

Candidate's Name		Assessment No.	
School Name		School Code	
Candidate's Sign		Date	



004-2025
906/1

JUNIOR SCHOOL ASSESSMENT JESMA 004

GRADE 9

- AGRICULTURE AND NUTRITION (THEORY) - 906/1

Time: 1 hour 40 minutes

INSTRUCTIONS TO CANDIDATES

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 30.
6. Section B comprises short, structured questions number 31 to 40.
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

Task	Task 1: Agriculture						Task 2: Nutrition			
	31	32	33	34	35	36	37	38	39	
Maximum score	3	5	4	5	5	4	5	5	4	
Candidate's score										
Total per task										

This paper consists of 8 printed pages.

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

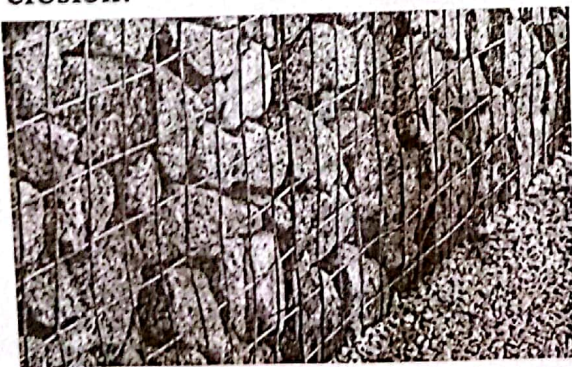
SECTION A: 30 MARKS.

1. An Agriculture teacher observed the following signs that indicate a type of erosion.

- i) *Stones below the topsoil are exposed.*
- ii) *Roots of plants including crops, grass, and trees are exposed.*
- iii) *Eroded soil and crop remains are deposited at the lower areas of the slope.*
- iv) *Crop yields reduce season after season because of declining soil fertility.*

Which type of soil erosion was taking place?

- A. Rill erosion
 - B. Splash erosion
 - C. Sheet erosion
 - D. Gully erosion
2. Below is a method of controlling soil erosion.



Name the structures above.

- A. Grassed waterways
- B. Gabions

C. Stone lines

D. Cover crops

3. Domestic animals provide several products. Meat from goats is known as

- A. mutton
- B. beef
- C. coney
- D. chevon

4. The following are structures in which surface runoff is conserved or collected. Which one is **not**?

- A. Water retention ditches.
- B. Nursery beds
- C. Earth basins.
- D. Water retention pits

5. Below are ways to cook vegetables to preserve nutrients. Which one is **not**?

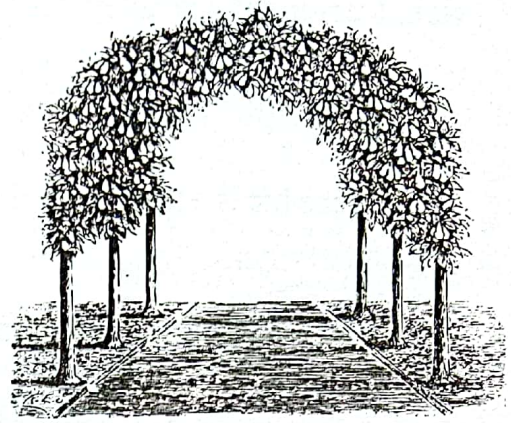
- A. Cut the vegetables into tiny sizes
- B. Cook food at the right time
- C. Use the right amount of water
- D. Avoid re-heating the food

6. Which of the following is **not** a benefit that farmers derive from trees?

- A. Food and livestock feed
- B. Littering the compound
- C. Organic matter that increases soil fertility.
- D. Conservation of both soil and water

7. Pascal was studying nursery management practices. Which of the following did he **not** come across?
- Harvesting
 - Hardening off
 - Watering
 - Shading
8. The set of practices carried out in an already established crop on the field to provide it with proper conditions for healthy growth are known as
- soil conservation
 - water conservation
 - crop management
 - field management
9. Stacey was sorting and grading eggs. Which of the following factors did she **not** consider while sorting the eggs?
- Size of the eggs
 - Weight of the eggs
 - Size of the layers
 - Colour of the eggs
10. Which of the following is **not** the equipment used for grilling food?
- Charcoal grill
 - Electric grill
 - Gas grill
 - Roast pan

11. Name the suspended garden below.



- Arbor arch garden
 - Suspended boxes garden.
 - Framed suspended wall gardens
 - Pergola Gardens
12. The following are factors to consider when designing framed structures for suspended gardens. Which one is **not**?
- The shape the garden will take.
 - Weather conditions
 - The space available for the garden
 - The site where the garden is to be placed in relation to the surroundings
13. Which one of the following is **not** an importance of harvesting and storing water?
- Causes soil erosion
 - It provides water during shortage and in dry seasons
 - Water is available throughout
 - Reduces the cost of farming

14. Grade Nine learners of Patome Academy were learning the rearing practices of poultry in a fold. Which one did they not learn?

