



GRADE 5 – AGRICULTURE

Time: 1 Hour 30 Minutes

LEARNER'S DETAILS

Name: _____ . School: _____

Assessment Number: _____ . Date: _____

School Code: _____ . Signature: _____

Instructions for Learners

1. Write your **full name** and **assessment number** in the spaces provided above.
2. Indicate your **school name** and **school code** clearly. **Sign and date** this paper in the spaces provided.
3. This paper consists of **TWO** sections: Section A and Section B.
4. Answer **ALL** questions in **BOTH** sections.
5. Write your answers in the spaces provided in this question paper.
6. Do **NOT** remove any page from this paper.
7. All responses must be written in **English**

FOR OFFICIAL USE ONLY -FOR EXAMINER'S USE

SECTION	SECTION A	SECTION B	% SCORE	EE1	EE2	ME1	ME2	AE1	AE2	BE1	BE2
SCORE RANGE	30 MARKS	20 MARKS		90-100	75-89	58-74	41-57	31-40	21-30	11-20	1-10
POINTS				8 POINTS	7 POINTS	6 POINTS	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT
LEARNER'S TOTAL SCORE											

SECTION A (20 MARKS)

Answer **ALL** questions in this section

1. A teacher takes learners to a farm with poor soil. They observe the following

- a) Identify one area showing poor soil. _____ (1 mark)
- b) Name the structure used to improve soil fertility. _____ (1 mark)
- c) State TRUE or FALSE: (2 marks)
- i) Compost improves soil fertility _____.
- ii) Burning plant remains improves soil: _____.

2. Learners observe a school garden.



a) Name the method of conserving water shown. (1 mark)

_____.

b) Match the method to its use:

Method	Use
Mulching	Reduces evaporation
Shading	Direct watering
Drip irrigation	Protects from sun

c) State one importance of conserving water. (1 mark)

3. A farmer protects crops from animals.



a) Name the method used to repel wild animals. _____ (1 mark)

b) The animal below was captured destroying farm crops.



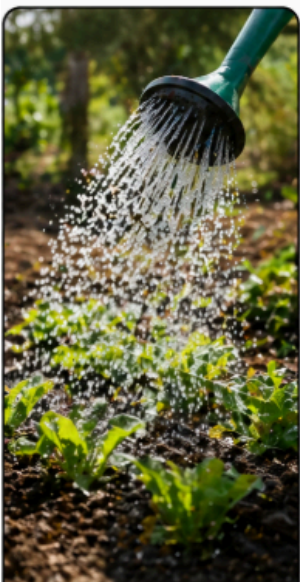
What is the name of the animal? _____ (1 mark)

c) State TRUE or FALSE: (2 marks)

i) Wild animals should be destroyed _____

ii) We can live peacefully with animals _____

4. Learners prepare a nursery bed.



M



N



O

a) Name the activity of moving seedlings labelled N. _____ (1 mark)

b) Identify the tool used labelled O. _____ (1 mark)

c) List one benefit of activity M. (1 mark)

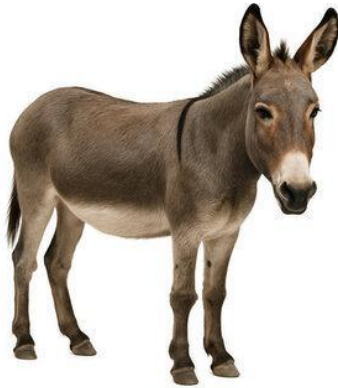
d) State one care practice after transplanting. (1 mark)

5. Kibaki rears different animals in his farm.

a) Match animals to their uses:

Animal	Use
Cow	Honey
Bee	Milk
Chicken	Eggs

b) State one importance of the domestic animal shown below. (1 mark)



SECTION B: (30 MARKS)

Answer all questions.

6. A family stores maize after harvest.

a) Name two methods of preserving cereals. (2 marks)

- i. _____.
- ii. _____.

b) Explain why sun drying is important. (2 marks)

- i. _____.

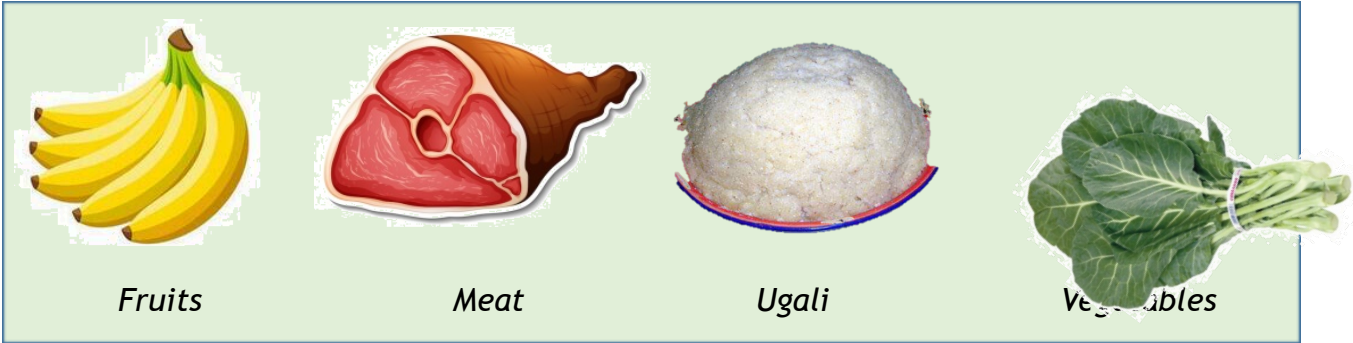
ii. _____.

c) List two dangers of poor storage. (2 marks)

i. _____.

ii. _____.

