



DOYEN PUBLISHERS
KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT
END TERM I 2025 JOINT EXAM
GRADE 7 - AGRICULTURE

Time: 1 hour 40 mins

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

INSTRUCTIONS

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

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)		

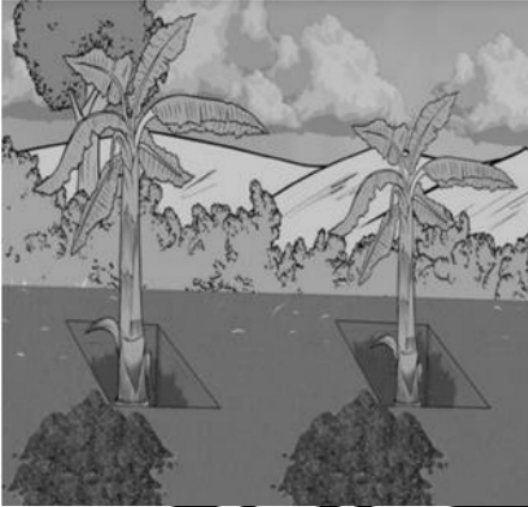
This paper consists of 6 printed pages. Candidates should check the question paper to confirm that all pages are printed as indicated and that no questions are missing.

SECTION A (30 marks)

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

- | | |
|--|---|
| <p>1. What is a major cause of soil pollution?
 A. Overplanting C. Deforestation
 B. Inorganic fertilizers D. Crop rotation</p> <p>2. Which of the following is NOT a cause of soil pollution?
 A. Industrial waste
 B. Agricultural chemical runoff
 C. Tree planting
 D. Waste disposal</p> <p>3. Soil pollution can lead to:
 A. Decreased soil fertility
 B. Increased plant growth
 C. Less rainfall
 D. Increased water retention</p> <p>4. Which pollutant is most likely to come from chemical fertilizers?
 A. Organic matter C. Carbon dioxide
 B. Nitrogen compound D. Water</p> <p>5. We can reduce soil pollution at home by:
 A. Using more pesticides
 B. Using excess plastic
 C. Excessive watering
 D. Burning waste</p> <p>6. Identify the water retention structure below.</p> <div style="text-align: center;">  </div> <p style="margin-left: 40px;">A. Retention ponds C. Water retention ditch
 B. Earth basin D. Swales</p> <p>7. Which of the following is NOT a water retention structure?
 A. Terraces
 B. Sunken beds
 C. Irrigation canals
 D. Earth basins</p> | <p>8. Which of the following helps prevent soil erosion in farming?
 A. Planting trees along the edges of the farm
 B. Overuse of chemical fertilizers
 C. Deep plowing of fields
 D. Planting monocultures</p> <p>9. How can farmers prevent soil erosion on slopes?
 A. By overgrazing cattle
 B. By using heavy machinery
 C. By planting cover crops
 D. By clearing vegetation</p> <p>10. Which is the purpose of creating an awareness poster on soil pollution?
 A. To encourage soil contamination
 B. To educate people about soil pollution control
 C. To promote the use of chemicals
 D. To discourage tree planting</p> <p>11. Name the farm equipment shown below.</p> <div style="text-align: center;">  </div> <p style="margin-left: 40px;">A. Hoe
 B. Harrow
 C. Digging tool
 D. Plough</p> <p>12. What is a water retention structure?
 A. A device used to harvest rainwater
 B. A structure designed to conserve water and prevent surface runoff
 C. A structure that prevents soil erosion
 D. A tool for irrigation</p> <p>13. How do rain basins help in conserving water?
 A. By causing soil pollution
 B. By directing water into rivers
 C. By trapping rainwater for later use
 D. By releasing water too quickly</p> <p>14. A water retention ditch should be:
 A. Built with steep sides to increase runoff
 B. Built in areas with no vegetation
 C. Filled with toxic chemicals
 D. Wide and shallow to slow water flow</p> |
|--|---|