- A. Ensure birds are provided with clean water
- B. Hygiene is maintained in the poultry fold
- C. The fold should be strong enough to secure birds and kept in a safe place
- D. The fold should be leaking

15. The process of removing and destroying the affected parts of a plant is known as

- A. roguing
- B. pruning
- C. gapping
- D. thinning

16. Which of the following is not a way of preparing fish after harvesting?

- A. Gutting
- B. Scaling
- C. Boiling
- D. Cleaning

17. Which of the following is not a type of organic fertilizer?

- A. Green manure
- B. Farmyard manure

C. Compost manure

D. Foliar fertilizer

18. Other than organic manure, list three organic farming practices.

- A. Organic pesticides
- B. Farm mechanisation
- C. Mechanical weed control
- D. Use of organic foliar feed

19. Name the storage structure below



- A. Store room
- B. Granary
- C. Storage containers
- D. Storage house

20. Which of the following is not importance of conserving leftover foods at home?

- A. Saves money
- B. Consumes time
- C. Reduces waste
- D. Promotes sustainability

21. The following are common methods of preserving meat. Which one is **not**?

- A. Boiling
- B. Salting
- C. Smoking
- D. Sun-drying

22. Any part of the garment or clothing article where two or more pieces of fabric are joined together using permanent stitches is referred to as

- A. stitch
- B. hem
- C. seam
- D. joint

23. Which of the following is **not** a reason for cleaning the kitchen?

- A. Destroy the surface
- B. To preserve the kitchen appearance
- C. Prolong life of a surface.
- D. Psychological satisfaction of the user

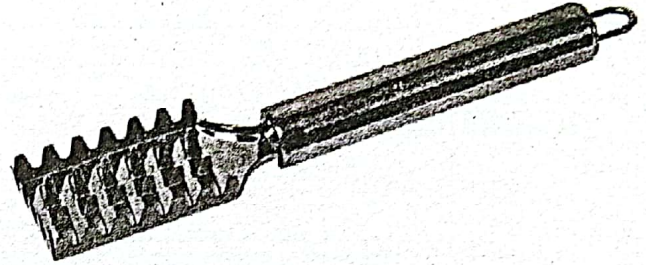
24. The act of holding a de-feathered bird over a flame for a few minutes to burn the hair-like structures left on the skin is known as

- A. beheading
- B. defeathering

C. singeing

D. burning

25. Identify the tool equipment below.



A. Fish scaling knife

B. Skewer

C. Tongs

D. Fish scaling brush

26. Tracey's vegetable farm was attacked by pests. Which of the following was **not** used to identify crops attacked by pests?

- A. Punctured leaves
- B. Cut-off seedlings
- C. Curling leaves
- D. Wilted plants

27. The contamination of soil with harmful things is known as

- A. soil erosion
- B. soil conservation
- C. soil pollution
- D. soil disturbance

28. Which of the following is a method of adding value to crops?

- A. Storing
- B. Harvesting
- C. Drying
- D. Boiling

29. Pauline discovered a small wild animal on her farm that was eating her poultry birds. Which wild animal was it **likely** to be

- A. monkey
- B. mongoose

C. porcupine

D. squirrel

30. Grade Five learners of Sunshine School were learning Micronutrients found in the food. Which Micronutrients did they learn?

- A. Proteins and vitamins
- B. Carbohydrates and minerals
- C. Carbohydrates and proteins
- D. Vitamins and minerals

SECTION B- 40 MARKS

31. State **three** important aspects of body cleanliness as a healthy habit. (3mks)

- a) _____
- b) _____
- c) _____

32. Discuss **five** causes of soil pollution in farming. (5mks)

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

33. Learners in Hekima School were discussing damages caused by surface runoff. Highlight **four** damages they were **likely** to discuss. (4mks)

- a) _____
- b) _____
- c) _____
- c) _____

34. Agriculture and Nutrition learners from Jabal Christian School were carrying out Crop Management Practices. Discuss five Crop Management Practices they were likely to practice.

(5mks)

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

35. Discuss the importance of sorting and grading eggs.

(5mks)

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

36. Highlight four guidelines for cooking food by roasting.

(4mks)

- a) _____
- b) _____
- c) _____
- d) _____

37. Discuss measures to be observed when laundering-coloured clothes.

(5mks)

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

38. Discuss five maintenance practices carried out on water harvesting and storage structures. (5mks)

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

39. Highlight ways of preparing storage structures before storing crop produce. (4mks)

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____
- c) _____