



# DOYEN PUBLISHERS

## KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

### END TERM I 2025 JOINT EXAM

### GRADE 9 AGRICULTURE 906/1

(Paper 1: Theory)

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 **36**.
- Answer **ALL** the questions in section A in the table provided below.
- Answer **ALL** the questions in section B in the spaces provided in this QUESTION PAPER.
- 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)		

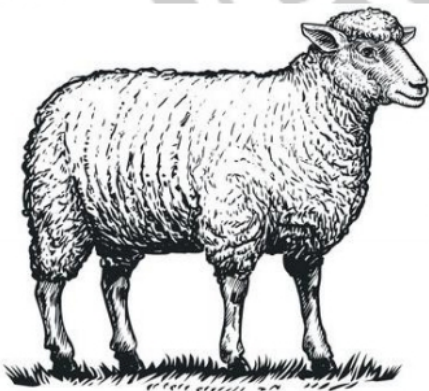
*This paper consists of 7 printed pages. Candidates should check the question paper to confirm that all pages are printed as indicated and that no questions are missing.*

**SECTION A (30 marks)**

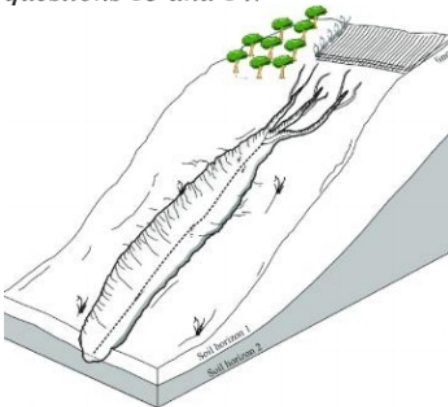
**Answer ALL the questions in this section. Write your answers in the spaces provided on the first page.**

1. Why is it important to conserve animal feed?  
A. To reduce the cost of farming  
B. To increase livestock feed availability during dry seasons  
C. To improve the taste of animal feed  
D. To provide a variety of food for animals year-round
2. Which of the following is **NOT** a method of conserving forage?  
A. Baling hay  
B. Freezing fresh forage  
C. Drying hay  
D. Storing forage in silos
3. Which of the following factors is important to consider when choosing a method of conserving forage?  
A. Type of animals  
B. Season of the year  
C. Climate conditions  
D. All of the above
4. Baled hay is best suited for:  
A. Large animals like cattle  
B. Small animals like rabbits  
C. Storing dry forage for use in wet seasons  
D. Making silage
5. The animal drawn is a \_\_\_\_\_  
A. goat  
B. sheep  
C. calf  
D. dog
6. What variety of meat is produced by the animal drawn above?  
A. beef  
B. pork  
C. veal  
D. mutton
7. Which of the following is **NOT** a benefit of conserving forage?  
A. Reduces waste of animal feed  
B. Provides a consistent supply of feed  
C. Ensures feed availability during feed shortages  
D. Increases the lifespan of farming
8. Why is it important to conserve leftover food?  
A. To reduce food wastage and save money  
B. To make room for new food  
C. To help animals  
D. To improve our lifestyles.
9. When preparing meatballs using leftover meat, which of the following should you **NOT** do?  
A. Add breadcrumbs to help bind the meat  
B. Use raw leftover meat without cooking it  
C. Mix in herbs and spices for flavor  
D. Ensure the meatballs are cooked thoroughly before serving
10. Which of the following is a component of integrated farming systems?  
A. Animal farming  
B. Crop farming  
C. Aquaculture  
D. All of the above
11. In an integrated farming model, which of the following practices is encouraged?  
A. Only planting one crop on the land  
B. Growing crops and raising animals together  
C. Keeping only livestock and no crops  
D. Using chemical pesticides for pest control
12. Why is integrated farming considered sustainable?  
A. It relies on only one source of income  
B. It reduces the need for labor  
C. It requires high levels of chemical inputs  
D. It helps in managing waste and nutrients efficiently

*A grade 9 learner drew the animal below during a science lesson. Study it and answer questions 5 and 6.*



Study the diagram below and use it to answer questions 13 and 14.



