



DOYEN PUBLISHERS
KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT
END TERM I 2025 JOINT EXAM
GRADE 8 AGRICULTURE

Time: 1 hour 40 mins

NAME: _____
SCHOOL: _____
STREAM: _____ DATE: _____

INSTRUCTIONS

- a) Write your name, school, stream and date in the spaces provided above.
- b) This paper consists of **two** sections: **A** and **B**.
- c) **Section A** comprises Multiple Choice Questions numbered **1** to **30**.
- d) **Section B** comprises short, structured questions number **31** to **34**.
- e) Answer **ALL** the questions in section A in the table provided below.
- f) Answer **ALL** the questions in section B in the spaces provided in this QUESTION PAPER.
- g) Do **NOT** remove any page from this question paper. Answer **ALL** the questions in English.

ANSWER SHEET – SECTION A

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.

21.	22.	23.	24.	25.	26.	27.	28.	29.	30.

LEARNER'S SCORE

SCORES		TOTAL
A (Out of 30)		
B (Out of 40)		

This paper consists of 6 printed pages. Candidates should check the question paper to confirm that all pages are printed as indicated and that no questions are missing.

SECTION A (30 marks)

Answer ALL the questions in this section. Write your answers in the spaces provided on the first page.

1. What is the main aim of conservation of resources?
 - A. To increase the use of resources
 - B. To prevent the depletion of natural resources
 - C. To waste resources
 - D. To import more resources from other countries

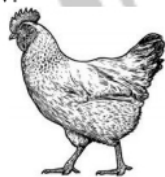
2. Which of these activities helps in the conservation of water resources?
 - A. Using water efficiently
 - B. Leaving water taps running
 - C. Polluting water bodies
 - D. Over-irrigating farms

3. What is soil conservation?
 - A. The process of increasing soil fertility
 - B. The practice of using more fertilizers
 - C. The removal of weeds from the soil
 - D. The practice of protecting soil from erosion and degradation

4. Which of the following is a method of soil conservation?

A. Monoculture	C. Clearing forests
B. Crop rotation	D. Overgrazing

5. Identify a duck from the poultry animals shown below:



A.



C.



B.

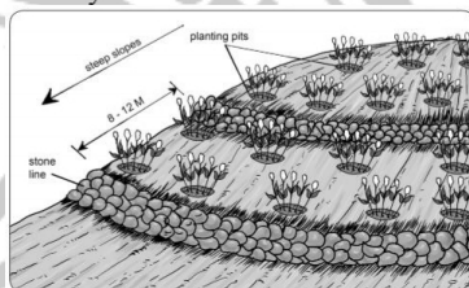


D.

6. Why is soil conservation important?
 - A. It prevents soil erosion and maintains soil fertility
 - B. It reduces the amount of rainfall
 - C. It increases the size of farms

7. Which of the following methods helps to conserve soil by reducing water erosion?
 - A. Applying more pesticides
 - B. Crop rotation
 - C. Terracing
 - D. Cutting down trees
8. What is water harvesting?
 - A. Using chemical fertilizers in crops
 - B. Using groundwater to irrigate crops
 - C. Digging wells for irrigation
 - D. Collecting and storing rainwater for future use

9. Identify the method of soil conservation below.



- A. bunds
 - B. strip cropping
 - C. trash lines
 - D. stone lines

10. Which of these is a method of harvesting water for farming?
 - A. Reducing rainfall
 - B. Using wells only
 - C. Watering crops with chemicals
 - D. Dams and reservoirs

11. What is the main purpose of storing water for domestic use?
 - A. To create floods
 - B. To store it for agricultural irrigation only
 - C. To save water for drinking, cooking and bathing
 - D. To waste it

12. Which of the following is an example of a method used to store water for domestic use?
 - A. Drip irrigation
 - B. Building tanks or reservoirs
 - C. Using chemical fertilizers

- D. It makes the soil less fertile
13. How can water be stored in schools for domestic use?
- By building rainwater harvesting tanks
 - By using only bottled water
 - By using open wells
 - By using only plastic containers
14. Which of the following is a food production process?
- Baking bread
 - Harvesting crops
 - Buying food from a market
 - Polluting water sources
15. Which of the following is **NOT** a method of food production?
- Aquaculture
 - Industrial farming
 - Cooking food
 - Organic farming
16. Which of these vegetables can be grown in a kitchen or backyard garden?
- Spinach
 - Mango
 - Coconut
 - Sugarcane
17. What is the role of a kitchen and backyard garden in food production?
- To increase food consumption without production
 - To reduce dependence on commercial food supplies
 - To eliminate all farming activities
 - To produce food for export only
18. What is the name of the water storage facility drawn below?



