



SWANG'OMA ZONE EXAMINATION BOARD

2024 MOCK II STANDARD 8 EXAMINATIONS

PRIMARY SCIENCE

100 Marks

NAME: (Surname First) _____

SCHOOL _____ DATE: _____

Instructions

1. This paper contains **7** pages. Please check.
2. Write your **Name** and **Examination number** in the spaces provided above
3. There are **40** multiple choice questions in section **A** and **11** questions in section **B**.
4. Answer all questions. In section A, encircle the letter that best completes the question. In section B write your answers in the spaces provided
5. Answer all questions
6. In the table provided on this page, tick against the question number you have answered

Question Number	Tick 41 – 51 if answered	Do not write in these columns	
1 – 40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50-52			

SECTION A (40 MARKS)

AGRICULTURE

1. The removal of unwanted tree branches is referred to as _____

- A. harvesting
- B. pruning
- C. weeding
- D. uprooting

2. Which of the following is the sub-branch of agriculture under animal production?

- A. poultry
- B. agronomy
- C. agroforestry
- D. silviculture

3. Why is sun drying of fish is significant to a farmer?

- A. to sell the fish quickly
- B. to cook the fish easily
- C. to share the fish easily
- D. to improve the quality of the fish

4. What is the recommended method of applying fertilizer in a rice field?

- A. dollop
- B. banding
- C. foliar
- D. broadcasting

Figure 1 below is a diagram of common pests that cause damage to groundnuts. Use it to answer question 5 to 7.



5. Which disease is spread by pest X?

- A. rosette
- B. late leaf spot
- C. early leaf spot
- D. groundnut rot

6. Identify the pest marked W.

- A. Aphid
- B. termite
- C. rodent
- D. caterpillar

7. The following are the parts of a groundnuts damaged by the pest W except _____

- A. roots
- B. flowers
- C. leaves
- D. pods

8. Why should a farmer add manure to a fish pond?

- A. to feed the fish
- B. to reduce temperature
- C. to kill fish predators
- D. to improve growth of planktons

9. What name is given to disease in cattle which is characterized by salivation?

- A. Newcastle
- B. foot and mouth disease
- C. east coast fever
- D. yellow fever

10. Which of the following is an activity in marketing?

- A. supplying
- B. planting
- C. processing
- D. harvesting

Figure 2 shows financial record of poultry production. Use it to answer question 11 and 12

Date	Details	Amount	Date	Details	Amount
05/05/23	Sold 100 eggs@k20 each	K 2000.00	07/05/23	Bought 2 chicken @ k500 each	K 1000.00
06/06/23	Sold 10 chickens @k700 each	7000.00	08/05/23	Bought 10bags of feed @ k2000 each	20, 000.00

11. What were the total sales?

- A. k30000
- B. k9000
- C. k20, 000
- D. k21, 000

12. The farmer's loss was

- A. k3000
- B. k30 000
- C. k21 000
- D. k12 000

13. To which sub branch of agriculture does the growing of fruits only belong?
 A. horticulture B. pomoculture
 C. olericulture D. arboriculture
14. Which of the following is the function of lance in a sprayer?
 A. keeping spray B. controlling sprayer
 C. delivering sprayer D. filtering sprayer
15. Why should seedlings be transplanted late in the afternoon?
 A. to reduce labour B. to avoid lodging
 C. to control pests D. to avoid wilting
16. Which of the following factor is necessary for selecting good seeds for planting?
 A. colour B. size
 C. shape D. good
17. Which of the following is not a variety of cassava?
 A. kakoma B. manyokola
 C. gomani D. chitembwere
18. Which of the following is the characteristic of indigenous trees?
 A. require more care
 B. have soft timber
 C. easily attacked by disease
 D. withstand drought

Figure 3 is a diagram showing learners tending flowers. Use it to answer questions 19 and 20.



19. Identify the method of tending flowers shown above.
 A. thinning B. pruning
 C. trimming
 D. cutting
20. Why is this method important?
 A. control diseases
 B. adds nutrients
 C. restrict growth

D. reduce competition

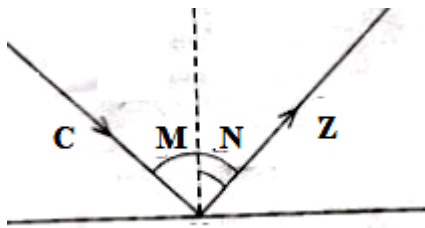
SCIENCE AND TECHNOLOGY

21. Which of the following pairs of vertebrates are amphibians?
 A. tortoise and toads
 B. toads and frogs
 C. lizards and tortoise
 D. frog and lizard
22. The population of mosquito can be controlled by _____
 A. draining stagnant water
 B. using the toilet
 C. taking ant-malaria drugs
 D. using mosquito repellent
23. Which of the following is the largest part of human brain?
 A. cerebellum B. medulla oblongata
 C. spinal cord D. cerebrum
24. Predicted answer during a scientific investigation is called ____
 A. variable B. data
 C. hypothesis D. conclusion
25. The substance that dissolves in another substance if called ____
 A. solvent B. solute
 C. solution D. suspension
26. Which of the following is an advantage of traditional kitchen?
 A. easy to clean
 B. easy to maintain
 C. has enough space
 D. has enough ventilation
27. Which of the following is an emotional change that takes place in boys as they grow up?
 A. experience wet dreams
 B. develop sexual feelings
 C. develop deep voice
 D. produce sperms
- Figure 4 shows a diagram of a stem