15. Grade 7 learners prepared the method of water retention shown below. Name it.



- A. water retention holes
B. water retention pits
C. water retention ditches
D. water retention dams
16. Earth banks help in farming by:
- A. Preventing water from evaporating
B. Increasing the amount of runoff
C. Removing nutrients from the soil
D. Decreasing soil erosion
17. The vegetable shown contains all the following except:



- A. Calcium
B. Vitamins
C. Proteins
D. Zinc
18. Water conservation helps farming by:
- A. Reducing soil erosion
B. Making the soil too wet for crops
C. Increasing surface runoff
D. Reducing the effectiveness of fertilizers
19. Which method is most effective in conserving vitamins and minerals while cooking vegetables?
- A. Boiling them for a long time
B. Steaming or microwaving them
C. Frying them in oil
D. Overcooking them

20. What is one way to conserve vitamins and minerals in vegetables during preparation?
- A. Cutting vegetables into small pieces before washing
B. Using excessive water
C. Boiling vegetables for a long time
D. Washing vegetables before cutting them into small pieces

Agroforestry refers to the practice of growing crops, trees and raising animals all on the same piece of land.

- A. Forestry
B. Agroforestry
C. Agroforestry
D. Deforestation

Agroforestry is a characteristic of a good agroforestry tree?

- A. It requires minimal water
B. It is tall with many leaves
C. It causes soil erosion
D. It grows slowly

23. What is the main use of trees in agroforestry?

- A. To reduce soil erosion
B. To reduce soil erosion
C. To increase soil erosion
D. To promote monoculture

24. How do trees help conserve the environment?

- A. By absorbing carbon dioxide and releasing oxygen
B. By reducing rainfall
C. By decreasing soil nutrients
D. By increasing pollution

25. Which of the following equipment is best for irrigation?



A.



C.



B.



D.

26. The following are effects of deforestation in Kenya. Which one is NOT?

- A. Loss of tree species
- B. Decreased soil pollution
- C. Desertification
- D. Increased soil erosion.

27. _____ involves replanting trees where forests have been cut down while _____ is the the process of planting trees in areas where trees have existed before.

- A. deforestation, reafforestation
- B. reafforestation, deforestation
- C. forestation, afforestation
- D. afforestation, reforestation

28. Below are uses of trees EXCEPT:

- A. they act as wind breakers.
- B. they form water catchment areas
- C. they encourage poaching
- D. they provide wood.

29. Which one is suitable for ploughing a large farm?

- A. Oxen
- B. Donkey
- C. Hoe
- D. Tractor

30. Which soil is MOST suitable for growing the crop below?



- A. Sandy soil
- B. Alluvial
- C. Loamy soil
- D. Clay soil

SECTION B (40 marks)

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

31. Agriculture is the backbone of our economy.

a) What is Agriculture?

(2 marks)

b) What is Nutrition?

(2 marks)

c) List **two** types of Agriculture.

(2 marks)

d) Outline **four** importance Agriculture.

(4 marks)

32. Grade 7 learners found out that pollution is common in their environment.

a) Define soil pollution. (2 marks)

b) State **three** causes of soil pollution. (3 marks)

c) Outline **two** effects of soil pollution. (2 marks)

d) Suggest **two** ways of controlling soil pollution in our environment. (3 marks)

33. In nutrition, conserving food nutrients is very important for ensuring that the food we grow is healthy and nutritious.

a) Name **two** ways of conserving nutrients in vegetables during preparation. (2 marks)

b) Name **two** ways of conserving nutrients in vegetables during handling. (2 marks)

c) Name **two** ways of conserving nutrients in vegetables during cooking. (2 marks)

d) Explain **two** reasons why it is important to conserve food nutrients? (4 marks)

34. Mau forest is one of the largest forests in Kenya that have undergone reforestation.
a) What is deforestation? (2 marks)

b) State **three** effects of deforestation. (3 marks)

c) Highlight **three** characteristics of good agroforestry trees. (3 marks)

d) Give **two** uses of trees. (2 marks)



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