- A. pond C. swimming pool

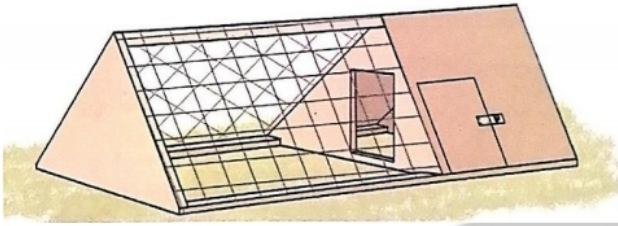
- D. Pumping water directly from rivers
19. What is square foot gardening?
- A method of growing crops in rows only
 - A way of growing crops in a small, organized plot using square sections
 - A technique used only for fruits
 - A method for raising livestock
20. Which of the following is a benefit of square foot gardening?
- It requires large amounts of land
 - It increases water usage
 - It reduces the need for fertilizers
 - It makes efficient use of space and resources
21. How does square foot gardening contribute to nutrition?
- It limits the variety of crops grown
 - It reduces the nutritional value of the crops
 - It uses excessive chemicals
 - It provides fresh, home-grown vegetables for healthy meals
22. What is a poultry fold used for?
- Growing crops
 - Feeding livestock
 - Harvesting water
 - Keeping poultry in a safe and secure environment
23. What is the importance of rearing poultry?
- It provides eggs, meat and feathers for various uses
 - It increases soil erosion
 - It prevents food production
 - It destroys the local ecosystem
24. Which of the following is the most effective method to prevent soil erosion?
- Tilling the soil frequently
 - Planting cover crops
 - Clearing large areas of vegetation
 - Using harmful chemicals
25. What is the most common form of water storage for domestic use in rural areas?
- Water tanks
 - Ponds
 - Bottles

B. lake

D. dam

D. Rivers

26. Identify the structure:



- A. Chicken pen
- B. Poultry mansion
- C. Poultry pen
- D. Silo

27. What is the primary purpose of crop rotation in soil conservation?

- A. It decreases soil fertility
- B. It helps prevent soil depletion and maintains soil health
- C. It requires more water for crops
- D. It increases the use of pesticides

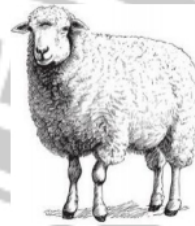
28. How can schools help in water conservation?

- A. By building rainwater harvesting systems
- B. By using excess water for non-essential purposes
- C. By polluting water sources
- D. By leaving taps running

29. Why is mulching important for soil conservation?

- A. It blocks the sun from reaching the soil
- B. It increases the need for chemicals
- C. It keeps the soil moist and protects it from erosion
- D. It makes the soil compacted

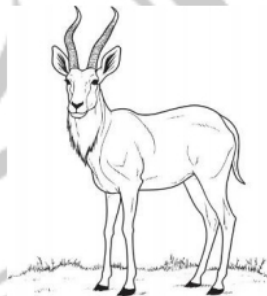
30. Which of the following animals drawn below is a goat?



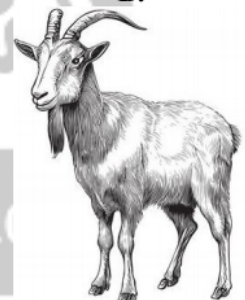
A.



B.



C.



D.

SECTION B (40 marks)

Answer ALL the questions in this section in the spaces provided after each question.

31. Conservation of resources is important in our world.

a) What does soil conservation mean?

(2 marks)

b) Explain **two** methods of soil conservation.

(4 marks)

c) State **two** reasons why it is important to conserve soil.

(2 marks)

- b) Give **one** precaution to consider when making homemade soap. (1 mark)

- c) Outline **three** qualities of a good laundry soap. (3 marks)

- d) What is a soapless detergent? (2 marks)

34. Water is very crucial in farming and due to fluctuating weather conditions, it is important to harvest and store water.

- a) Name **three** methods of harvesting water for farming purposes. (3 marks)

- b) Where can we store harvested water? Give **two**. (2 marks)

- c) Describe the process of harvesting rainwater using gutters. (5 marks)

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