



**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'
EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY SIX END OF TERM II EXAMINATIONS 2023
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

SECTION A

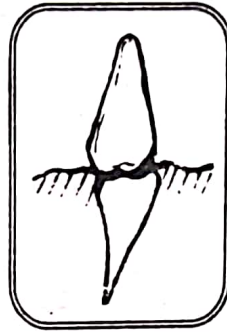
1. Name any **one** example of a monocotyledonous plant.
.....
2. How does heat travel through liquid state?
.....
3. Give **one** importance of feathers to birds.
.....
4. Why isn't oxygen used in fire extinguishers?
.....
5. Mention **one** sign of measles.
.....
5. Give any **one** reason why bees swarm.
.....
7. State **one** way of making water clean.
.....

The diagram below is of an insect, use it to answer question 8.



3. Name part marked **y**.
.....
9. Give **one** example of a wind instrument.
.....
10. Why are reptiles regarded to as cold blooded animals?
.....
11. Give **one** similarity between burning and rusting.
.....
12. Write down **one** effect of alcohol to an individual.
.....
13. How are earthworms useful to vegetable farmer?
.....
14. Why are bats regarded to as nocturnal mammals?
.....
15. Identify the mode of reproduction in both amoeba and bacteria.
.....

Below is a diagram of a human tooth, use it to answer the questions that follow.



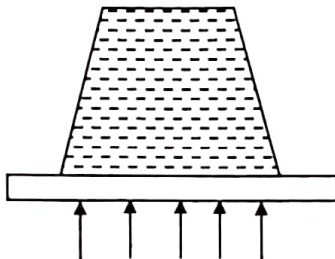
16. Name the tooth shown in the diagram.
.....
17. How is the above tooth adapted to its function?
.....
18. Give **one** similarity between fish and amphibians in terms of reproduction.
.....
19. Name the poultry vice controlled by debeaking.
.....
20. Give **one** characteristic feature of a clinical thermometer.
.....
21. How are echoes reduced in theatres and cinema halls?
.....
22. State the function of the ossicles found in the middle ear.
.....
23. To which state of matter is paraffin?
.....
24. How do fungi like mushrooms obtain their food?
.....
25. Mention **one** solute used in making ORS.
.....
26. Why should babies be weaned at **6 months**?
.....
27. Give the importance of regular ironing of clothes before wearing.
.....
28. When are splints used during first aid?
.....
29. To which group of arthropods do spiders and scorpions belong?
.....

10. Name **one** practice that helps to control the spread of corona virus in the community.

11. Give **one** sign of heat period in cattle.

12. How do sea mammals keep warm in water?

The diagram below shows a property of air.



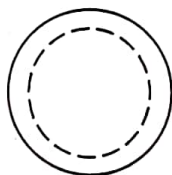
33. State the property of air shown above.

34. Give any **one** example of an animal fibre.

35. How is the ileum important to the digestive system?

36. Mention any **one** vulnerable group of people.

Below is a structure of a blood cell.



37. Give the function of the above blood cell.

38. State any **one** effect of heat on matter.

39. Name **one** principle of **PHC**.

40. Give **one** example of a drug of dependence.

SECTION B

41. a) Give the importance of the semi circular canals in the ear.

.....

b) Mention any **one** disease of the ear.

.....

c) State any **one** cause of partial deafness.

.....

d) Give **one** way of proper maintenance of the human ear.

.....

42. a) What are draught cattle?

.....

b) Give any **one** example of draught cattle.

.....

c) State the importance of cross breeding cattle.

.....

d) Identify any **one** cattle disease.

.....

43. a) Give **one** example of a root tuber.

.....

b) Name any **one** example of a pest for root tubers.

.....

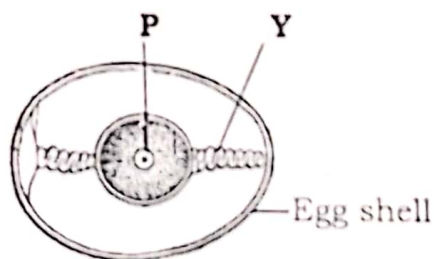
c) Mention **one** method of propagation in root tubers.

