



TARGETER WINGS JUNIOR SCHOOL ASSESSMENT

Wings
002

GRADE 8 - 2026

TIME: 1hr 20mins

AGRICULTURE

Learners's Name		Assessment Number	
School Name		School Code	
Learner's Signature		Date	

INSTRUCTIONS TO LEARNERS

1. Write your name and assessment number in the spaces provided above.
2. Write the name and code of your school in the spaces provided above.
3. Sign and write the date of the assessment in the spaces provided above.
4. This paper consists of two sections: A and B.
5. Section A comprises Multiple Choice Questions numbered 1 to 20.
6. Section B comprises short, structured questions numbered 21 to 26.
7. Answer ALL the questions in section A on the separate ANSWER SHEET provided.
8. Answer ALL the questions in section B in the spaces provided in this QUESTION PAPER.
9. Do NOT remove any page from this question paper.
10. Answer ALL the questions in English.

For official use only
SECTION B

Question	21	22	23	24	25
Maximum Score	8	7	5	3	7
Learner's Score per question.					

SECTION A

Read all the instructions carefully

1. You have been given this question paper and a separate answer sheet. This section consists of 30 multiple choice questions.
2. Answer ALL questions on the ANSWER SHEET provided, NOT on the question paper.
3. Do all the necessary rough work on the question paper.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary HB pencil.
5. Confirm that the answer sheet you have been provided with has the following:
YOUR ASSESSMENT NUMBER
YOUR NAME
NAME OF YOUR SCHOOL
NAME OF THE SUBJECT
6. Keep the answer sheet clean and dry. DO NOT fold it.
7. For each of the questions 1-20, four options are given. The options are lettered A, B, C and D. In each case, only ONE of the four options is correct. Choose the correct option.
8. On the answer sheet, the correct answer is to be shown by drawing a DARK LINE inside the box in which the letter you have chosen is written.

Example:

In the Question Paper choose the correct answer.

16. The following are components of integrated farming. Which one is not.
- | | |
|----------------------|-----------------|
| A. Livestock rearing | B. Mulching |
| C. Fish farming | D. Agroforestry |

16. [A] [B] [C] [D]

The correct answer is B.

On the answer sheet, in the set of boxes given for number 16, draw a DARK LINE inside the box with the letter B printed in it as marked below.

9. Your dark line MUST be within the box. DO NOT make any marks outside the boxes.
10. For each question, ONLY ONE box is to be marked.

This paper consists of 7 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

TW-002

AGRICULTURE GRADE 8

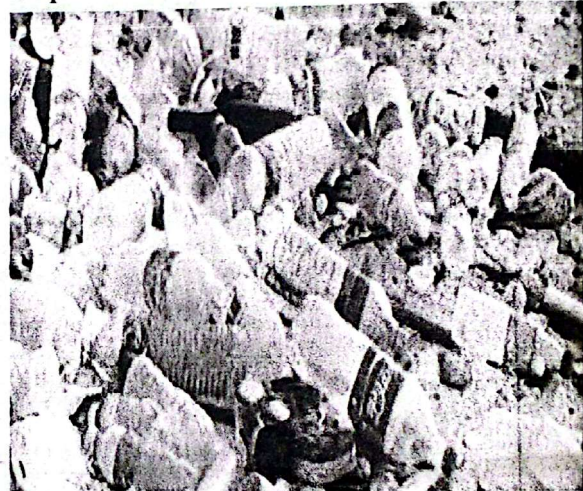
SECTION A (20 marks)

Answer ALL the questions in this section.

- Grade 7 learners were learning about sorting and grading eggs in poultry production. Which one of the following is **not** a factor that should be considered when sorting and grading eggs?
 - Size
 - Weight
 - Cleanliness
 - Nutrients
- James wanted to collect rainwater from the roof of his house to use during the dry season. Which one of the following methods is the **most** appropriate for collecting and storing rainwater?
 - Installing a gutter system and water tank
 - Constructing a farm pond
 - Digging a borehole
 - Using a water pump to fetch water from a river
- A farmer noticed that her farm experienced water shortage during the dry season. Which of the following water harvesting structures is **most** suitable for storing water for irrigation?
 - Underground tank
 - Shallow well
 - Farm pond
 - Borehole

- Wanjiru is planning to install a water harvesting system in her house. What is the **main** advantage of harvesting rainwater using roof catchments?
 - It provides warm water for irrigation.
 - It is a free and sustainable source of clean water.
 - It helps to reduce air pollution.
 - It prevents soil erosion in the garden.

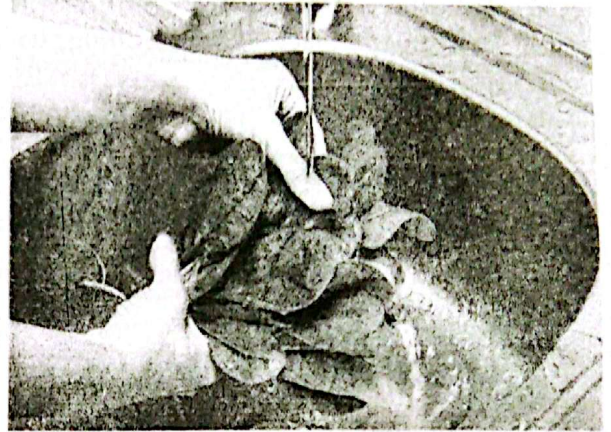
- A farmer came across the plastic waste shown in the picture below in his farm.



