



GRADE 6 – 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 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. The learners of Mazingira Primary School visited a nearby farm and noticed the following scene after a heavy downpour.



a) Identify the type of soil erosion shown in the picture above. _____(1 mark)

b) Describe how the type of erosion identified in (a) can be prevented. (2 marks)

- i. _____
- ii. _____

c) Mention two other types of soil erosion the learners might have observed on the farm. (2 marks)

- i. _____
- ii. _____

2. A Grade 6 teacher asked learners to prepare the seedbed shown below to help conserve moisture for their vegetable crops.



a) Name the type of seedbed shown above. _____ (1 mark)

b) Apart from the one shown above, name another type of seedbed used to conserve water. (1 mark)

c) Timothy conducts certain farming practices on his farm. (2 marks)



X



Y

Identify the practice shown above. (2 marks)

X: _____ Y: _____

3. Match the domestic animal to its correct use in food production.

- | Animal | Use |
|------------|-------------------------------------|
| a) Bees | i) Providing meat and wool |
| b) Poultry | ii) Producing honey and pollination |
| c) Sheep | iii) Providing eggs and meat |

Animal**Use**

d) Camel

iv) Providing milk and transport in dry areas

4. A Teacher got a stain on his shirt as shown below.



a) Identify the type of stain. _____ (1 mark)

b) State the first step to be taken before removing the stain. (1 mark)

c) Give one reason why it is important to remove stains from our clothes promptly. (1 mark)

5. Study the descriptions below and identify the nutritional disorder.

a) A child has a swollen stomach, thin hair, and swollen legs. _____ (1 mark)

b) A learner lacks iron in their diet and feels tired and dizzy. _____ (1 mark)

c) A person has a swollen neck (enlarged thyroid gland). _____ (1 mark)

d) A child is very thin, looking like an old person due to lack of all nutrients. _____ (1 mark)

SECTION B (30 MARKS)

6. Farmers often face challenges with wild animals destroying their crops. Study the image below.



a) Identify the structure shown in the image above. _____ (1 mark)

b) Explain how the structure above helps in conserving wild animals while protecting crops. (2 marks)

c) Outline three other physical deterrents that can be used to keep off wild animals. (3 marks)

i. _____

ii. _____

iii. _____

7. Grade 6 learners were tasked with preserving surplus vegetables and fruits from their school garden.



a) Which method of food preservation is being demonstrated in the image? _____ (1 mark)

b) List two types of crops that can be preserved using the method above. (2 marks)

i. _____

ii. _____

c) Describe three steps followed when using this method to preserve vegetables. (3 marks)

i. _____

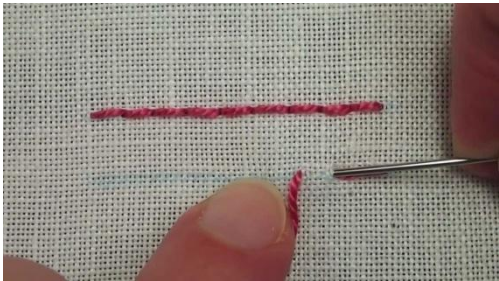
ii. _____

iii. _____

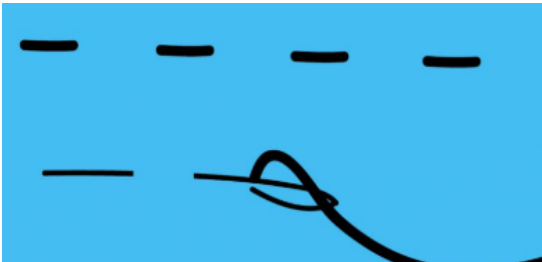
d) Why is it important for a family to preserve food at home? (2 marks)

8. During a Home Science and Agriculture lesson, learners practiced making different stitches for repair and decoration.

J



K



a) Identify the stitches shown in: (2 marks)

Image J: _____

Image K: _____

b) Which of the two stitches above is used for temporary holding of fabric? (1 mark)

_____.

c) State the use of a Back stitch in garment repair. (1 mark)

d) A learner’s shirt has a gaping seam. Describe how they would use stitches to repair it. (4 marks)

9. Read the scenario below and answer the questions.

Atieno is preparing for a school prize-giving ceremony. She wants to look neat and demonstrate good etiquette during the event.

a) Define the term “Good Grooming.” (1 mark)

b) List two healthy habits Atieno should practice to ensure her body is clean. (2 marks)

i. _____

ii. _____

c) Name three types of Personal Protective Equipment (PPE) used when cleaning the home environment. (3 marks)

i. _____

ii. _____

iii. _____

d) State whether the following statements are TRUE or FALSE. (2 marks)

i. We should use a soft cloth to clean glass surfaces. _____

ii. Sweeping should always be done from the door towards the inside of the room. _____

