



**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'
EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY SIX END OF TERM I EXAMINATIONS 2024
INTEGRATED SCIENCE**

TIME ALLOWED: 2 HOURS 15 MINUTES

PUPIL'S NAME: _____

SCHOOL: _____

DIVISION: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully.

1. This paper is made up of two sections:
A and B
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (60 marks)
4. Answer **ALL** questions in both sections **A** and **B**
5. **ALL** answers **MUST** be written in **Blue** or **Black**
Ball - point pen or ink
6. Un-necessary alteration of work may lead to
loss of marks.
7. All diagrams **MUST** be drawn in pencils.
8. Any handwriting that cannot be easily read may
lead to loss of marks.
9. Do **not** fill any thing in the boxes shown
"For Examiner's use only".

**FOR EXAMINER'S USE
ONLY**

QN. NO.	MARKS	SIGN
1 - 10		
11 - 20		
21 - 40		
41 - 45		
46 - 50		
51 - 55		
TOTAL		

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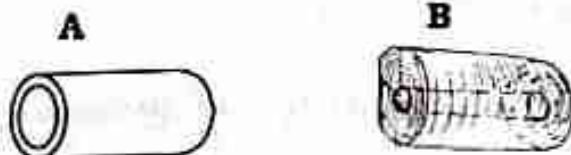
TURN OVER

13. Name any **one** activity done to promote sanitation at school.
.....
14. State **one** measure taken by bee farmers to control swarming in their apiaries.
.....
15. Name the standard unit used to measure mass of an object.
.....
16. How is the practice of gap filling important in crop growing?
.....
17. Mention any **one** way of controlling diseases without using drugs.
.....
18. In the space provided below, draw any **one** item used when giving first aid.
.....



19. How are items made during an art lesson useful to children at school?
.....
20. In which part of the alimentary canal does digestion of food end?
.....
21. Give a reason why bats are regarded as mammals.
.....
22. Write down any **one** example of an exotic breed of rabbit.
.....
23. Name the state of matter in which heat is transmitted by conduction.
.....

Use the diagram of the blood vessels below to answer questions 24 and 25.



24. Name the blood vessel marked with letter **B**.
.....

25. Which type of blood is transported in the blood vessel marked A?

26. By what process do plants lose water vapour into the atmosphere?

27. Mention any one example of a useful fungi.

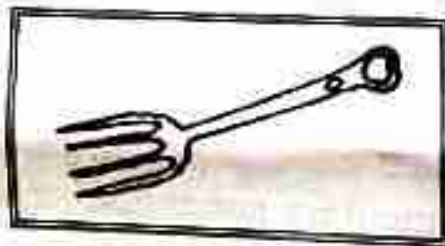
28. Apart from panadol, mention any other example of an essential drug.

29. Which part of a flower is adapted to attracting insect pollinators?

30. How can a family control the spread of malaria among its members?

31. Give the meaning of the term *shearing* as used in sheep keeping.

Use the diagram of the garden tool below to answer questions 32 and 33.



32. Name the garden tool shown in the diagram above.

33. What is the use of the above garden tool?

34. Give any one reason why people drink alcohol.

35. State any one way bee harvesters protect themselves from being stung by bees.

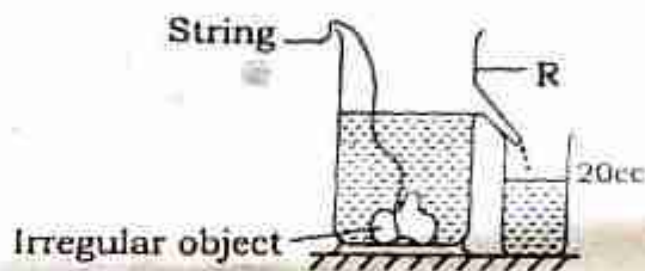
36. Name any one climatic season experience in Uganda.

37. Identify one way in which vectors spread diseases.

38. Why is loam soil considered the best for crop growing?

- c) In which one way do farmers benefit from keeping poultry?