- Which of the following is the **best** method to control those plastic wastes.
- Burning them.
 - Burying the them deep in the soil
 - Throwing them in rivers
 - Recycling and reusing them
- Which among the following practices contributes to soil pollution?
 - Planting of trees in the environment
 - Proper disposal of used agricultural chemical containers
 - Dumping plastic waste in the soil.
 - Practicing organic farming

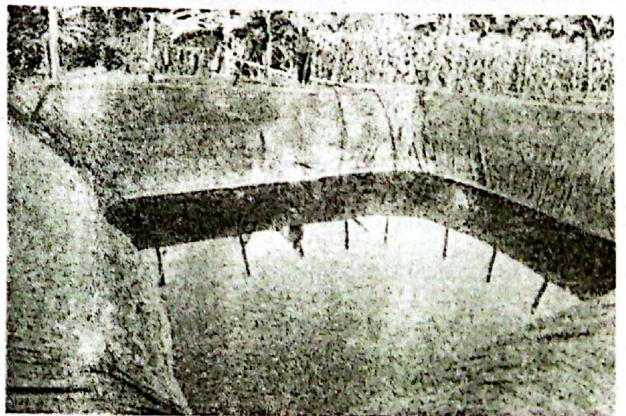
7. During a class activity, learners collected raw honey directly from beehives. The teacher asked them to remove impurities before tasting it. Why is this step important?
- To make the honey sour
 - To remove wax, dirt and other impurities
 - To make the honey evaporate
 - To increase the quantity and quality of honey.
8. During the Agriculture practical, learners made tomato sauce from their harvested tomatoes. Which of the following is the reason for carrying out the activity?
- Processing tomatoes to fetch high market value
 - Processing the tomato sauce to sell at a low price
 - They processed the tomato sauce to feed the livestock
 - They did the activity to avoid being idle
9. An Agricultural officer asked a farmer to water his garden after tilling the soil. How does proper soil tilling help in water management?
- It prevents water from reaching plant roots
 - It allows water to infiltrate and reach roots easily
 - It makes water evaporate instantly
 - It makes the soil waterlogged
10. Peter observed that his suspended garden allowed rainwater to reach all the plants easily. Which activity in framed suspended gardening helps achieve this?
- Planting directly on the ground.
 - Covering the plants with plastic sheets.
 - Arranging containers vertically in frames.
 - Using very large pots only.

11. The picture below shows Amani washing vegetables before cutting them.



Which of the following shows the benefit of the activity shown in the picture?

- To make them look shiny and attractive
 - To increase their size
 - To change their taste
 - To conserve nutrients
12. A farmer planted trees along a riverbank in his village. What environmental problem is he trying to prevent?
- Soil erosion and flooding
 - Plant growth
 - Rainfall increase
 - Sunlight reduction
13. Mr. Maulidi uses the structure shown in the picture below to harvest and store rain water.



Which of the following is **not** part of maintaining the structure shown above?

- Removing weeds and unwanted plants from the pond.

- B. Controlling algae growth in the pond.
- C. Allowing the pond to dry up completely without care.
- D. Regularly checking and repairing pond structures.

14. Omollo kept collecting rainwater in a large tank for his family. Which of the following is another important use of stored rainwater?
- A. Pouring it on the road
 - B. Dumping it on garbage
 - C. Wasting it on non-useful areas
 - D. Watering the livestock and crops in the farm

15. A school grows vegetables like spinach and kales in its backyard. What is the main benefit of backyard gardening?
- A. Increases soil erosion
 - B. Provides fresh vegetables for the school
 - C. Reduces water availability
 - D. Makes the backyard dirty

16. A bee farmer noticed that honey stored in plastic bottles lasts longer without spoiling. What is another reason for using plastic bottles?
- A. Plastic bottles reduce honey's nutritional value.
 - B. Plastic bottles make honey sour.
 - C. Plastic bottles are easy to handle and transport
 - D. Plastic bottles spoil honey quickly.

17. After making soap, Maimuna poured the soap mixture into molds and left it to harden. Why is this step important?
- A. It allows the soap to solidify and be ready for use.
 - B. It makes the soap liquid forever.
 - C. It reduces the soap's effectiveness.
 - D. It makes the soap sour.

18. A farmer was seen applying dry grass on the base of the crops as shown in the picture.



What is the name given to the activity?

- A. Thinning
- B. Mulching
- C. Weeding
- D. Pruning

19. A community made table mats and hats through knitting. Why is this skill important?

- A. Products can be sold to earn money
- B. Products spoil quickly
- C. Products are useless
- D. Products reduce soil nutrients

20. My mother washed their loose coloured clothes in separate basins. Why did she practice this act?

- A. To make the clothes fade immediately.
- B. To make the clothes shrink.
- C. To waste water unnecessarily.
- D. To prevent colours from mixing and staining other clothes.