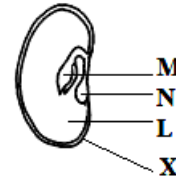
28. Identify the type of stem above.
 A. creeping B. erect
 C. climbing D. underground
29. Which of the following can conduct electricity?
 A. milk powder B. sugar solution
 C. salt solution D. paraffin
30. Which of the following sense organs is used for feeling?
 A. nose B. tongue
 C. skin D. eye
31. Which of the following statements are true about insect pollinated flowers?
 A. flowers are small
 B. anthers are not held firmly
 C. have bright coloured petals
 D. produce large amount of pollen

Figure 5 is a diagram showing a ray of light reflected by plane mirror. Use it to answer questions 32 and 33



32. What is the name of ray marked C?
 A. refracted ray B. incident ray
 C. reflected ray D. emergent ray
33. Find the angle marked N, if angle marked M is 50degrees.
 A. 90° B. 80°
 C. 50° D. 40°
34. The grouping of plants according to similarities and differences is called _____

- A. pollination B. fertilization
 C. classification D. adaptation
35. Which of the following parts of electric circuit control the flow of electricity?
 A. cell B. bulb
 C. switch D. fuse
- Figure 6 is a bean seed. Use it to answer questions 36 and 37



36. What name is given to the part labelled L?
 A. radicle B. cotyledon
 C. plumule D. taste
37. Which part of a bean seed develop into root?
 A. plumule B. taste
 C. cotyledon D. radicle
38. Which of the following are the two examples of joints?
 A. two bones and fingers
 B. skull and hip
 C. elbow and joint
 D. wrist and bone
39. What do you understand by the term muscles?
 A. they are organs
 B. organs which are attached to bones by tendons
 C. they are bones and muscle
 D. none of the above
40. Give one function of skeleton.
 A. it assist us
 B. it protects delicate parts of the body
 C. it is rigid
 D. it gives no support

SECTION B (60 MARKS)
AGRICULTURE

41. a. What name is given to the farm record which shows crop, plot number, plot size, activity and work done?
 _____ (1 mark)
- b. How is the record above measured?
 _____ (1 mark)

NAME OF CANDIDATE: _____

42. a. List any **two** characteristic of subsistence farming. (2 marks)

i. _____

ii. _____

b. Give **two** ways why early land preparation is important in farming. (2 marks)

i. _____

ii. _____

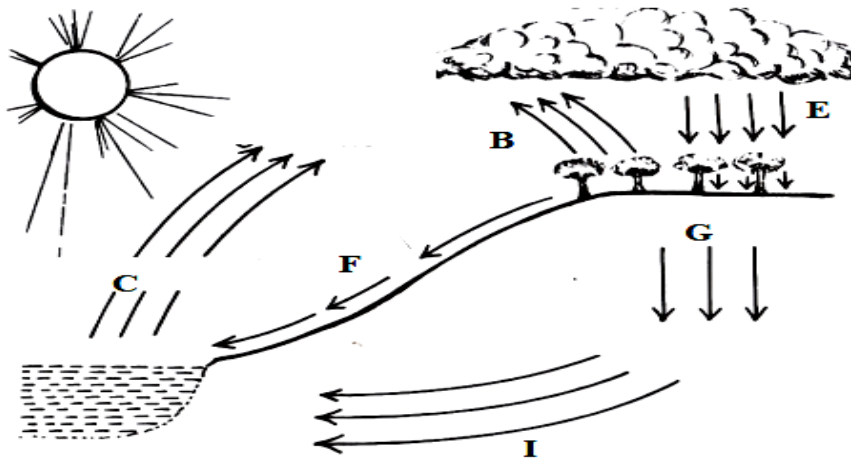
43. a. Define the following term:

i. intermediate buyers (2 marks)

ii. Consumers (2 marks)

b. Explain **one** way how soil erosion can lead to low agricultural production. (2 marks)

Figure 7. Use it to answer questions below



44. a. Name the process above? (2 marks)

b. Name the process at the following point:

i. F _____ E. _____

ii. I. _____ (3 marks)

c. What is the difference between the process of points B and C? (2 marks)

45. a. Name **one** example of each of the following types of flowers:

a. ground cover _____

b. Shrubs _____ (2 marks)

b. State any three ways of tending flowers. (2 marks)

i. _____

ii. _____

iii. _____

46. a. Give any **two** examples of indigenous fruits. (2 marks)

i. _____

ii. _____

NAME OF CANDIDATE: _____

b. State **two** examples of fruits that are planted using suckers. (2 marks)

i. _____

ii. _____

47. a. What causes anthrax disease in goats? (1 mark)

b. Give **one** way of controlling the disease above. (1 mark)

SCIENCE

48. Name **two** examples of food that can be given to people suffering from kwashiorkor. (2 marks)

i. _____ ii. _____

49. a. Name the shape of the leaves below. (6 marks)



a. _____ b. _____

b. Name **two** examples of ball and socket joints. (6 marks)

i. _____ ii. _____

50. Name **two** problems of preserving food (2 marks)

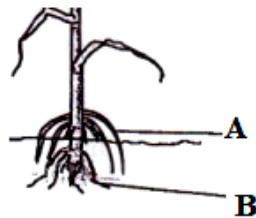
i. _____

ii. _____

b. What name is given to the main part of the computer? (1 mark)

51. Why people choose to be vegetarians? (4 marks)

52. **Figure 8** is the example of a root. Use it to answer questions below.



a. Identify the types of roots for the following:

A. _____ B. _____ (4 marks)

b. Give **two** examples of a plant with this type of root system. (4 marks)

i. _____ ii. _____

END OF QUESTION PAPER