



KANONGOLA ZONAL EXAMINATIONS BOARD

2021 PRIMARY SCHOOL PRE- MOCK EXAMINATIONS

PRIMARY SCIENCE

(100 MARKS)

Name of Candidate: _____ Date _____

Name of School: _____ Time allowed: _____

Instructions

2 hours

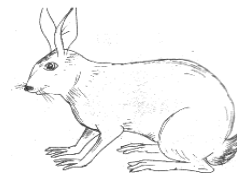
1. This paper contains 10 printed pages. Please check.
2. Write your Name and Name of your school in the spaces provided above
3. There are 20 multiple choice questions in section A and 10 questions in section B.
4. Answer all questions. In section A, encircle the letter that best completes the question. 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 Questions 21-60 if answered	Do not write in these columns	
1-20			
21-40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			

SECTION (A) AGRICULTURE

1. The sub-branch of agriculture that deals with keeping of bees is called
 - A. Animal production
 - B. Civiculture
 - C. Apiculture
 - D. Agronomy
2. When are broilers given finisher marsh
 - A. 1 day old to 4 weeks
 - B. 5 weeks to 3 weeks
 - C. 4 weeks to 5 weeks
 - D. 6 weeks to 8 weeks
3. What do we call the washing of nutrients from the top soil to sub-soil
 - A. Leaching
 - B. Soil erosion
 - C. Infiltration
 - D. Soil fertility
4. The following are ways of improving soil fertility except
 - A. Fallowing
 - B. Practicing of crop rotation
 - C. Early planting
 - D. Agro forestry
5. Which of the following is not an example of leaf vegetables?
 - A. Mustard
 - B. Runi
 - C. Pepper
 - D. Spinarch
6. What is the name of fertilizer application method in which a farmer puts fertilizer in a groove made around a plant?
 - A. Broadcasting
 - B. Banding
 - C. Folier
 - D. Dollop
7. The growing of crops and raising of animals mainly for sale is
 - A. Subsistence farming
 - B. Fish farming
 - C. Animal farming
 - D. Commercial farming
8. Which of the following is a deficiency sign of phosphorus in plants
 - A. Yellow leaves
 - B. Poor root development
 - C. Immature fruit fall
 - D. Stunted growth
9. Hardening off in vegetable production is important in order to allow seedlings to;
 - A. Resist pest and disease attack
 - B. With stand hot condition in the garden
 - C. Absorb water easily
 - D. With standing strong wind

Figure 1 is a diagram showing a pest of cassava. Use it to answer question 10 and 11



10. What is the name of the pest?
 - A. Mouse
 - B. Hare
 - C. Olter
 - D. Monitor
11. How can a farmer control the pest
 - A. Weeding the garden
 - B. Planting cassava
 - C. Using resistant

- D. Trapping the pest
12. Why should a farm cart be fitted with reflectors?
- To avoid accident
 - To attract customer
 - To scare away thieves
 - To provide light at night
13. The following are not reasons for growing crops on top soil except
- It is fertile
 - It is open
 - It is black in colour
 - It is yellow in colour
14. The following are not problem of farm business except
- Demand and supply
 - What to produce
 - Substitution of inputs
 - Supply of inputs
15. Which of the following is a type of agro-forestry
- Agronomy
 - Forest farming
 - Apiculture
 - Horticulture
16. Which of the following is characteristic of exotic tree
- Grow well with little care
 - Grow fast
 - Resistance to pest and diseases
 - Are hard and tough

Figure 2 show an indigenous farm technology. Use it to answer question 17-18



17. Identify indigenous farm technology
- Clay pot
 - Soot
 - Querns
 - Leaf bag
18. Which of the following is the use of this technology
- Storing smoked vegetable
 - Storing seed
 - Grinding grains
 - Cooking porridge
19. Drenching means
- Giving drug to animal through the mouth
 - Giving drug to animal through injection
 - Giving drug to animal through spraying
 - Giving drug to animal through dipping