7. A learner prepares a meal containing the following.



a) Identify foods rich in:-

i) Proteins _____(1 mark)

ii) Vitamins _____(1 mark)

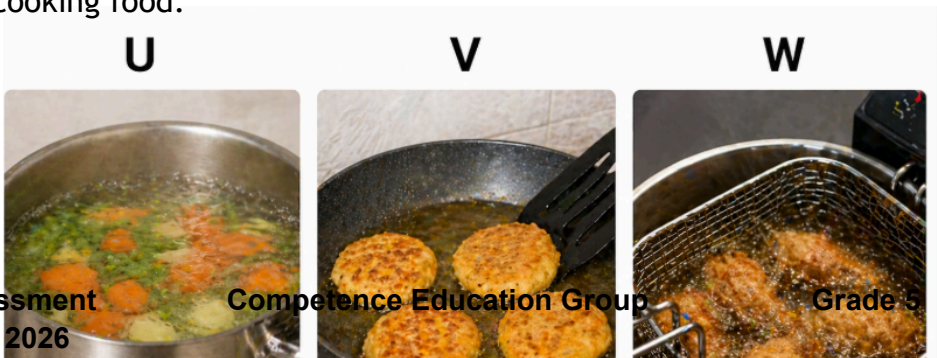
b) Match nutrients to functions:

Nutrient	Function
Proteins	Energy
Carbohydrates	Growth
Vitamins	Protection

c) Name one disease caused by poor nutrition. _____(1 mark)

d) Explain importance of a balanced diet. (2 marks)

8. A learner is cooking food.



a) Identify the cooking methods shown. (3 marks)

U: _____.

V: _____.

W: _____.

b) State one difference between shallow and deep frying. (2 marks)

Shallow frying	Deep frying

c) State one safety rule when cooking. (1 mark)

9. Grade 5 learners from Mazuri Primary school conducted a cleaning exercise in the house.



a) Name two cleaning methods shown. (2 marks)

X: _____

Y: _____

b) Explain importance of activity Z. (2 marks)

c) State TRUE or FALSE: (2 marks)

i) Clean homes prevent diseases _____

ii) Dirty clothes improve hygiene _____

10. The pictures below shows two different types of innovative kitchen gardens used by learners from Tambach Primary school.



G



H

a) Identify the **two** types of innovative kitchen gardens in pictures above. (2 marks)

G: _____

H: _____

b) Explain one advantage of vertical gardening. (1 mark)

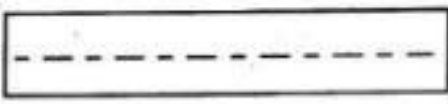
11. Annette was making certain tacking stitches

a) Name **two** types of tacking stitches. (2 marks)

i. _____.

ii. _____.

b) Name the following type of tacking stitch.



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ANSWERS

1.

- a) Gullies / Bare land/Q
- b) Compost pit

- c)
- i) TRUE
- ii) FALSE

2.

- a) Mulching

b)

- i. Mulching – Reduces evaporation
- ii. Shading – Protects from sun
- iii. Drip irrigation – Direct watering

- c) Helps plants grow well / Prevents water wastage

3.

- a) Innovative lighting

b) Mole

- c)
- i) FALSE
- ii) TRUE

4.

- a) Transplanting

- b) Watering can
- c) Helps seedlings grow well / Conserves moisture
- d) Watering seedlings / Shading seedlings

5.

- a)
 - i. Cow – Milk
 - ii. Bee – Honey
 - iii. Chicken – Eggs

b)

- ☐ **Transporting loads** – It carries heavy items like water, firewood, farm produce, and building materials.
- ☐ **Helping in farming** – It can carry tools and harvested crops from the farm.
- ☐ **Water fetching** – It is commonly used to fetch water from distant sources.
- ☐ **Reducing human workload** – It helps people, especially children and women, by doing heavy tasks.
- ☐ **Low cost maintenance** – It is cheap to feed and keep compared to motor vehicles.
- ☐ **Income generation** – It can be hired out to earn money.
- ☐ **Ploughing assistance (in some areas)** – It can help in light farm work.

6.

- a)
 - i) Sun drying
 - ii) Smoking / Proper storage in granaries

- b)
 - i) Reduces moisture in cereals
 - ii) Prevents rotting and mould growth

- c)
 - i) Attack by pests
 - ii) Food spoilage / Moulding

7.

- a)
 - i) Meat
 - ii) Fruits / Vegetables

b)

- i. Proteins – Growth
- ii. Carbohydrates – Energy
- iii. Vitamins – Protection

c) Kwashiorkor / Marasmus

d) A balanced diet helps the body grow healthy and protects against diseases.

8.

- a)
U: Boiling
V: Shallow Frying
W: Deep Frying
- b)
Shallow frying – Uses little oil
Deep frying – Uses a lot of oil
- c) Use dry hands when cooking / Keep away from fire carefully

9.

- a)
X: Sweeping
Y: Moping
- b) Keeps the home clean and prevents diseases.
- c)
i) TRUE
ii) FALSE

10.

- a)
G: Multistorey garden
H: Tyre garden
- b) Saves space / Easy to manage crops

11.

- a)
- ✓ Even tacking
 - ✓ Tailors tacking
 - ✓ Long and short tacking
 - ✓ Basting/Diagonal tacking
- b) Long and short tacking / Basting stitch