Section B

Answer ALL the questions provided (30 Marks)

21. a) Define the term soil conservation.

(2 Marks)

b) State three importance of soil conservation in the agricultural environment.

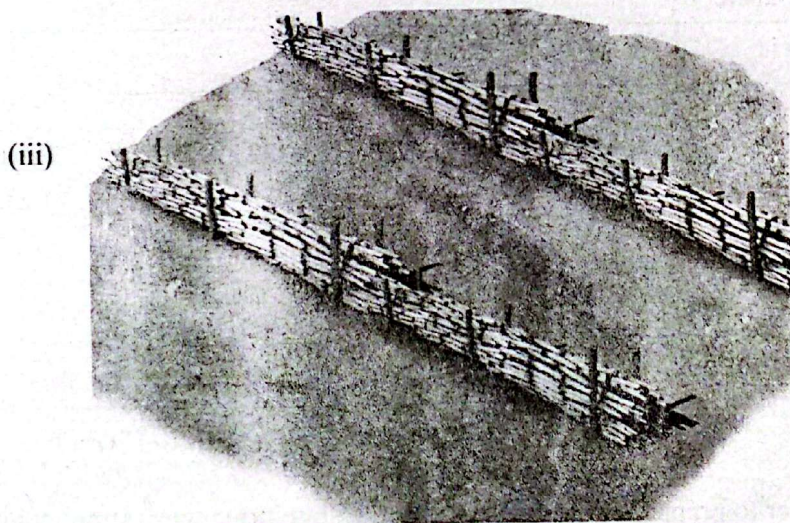
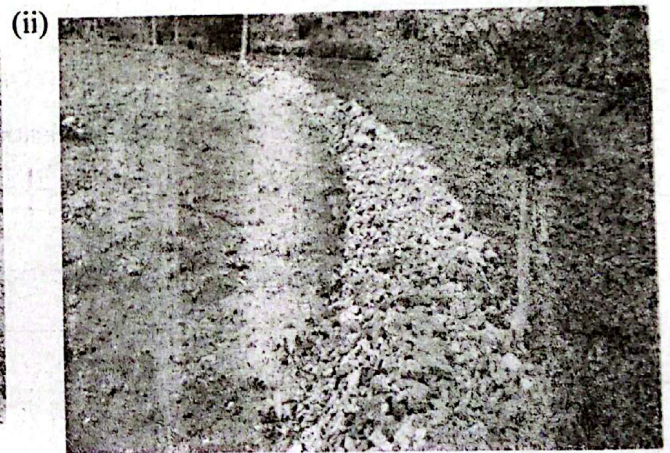
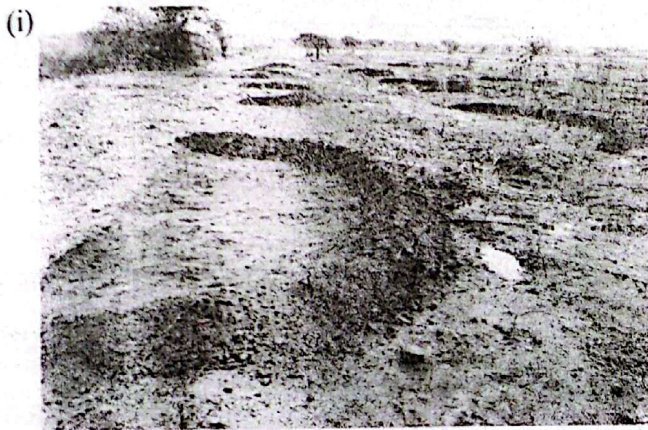
(3 Marks)

i) _____

ii) _____

iii) _____

c) Grade 8 learners, visited the school nearby farm and observed different methods of soil conservation as shown in the pictures below.



Identify each method.

(3 Marks)

i) _____

ii) _____

iii) _____

22. a) John and his parents live in a congested town with limited space. If they want to harvest and store rainwater, suggest one method they can use for harvesting and one method of storing rainwater. (2mks)

i) Harvesting - _____

ii) Storing - _____

b) Chitechi is a large-scale farmer. He is thinking of a method he can apply to harvest a large amount of water for watering his crops. Suggest two methods of harvesting and storing rainwater that you would advise him to use. (2 Marks)

i) _____

ii) _____

c) State three importance of harvesting and storing rainwater. (3 Marks)

i) _____

ii) _____

iii) _____

23. a) Define soil tilth. (2 Marks)

b) State three categories of soil tilth. (3 Marks)

i) _____

ii) _____

iii) _____

24. Maria has been asked by her mother to prepare vegetables for dinner. State three ways she should apply to conserve vitamins and nutrients in the vegetables. (3 Marks)

i) _____

ii) _____

iii) _____

25. Grade 8 learners, established a kitchen and a backyard garden in their school farm.

a) Give **three** examples of vegetables that can be planted in the kitchen and backyard garden. (3 Marks)

i) _____

ii) _____

iii) _____

b) State **four** care and management practices that should be carried out in the kitchen and backyard garden for quality production of vegetable produce. (4 Marks)

i) _____

ii) _____

iii) _____

iv) _____