

SCHOOL BASED ASSESSMENT
GRADE 7
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 11 questions.*
- (b) *Answer All the questions in the spaces provided.*

FOR TEACHER'S USE ONLY

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

This paper consists of 5 printed pages.

Answer all the questions in the spaces provided

1. Grade 7 learners planted trees to conserve water as shown in the picture.



a) Explain two ways in which the structure conserves water. (2 marks)

b) Outline three caring practices the learners could carry out on the established tree. (3 marks)

c) Describe two ways in which soil pollution can be minimised during tree planting. (2 marks)

2. Grade 7 learners took the picture below during a visit to an onion garden.



a) Identify the management practice that needed to be carried out on the garden. (1 mark)

b) Give two reasons why the management practice should be timely carried out. (2 marks)

c) i) Describe two practices that may have been carried out on the garden to achieve appropriate soil tilth during transplanting of the seedlings. (2 marks)

ii) Give a reason why it is important to prepare soil to a suitable tilth before transplanting the onions. (1 mark)

3. A teacher provided Grade 7 learners with the materials and equipment shown for honey extraction.



Describe how to extract honey using the materials and equipment shown. (3 marks)

4. Grade 7 learners visited a dairy unit to observe cattle rearing practices. Outline three hygiene practices the learners may have observed in a calf pen. (3 marks)

5. Grade 7 learners used a framed suspended garden to grow vegetable in the school. Give three suitable sites the learners could choose for the framed suspended garden. (3 marks)

6. Grade 7 learners dried mango fruits they had harvested from the school farm. Give three reasons why the learners dried the mango fruits. (3 marks)

7. Tina's father wants to use an oven to roast meat for the family. Outline three safety precautions he should observe while roasting the meat. (3 marks)

8. Mr. Shujaa, a Chef made a presentation to Grade 7 learners on how to conserve nutrients in green leafy vegetables. Outline three ways of conserving nutrients when preparing vegetables he is likely to have talked about. (3 marks)

9. Furaha has just finished washing her loose coloured cotton blouse.

a) Give the reason why she added salt during the final rinse of the blouse. (1 mark)

b). Describe how she should dry the blouse. (2 marks)

10. Grade 7 learners at Jasiri Junior School are preparing to make a knitted scarf during a practical lesson. Outline three safety precautions the learners should observe while knitting. (3 marks)

11. Achacha is preparing to make home-made soap.

a). Name two natural ingredients he may use. (1 mark)

b). State two forms in which he can package the soap. (2 marks)

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