Figure 3 is diagram of learner harvesting maize. Use it to answer question 20



20. Why is this methods recommended to farmer
- A. To allow the cob to dry quickly
 - B. To allow farmer to kill more mice
 - C. To protect the maize from thieves
 - D. To protect the maize from fire

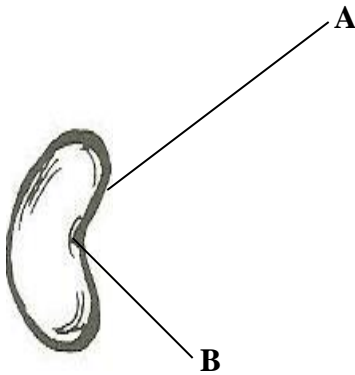
SCIENCE AND TECHNOLOGY

21. Name the delicate organ which is protected by the backbone?
- A. Brain
 - B. Spinal cord
 - C. Nerves
 - D. Liver
22. What causes movement in human being
- A. Contraction and relaxation of muscles
 - B. Legs
 - C. Bending of the trunk
 - D. Co-ordination
23. Which of the following is the disadvantage of modern kitchen
- A. Easy to maintain
 - B. Poor lighting
 - C. It is cheap and easy to construct
 - D. It is expensive to construct
24. State two reasons why people become vegetarians
- A. Religion and food
 - B. Allergy and religion
 - C. Test and egg
 - D. Allergy and meat

25. Which of the following are technology for sending and receiving messages
- A. Drum and bow
 - B. Radios and motar
 - C. Catapult and phones
 - D. Television sets and newspaper
26. Which of the following characteristics shows that a bat is a mammal?
- A. Scaly skin
 - B. Laying egg
 - C. Presence of feathers
 - D. Bearing live young ones
27. Which of the following accidents can be prevented by taking liquids slowly
- A. Scald
 - B. Sprain
 - C. Choking
 - D. Poisoning
28. Function of the cerebrum is to control
- A. Speech
 - B. Balance
 - C. Digestion
 - D. Breathing
29. What name is given to people who are recovering from illness
- A. Patient
 - B. Convalescents
 - C. Invalid
 - D. Vegetarians
30. Which of the following conditions is a sign of kwashiorkor?
- A. Slunted growth
 - B. Wasting of muscles
 - C. Swollen body
 - D. Good appetite

31. Which method of preserving food draws out water from the food?
- Smoking
 - Canning
 - Salting
 - Freezing

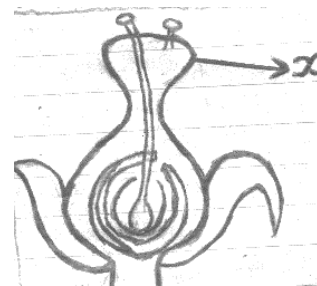
Figure 4 is a diagram of a bean seed. Use it to answer question 32-33



32. Name the part labeled A
- Testa
 - Micropyle
 - Radical
 - Cotyledon
33. Which of the following is the function of the part marked B?
- Develop into roots
 - To protect the inner part of the seed
 - For attachment to the pod
 - To allow air to enter the seed
34. Which of the following is the function of hairs in the nose
- In halation
 - To hold mucus
 - To trap dust
 - Beautifying the nose
35. Name the tissue in the heart which prevent the back flowing of blood
- Valves

- Aortor
 - Autricles
 - Ventricles
36. Which force cause a bell that is thrown up wards to return to the ground
- Frictional force
 - Electrostatic force
 - Gravitational force
 - Electrical
37. Which of the following is the second stage in scientific investigation
- Planning stage
 - Identifying the problem
 - Making prediction
 - Making conclusion
38. Who are sedentary workers
- People involved in heavy work
 - People who are not involved in heavy work
 - People who are recovering from illness
 - People who eat vegetables only

