hot oil.
- (iv) Place on paper towels to drain excess oil.
- (v) Remove the fish from pan using spatula once fully cooked.
- (vi) Season the fish fillets with salt and spices.

Arrange the steps in the **correct** order.

(3 marks)

10. The Nutrition teacher asked learners to always maintain proper hygiene.

a) Outline **four** steps the learners should follow when washing their hands. (2 marks)

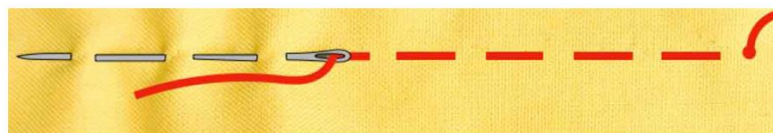
b) State **three** reasons why the learners should properly dispose kitchen refuse to maintain hygiene at home. (3 marks)

11. A learner hanged clothes on a clothesline to dry after washing. Outline three reasons for drying the clothes. (3 marks)

12. The picture below shows two types of tacking stitches.



G



H

(a) Identify the tacking stitch labelled:

G _____ (1 mark)

H _____ (1 mark)

(b) Give the main difference between the two types of tacking stitches. (1 mark)

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