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**ANSWERS – GRADE 6 AGRICULTURE
SECTION A**

I.

a) Type of soil erosion:

- i. Gully erosion

b) Prevention methods:

- i. Planting grass, trees, or shrubs along the gullies
- ii. Constructing terraces on sloping land
- iii. Building gabions or stone barriers
- iv. Practising contour farming
- v. Filling gullies with stones and soil
- vi. Avoiding overgrazing
- vii. Digging diversion channels to control runoff water
- viii. Planting cover crops
- ix. Constructing check dams
- x. Proper drainage management

c) Other types of soil erosion:

- i. Sheet erosion
- ii. Splash erosion
- iii. Wind erosion
- iv. Rill erosion

2.

a) Type of seedbed:

- Sunken bed

b) Another type of seedbed:

- Zai pit
- Flat bed
- Raised bed

c) Farming practices:

- X: Mulching
- Y: Prunning

3. Matching

- a) Bees – ii) Producing honey and pollination
- b) Poultry – iii) Providing eggs and meat
- c) Sheep – i) Providing meat and wool
- d) Camel – iv) Providing milk and transport in dry areas

4.

a) Type of stain:

- Ink stain

b) First step before removing the stain:

- Identify the type of stain
- Read care label instructions
- Soak the cloth in water

Steps in Removing Stains from a White Garment

1. Identify the type of stain.
2. Read the care label on the garment.
3. Remove excess stain gently using a clean cloth or spoon.
4. Soak the garment in cold or warm water.
5. Apply soap, detergent, or stain remover on the stained area.
6. Rub the stained part gently.
7. Rinse thoroughly with clean water.
8. Wash the garment properly.
9. Dry the garment in the sun or a clean airy place.
10. Iron and store the garment neatly if necessary.

c) Importance of removing stains promptly:

- Prevents permanent staining
- Keeps clothes neat
- Improves hygiene
- Extends life of clothes

5.

a) Swollen stomach and legs:

- Kwashiorkor

b) Lack of iron:

- Anaemia

c) Swollen neck:

- Goitre

d) Very thin child:

- Marasmus

SECTION B

6.

a) Structure shown:

scare crow

b) How it helps:

- Prevents wild animals from destroying crops
- Conserves wildlife by keeping them within protected areas
- Reduces human-wildlife conflict

c) Other physical deterrents:

- i. Trenches / ditches
- ii. Thorny bushes / hedges
- iii. Innovative lights and sounds
- iv. Watch towers

v. Noise makers

vi. Stone walls

others

- Fence
- Electric fence
- Game-proof fence

7.

a) Method of food preservation:

- Refrigeration

b) Crops preserved using the method:

Crops

1. Tomatoes
2. Spinach
3. Sukuma wiki (kale)
4. Cabbages
5. Carrots
6. Fruits such as mangoes, oranges, apples, and grapes

Foods

1. Milk
2. Meat
3. Fish
4. Cooked food
5. Eggs
6. Butter
7. Yoghurt
8. Juice and soft drinks

c) Steps followed:

- i. Wash and prepare vegetables/fruits
- ii. Slice or cut into small pieces
- iii. Spread under the sun on a clean surface
- iv. Turn regularly for even drying
- v. Store in airtight containers after drying

d) Importance of preserving food:

- Reduces food wastage
- Ensures food availability during shortage
- Saves money
- Provides food during dry seasons

8.

a) Identify stitches:

Image A: Back stitch



Image B: Even tacking stitch



b) Stitch used for temporary holding:

- Even tacking stitch

c) Use of back stitch:

- Repairing torn seams
- Joining fabric permanently
- Strengthening seams

d) Repairing a gaping seam:

- Thread a needle with matching thread
- Turn garment inside out
- Align torn edges together
- Use back stitches along the seam
- Tie a knot at the end
- Trim excess thread
- Iron the repaired seam if necessary

9.

a) Meaning of good grooming:

- Keeping the body clean, neat and presentable
- Proper care of the body and appearance

b) Healthy habits:

- i. Bathing regularly
- ii. Brushing teeth twice daily
- iii. Washing hands
- iv. Wearing clean clothes
- v. Trimming nails

c) PPE used when cleaning:

- i. Gloves
- ii. Gumboots
- iii. Overall/apron
- iv. Face mask

d) TRUE or FALSE:

- i. TRUE
- ii. FALSE