Figure 5 shows part of a flower. Use the diagram to answer question 39



39. Name the part labeled X
- Pollen
 - Male gametes
 - Style
 - Anthers

40. A nutritional disease that is caused by lack of iodine is
A. Anemia

B. Night blindness
C. Goiter
D. Rickets

SECTION B (60MARKS)

AGRICULTURE

41. A. Why are the following major soil nutrients important to crops

(i). phosphorus _____ (2marks)

(ii). Potassium _____ (2marks)

B. State **two** example of subsistence of crops

_____ (2marks)

42. A. Mention **two** safety measures to consider when using farm machineries?

_____ (2marks)

B. Name farm machinery which has the following parts

(i). lance _____ (1marks)

(ii). Wings _____ (1marks)

43. Mention any **two** characteristics of fertile soil

_____ (2marks)

B. Describe **two** ways how infertile soil can be improved

_____ (2marks)

44. A. Explain **two** reasons why agriculture is important to the nation

_____ (2marks)

B. List any **two** examples of products under crop husbandry

_____ (2marks)

Figure 6 is a diagram showing a method of managing a woodlot. Use it to answer question that follow



45. A. Identify the method of managing the woodlot

_____ (1marks)

B. Give **two** reasons why the method of managing the woodlot is important

_____ (2marks)

C. Name any **two** ways of managing the woodlot apart from the one mentioned in question 45a.

_____ (2marks)

46. A. Write down any **three** advantages of semi-intensive system of keeping chicken

_____ (3marks)

B. State any **two** safety measures to be followed when using a treadle pump

_____ (2marks)

C. Describe any **two** importance of farming calendar

_____ (2marks)

SCIENCE AND TECHNOLOGY

47. A. Give any **one** function of leaves in plants

_____ (1mark)

B. Construct a food chain for the following living thing; birds, green grass, people and grasshopper

(4marks)

48. A. Classify the following animals as omnivores and carnivores;

Chameleon, leopard, pigs, chickens

i. Omnivores _____

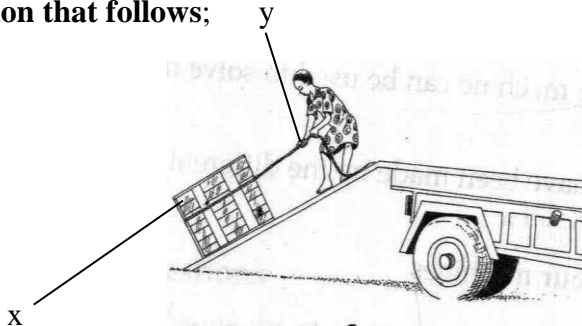
ii. Carnivores _____

(4marks)

B. Mention any **two** waste products which are transported by blood out of the body

(2marks)

Figure 7 shows a person pushing a big stone using a lever machine. Use it to answer the question that follows;



49. What do the following letters represents on this machine?

I. x _____ (1mark)

II. y _____ (1mark)

B. How can the person make the work more easily

(2marks)

50. A. Mention **two** indigenous food preservation technologies

(2marks)

B. Explain the importance of food preservation

_____ (2marks)

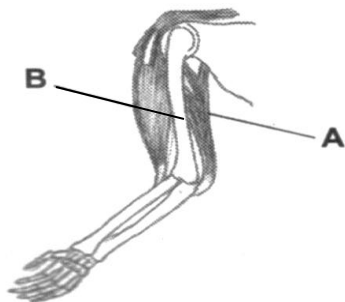
51. Define the term stain?

_____ (2marks)

B. State any **two** processes in laundry

_____ (2marks)

Figure 8 shows part of an arm. Use it to answer the following question



52. a. What name is given to the muscle labeled A

_____ (1marks)

b. Name the bone marked B

_____ (1marks)

c. Name the tissue that joins the muscle to the bones

_____ (1marks)

53. a. Heat energy is produced in several ways. Give any one way

_____ (1marks)

a. List any **two** uses of heat energy

_____ (2marks)

b. Explain any **one** negative effects of heat energy

_____ (1marks)

END OF QUESTION PAPER