13. Name the type of soil erosion shown above.
- |                  |                   |
|------------------|-------------------|
| A. Rill erosion  | C. Sheet erosion  |
| B. Gully erosion | D. Splash erosion |

14. How can we prevent this type of erosion?
- By building gabions
  - By planting cover crops.
  - By afforestation.
  - By agroforestry.

15. Name the farm instrument drawn below.



- Watering jug
- Watering can
- Watering bottle
- Watering jerrican

16. Name the structure drawn below:



- |                  |                  |
|------------------|------------------|
| A. Chicken fold  | C. Chicken prism |
| B. Chicken house | D. Mouse trap    |

17. The following are pests that attack crops. Which one is **NOT**?
- wilting
  - aphids
  - cutworms

18. Nutrients in foods can be conserved in different ways of cooking. Which of the following is the most appropriate for conserving nutrients in vegetables?

- |            |             |
|------------|-------------|
| A. Baking  | C. Steaming |
| B. Boiling | D. Stewing  |

19. Which nutritional value is found in the vegetable below?



- Vitamins
- Proteins
- Carbohydrates
- Starch

20. Which of the following is an example of a macronutrient in nutrition?

- |              |                  |
|--------------|------------------|
| A. Vitamin C | C. Carbohydrates |
| B. Iron      | D. Zinc          |

21. The following factors should be considered when identifying and selecting a planting site. Which one is **NOT**?

- Type of soil
- Slope of the land
- Uniqueness of the land
- Accessibility

22. Choose the odd one out.

- |                |               |
|----------------|---------------|
| A. beans       | C. black jack |
| B. thorn apple | D. oxalis     |

23. Which seam is most likely to be used on fine and medium weight fabrics?

- French seam
- Double stitched seam
- Overlaid seam
- Run and fell seam

24. Which of these farming practices is considered sustainable?

- Monoculture farming
- Overgrazing
- Agroforestry



D. caterpillars

25. What is the role of fiber in human nutrition?

- A. To aid digestion
- B. To build muscle mass
- C. To provide energy
- D. To regulate blood sugar levels

26. Which of the following is a result of overgrazing?

- A. Improved soil structure
- B. Decreased plant growth
- C. Increased biodiversity
- D. Reduced soil erosion

27. The following are fertilizers used to enhance crop production. Which **one** is used for planting?



A.



B.



C.



D.

D. Excessive irrigation

28. Name the equipment below.



- A. Knitting machine
- B. Sewing machine
- C. Crocheting machine
- D. Ironing machine

29. Which of the following stitches is commonly used to join two pieces of fabric together?

- A. Backstitch
- B. Running stitch
- C. Zigzag stitch
- D. Basting stitch

30. Which of the following fabric types is best for making formal wear?

- A. Flannel
- B. Velvet
- C. Denim
- D. Taffeta

### SECTION B (40 marks)

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

31. A Grade 9 learner observed that some stored hay had moulds. After some time, the hay was rotten and therefore unfit for feeding the cattle.

a) Suggest two possible reasons why the hay was in that condition.

(2 marks)

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b) Explain two factors that a farmer should consider when storing hay.

(4 marks)

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32. Indicate whether the following statements are true or false regarding factors to consider when using leftover foods? Explain reasons for your responses.

a) Leftover foods should be stored in clean airtight containers. (2 marks)

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b) Leftover foods should be reheated repeatedly. (2 marks)

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c) Spoilt leftover foods should be prepared to avoid wastage. (2 marks)

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d) Reheating leftover food should not be overdone. (2 marks)

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33. Identify the following farm tools and give their functions. (8 marks)

	Tool	Name	Function
a)			
b)			



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- b) Name any **two** nutritional values of fish. (2 marks)

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35. Grade 9 learners found out that a special group is a class of people with specified dietary requirements or needs and demands.

- a) List **two** examples of special groups. (2 marks)

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- b) Identify **two** factors to consider when preparing meals for special groups. (2 marks)

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36.

- a) What is a cleaning agent? (2 marks)

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- b) State **two** qualities of a good laundry soap. (2 marks)

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