.....

d) State the main food value obtained from root tubers.

.....

44. **Use the diagram below to answer the questions that follow.**



a) Name part **Y**.

.....

b) What will part **P** develop into during incubation?

.....

c) Give **one** function of the egg shell.

.....

d) What food value do we get by eating eggs?

45. a) Who is a casualty?

b) Mention any **one** cause of accidents at school.

c) State any **two** reasons for giving first aid.

i)

ii)

46. a) Name **one** type of soil.

b) List down any **two** components of soil.

i)

ii)

c) Name **one** process by which soil is formed.

47. Use the lists of organism below to answer questions that follow.

X	Y	Z
Spider	Lizards	Monkeys
Ticks	Fish	Whale
Mites	Snakes	Lions
Scorpions	Toads	Chimpanzees

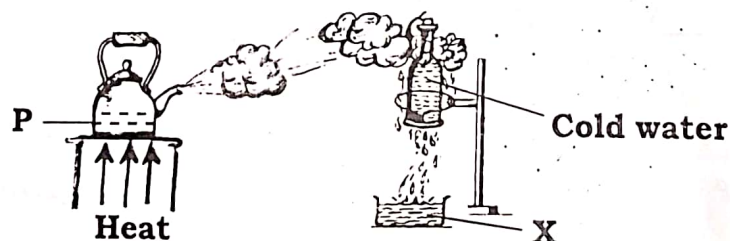
a) What general name is given to animals in group **X**?

b) How are animals in group **Y** similar in terms of reproduction?

c) In which way are animals in group **Z** different from those in group **X** and **Y**?

d) Name the animal in group **Z** that lives in water.

48. The diagram below shows a process in nature.



a) Name the natural process in the environment similar to the one above.

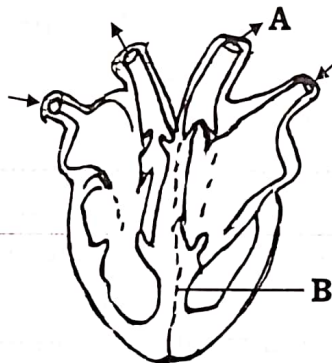
- b) Give the physical process at point marked **P**.
.....
- c) Why is cold water used in the above experiment?
.....
- d) State the advantage of the above process in the environment.
.....
49. a) What are renewable resources?
- b) Give any **two** examples of non-renewable resources.
i) ii)
- c) What role is played by **NEMA** as regards to environmental management?
.....
50. a) Give any **one** example of a chemical change.
.....
- b) State any **two** characteristics of chemical changes.
i)
ii)
- c) Mention any **one** example of a biological change.
.....
51. a) State **two** excuses why people smoke.
i)
ii)
- b) Name the poisonous drug contained in tobacco.
.....
- c) Give **one** effect of smoking to a pregnant mother.
.....
52. a) List down **two** examples of exotic breeds of rabbits.
i) ii)
- b) Give **one** reason why people keep rabbits.
i)
ii)
- c) Mention **one** common disease between rabbits and poultry.
.....
53. a) What is photosynthesis?
.....
- b) Give **two** raw materials for the above process to take place.
i) ii)

c) Why is it not advisable to sleep with potted plants in the same room at night?

54. Match the weather instruments in A with their functions in B correctly.

A	B
<u>Instrument</u>	<u>Function</u>
i) Windsock	atmospheric pressure
ii) Rain gauge	strength of wind
iii) Six's thermometer	temperature
iv) Barometer	amount of rainfall received
i) Windsock
ii) Rain gauge
iii) Six's thermometer
iv) Barometer

55. The diagram below shows a human heart, use it to answer the following questions.



- Name the part marked with letter **B**.
- Which blood vessel receives blood that has worked in the body?
.....
- How is blood vessel **A** useful in respiration?
.....
.....
- Identify one disease that may affect the above organ.
.....

GOOD LUCK