



ARINGA – NORTH COUNTY PRIMARY SCHOOLS
END OF TERM TWO EXAMS

PRIMARY SIX

2023

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No:						Personal No:		

Candidate's Name:

Candidate's signature:

District ID No:

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School Name:

Read the following instructions carefully :

1. Do not forget to write your **school** or **district** on the paper
2. This paper has two sections: **A** and **B**.
Section **A** has **40** questions and section **B** has **15** questions.
3. Answer **all** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a **blue** Or **black** ball point pen or ink. Any work Written in pencil will not be marked.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated **"FOR EXAMINER'S USE ONLY"**

FOR EXAMINER'S USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 -10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

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Turn Over

1. Which part of a cabbage plant stores food?

2. State any one advantage of mulching in crop growing.

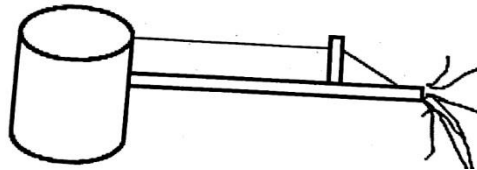
4. How does soil erosion lead to soil exhaustion?

5. State any one way of controlling tick - borne diseases on a cattle farm.

6. State the function of the valves in the human heart.

7. Name the system of keeping pigs where they are kept indoors.

Use the diagram below to answer the questions that follow.



8. Name the musical instrument drawn above.

9. How does the above musical instrument produce sound?

10. Give a reason why waters sources in the community should be fenced.

11. In which way are reptiles similar to birds in terms of reproduction?

12. State any one advantage of carrying out crop rotation in the garden.

13. Which physical change takes place when solid changes to gas without passing through the liquid?

14. In the space below draw a diagram of a simple leaf.

15. In which way are stomata important during the process of photosynthesis?

16. Mention any one example of a stem tuber.

17. Why do farmers prefer rearing local breeds of goats to exotic ones?

18. Give a reason why measles vaccine is given to babies at nine months.

The diagram below show an intestinal worm use it to answer the questions that follow.



19. Name the intestinal worm shown above.

20. Give any one similarity between ferns and mosses.

21. Name the deficiency disease which causes poor night vision in humans.

22. Identify any one weather instrument which is kept at the Stevenson screen.

23. Mention any one sign of cholera which leads to dehydration.

24. How are PIASCY messages useful in the control of STDs among school going children?

25. Mention one lifestyle that helps in the control of heart diseases and disorders.

26. Give one way regular weeding controls crop pests in school garden.

27. Why are poultry vices not common in the cage system of keeping poultry?

28. State the main role played by the pinna on the human ear.

29. Mention one part in the mouth cleaned by regular brushing.

30. Which type of root system develops in monocotyledonous plants?

31. Which component of air is used to preserve soft drinks?

32. How are bee enemies a danger to an apiarist?

33. Give the importance of a canine tooth to a P.6 child eating meat.

34. Identify one plant which is propagated by the use of suckers.

35. How is the administration of BCG vaccine similar to that of measles vaccine?

36. Why does a stone sink in water?

37. Give one way how HIV/AIDS spread from one person to another.

38. Which element of PHC encourages mothers to go for antenatal care?

39. Why is coffee called a perennial crop?

40. In which region of the human body is the liver found?

SECTION B(60MARKS).

41a) Apart from biological change, give one other type of change in the environment.

b) Name the type of change that take place in the following;

i) rusting of metals _____

ii) germination of seeds _____

c) Why is burning of candle said to be a physical?

a) Why is melting of a candle wax while burning called a physical change?

ii) Scorpion

_____42a) Mention
any two examples of diarrhoeal diseases .

i) _____

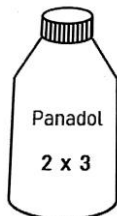
ii) _____

b) How are the following intestinal worms prevented in the community

i) pin worms _____

ii) Hook worms _____

43. Mawa went to a clinic and was given an envelope with drugs .



a) What does figure 3 represent when using the above drug?

b) How many tablets will Mawa swallow in a day?

c) Give two reasons why drugs should be prescribed.

i) _____

ii) _____

44a) In the table below , part A shows organisms and part B shows the mode of reproduction but in a wrong way.

Part A	Part B
Ferns	Seeds
Bacteria	Cell budding
Conifers	Spores
Yeast	Binary fission

Match the organism in **A** to the mode of reproduction in **B**.