48. Study the diagram below and answer the questions that follow.



- a) Name the container marked **R**.

- b) In which way is the string useful in the above process?

- c) What is the volume of the irregular object?

- d) Give a reason to support your answer in (c) above.

49. a) How does bush burning cause soil erosion?

- b) Identify the type of soil erosion common in hilly areas.

- c) State any two ways of controlling soil erosion in hilly areas.

i)

ii)

50. a) Define the following terms as used in sound energy.

- i) Pitch:

- ii) Volume:

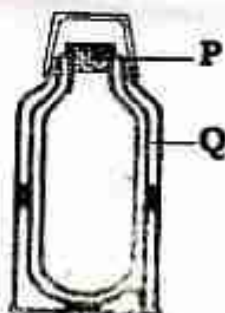
- b) In which state of matter does sound travel fastest?

- c) Mention any one device used to store recorded sound.

SECTION A

1. Mention any one component of the environment.
.....
2. State any one way of caring for domestic birds.
.....
3. Why is it important to iron our clothes before wearing them?
.....
.....
4. Give any one example of a physical change.
.....
5. In which way are prop roots found on maize plants important during the fruiting stage?
.....
6. What is a *balanced diet*?
.....
.....
7. Write down any one example of a resource.
.....

Use the diagram of the thermos flask below to answer questions 8 and 9.



8. Name the part marked with letter **P**.
.....
9. By what process is heat lost through part **Q**.
.....
10. Give any one reason why people keep animals at home.
.....
11. Identify any one way of caring for vulnerable people in the community.
.....
12. Which class of food do we get from eating fresh fruits like oranges?
.....

51. The diagram below shows a fungus. Study and use it to answer the questions that follow.



- a) Name the parts marked **M** and **O**.
- i) **M** ii) **O**
- b) How is part marked **N** useful to the above fungus?
-
- c) Give a reason why the fungus above is unable to make its own food.
-
52. a) Mention any **two** conditions necessary for germination.
- i) ii)
- b) What type of germination does a bean seed undergo?
-
- c) Of what importance is the cotyledon to a germinating bean seed?
-
53. a) State any **two** advantages of breastfeeding to a baby.
- i) ii)
- b) Give any **two** conditions that may cause bottle feeding in a baby.
- i) ii)
54. a) Write down any **two** types of fractures.
- i) ii)
- b) How is each of the following important when giving first aid for fractures?
- i) Splints
-
- ii) Armsling
-
55. a) Name the garden tool used in each of the following activities.
- i) Harvesting cereals ii) Transplanting seedlings
- b) Suggest **two** ways of caring for garden tools.
- i) ii)

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26. By what process do plants lose water vapour into the atmosphere?

27. Mention any one example of a useful fungi.

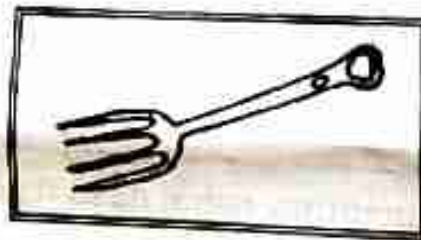
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- b) State any **one** way crop farmers make use of sunny weather.

 c) Name the weather instrument used to measure the amount of rainfall received.

44. Complete the table below correctly.

Disease	Vaccine	Age	Site
Polio	At birth	Mouth
Tuberculosis	BCG vaccine	Right upper arm
.....	Measles vaccine	9 months	Left upper arm
Diphtheria	DPT vaccine	6, 10, 14 weeks

45. a) Give the meaning of the term *sanitation*.

b) Name any **two** items used to promote sanitation.

- i) ii)

c) How is good sanitation important in the environment?

46. a) State any **two** uses of heat to people.

- i)
 ii)

b) Convert **30°C** to Fahrenheit scale.

(2marks)

47. a) How is poultry different from poultry keeping?

b) Mention any **two** types of poultry.

- i)
 ii)