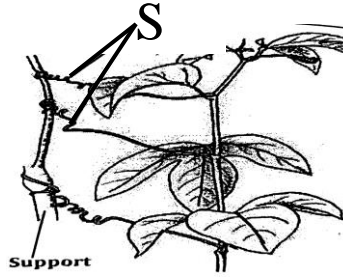
a) Ferns _____

b) Bacteria _____

c) Conifers _____

d) Yeast _____

45. The diagram below shows a plant with weak stem. Use it to answer the Questions that follow.



a) Name the part of the plant marked with letter S.

b) What type of stem does the above plant have?

c) Apart from using part marked S above , What other two ways do plants with weak stems weak stems climb others?

i) _____

ii) _____

46a) What is meant by term leguminous crops?

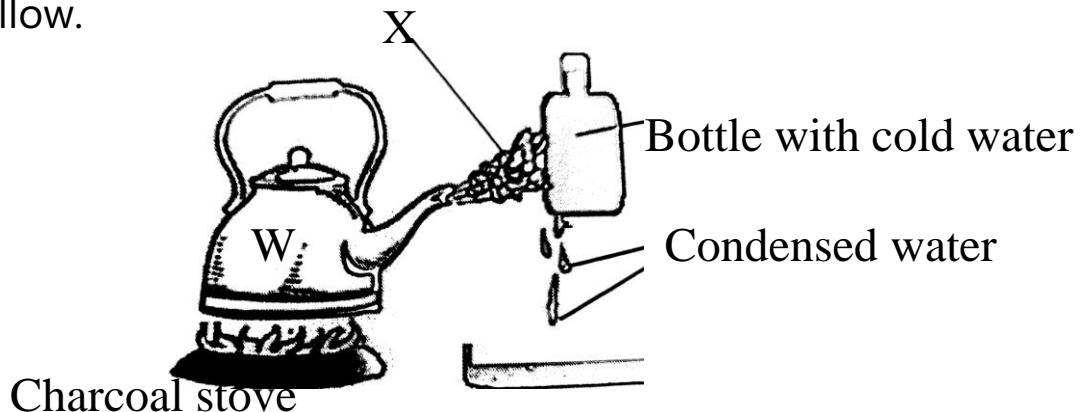
b) List down any two examples of leguminous crops.

i) _____

ii) _____

c) Which type leaf venation do leguminous crops have?

47. The experiment below was carried out by P.5 pupils of Koka P/s . Use to answer that follow.



a)Identify the process taking place at;

i) W _____ X _____

b) State the role of the charcoal stove in the experiment

c) What natural feature in the environment is represented by the condensed water in the container?

48a) Name the accident that needs the following first aid.

i) Use of a tourniquet _____

ii) Putting the burnt part in clean cold water. _____

b) Give two reasons why first aid should be given to a casualty.

i) _____

ii) _____

49a) Why are some animals regarded as aquatic animals?

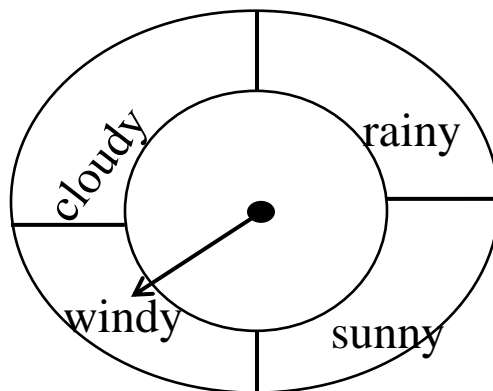
b) Mention any two examples of aquatic animals.

i) _____

ii) _____

c) Why does a fish die as soon as it is removed from water?

50. Below is a weather chart use it to answer the questions that follow.



a) What is weather now?

b) In which two ways do plants benefit from the weather named in 50(a) above?

i) _____

ii) _____

c) Which instrument is used to measure the amount of sunshine shone a day?

51a) Name the process by which sugar in juice is turned into alcohol.

b) Which fungus is used to turn sugar into alcohol?

c) Apart from alcohol give two other drugs of dependence.

- i) _____
ii) _____

52a) How is the incisor teeth adapted to its function of tearing meat?

b) Why would you encourage your friend to eat food rich in calcium?

c) Mention two local materials used in cleaning of teeth.

- i) _____
ii) _____

53a) Give the meaning of disease vectors.

b) Name the vector diseases that spread the following diseases;

- i) sleeping sickness _____
ii) Rabbits _____

c) State any one way of controlling vectors at home.

54a) Write down any two properties of air.

- i) _____
ii) _____

b) Name the component of air that is released as a by - product of photosynthesis.

c) Which component of air has the highest percentage in the atmosphere?

55a) Mention any one example of the animals that belong to the group shown below.

- i) Primate _____
ii) Arachnids _____

b) How do the following animals protect themselves against their enemies in their environment?

- i) Porcupine _____