



**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'
EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY SIX END OF TERM II EXAMINATIONS 2025
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 the form of energy used in photosynthesis.
.....
2. How are feathers useful to birds?
.....
3. Give **one** way of preventing hook worms among people.
.....
4. How is a cotyledon in a bean seed useful during germination?
.....
5. How are halteres useful to a housefly during the flight?
.....

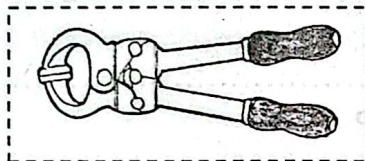
Use the diagram below to answer questions 6 and 7.



6. State the use of the blood component above.
.....
7. Name the insect borne disease that attacks the above blood component.
.....
8. Give a reason why the trachea is made up of rings cartilage.
.....
9. Name the breathing organ for a tadpole.
.....
10. Mention any **one** human activity that causes soil erosion.
.....
11. To which group of birds do we put an ostrich?
.....
12. Give the similarity between a dove and a lion in terms of reproduction.
.....
13. Mention **one** physical process involved in distillation method of making alcohol.
.....
14. Why should a pit latrine be constructed at a lower level from a water source?
.....

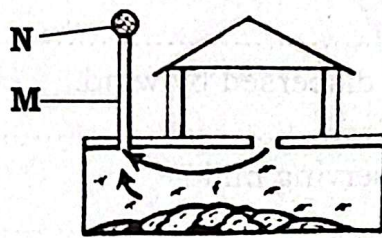
15. State **one** way of conserving non-renewable resources in the environment.
.....
16. Mention **one** adaptation of seeds dispersed by wind.
.....
17. State **one** modern method of preserving milk.
.....
18. Mention **one** service provided to mothers during ante natal care.
.....
19. How are sea mammals able to maintain their body temperature while in water?
.....
20. State the role played by anthers during pollination.
.....
21. How does painting of garden tools prevent them from rusting?
.....
22. Name the group of non flowering plants that reproduce by means of seeds.
.....

Use the tool below to answer questions 23 and 24.



23. Name the farm equipment drawn above.
.....
24. Which farm practice is carried out using the above equipment?
.....
25. How is a pouch useful to a kangaroo?
.....
26. State **one** way of reducing the spread of malaria in our community.
.....
27. How is tobacco smoking by a pregnant mother dangerous to the unborn baby?
.....
28. In which way is reproduction in monotremes different from other mammals?
.....

Use the diagram to answer questions 29 and 30.



29. Name the part of a VIP latrine marked 'M'

.....

30. How does part 'N' help to control cholera?

.....

.....

31. In which state of matter is heat transferred fastest?

.....

32. Write one PIASCY message that warns children about the dangers of AIDS.

.....

33. Which aspect of weather is measured using anemometer?

.....

34. Name the immunizable disease whose vaccine is given by injection at birth.

.....

35. How are fangs useful to a cobra?

.....

36. State the adaptation of airsacs to their function.

.....

37. Besides putting perches in a deep litter house, how else can poultry farmers keep their birds busy?

.....

38. Give one effect of tape worm infestation to one's body?

.....

39. Give one example of a drupe.

.....

40. How does a guitar produce sound?

.....

SECTION B

41. a) Write **P.H.C** in full.

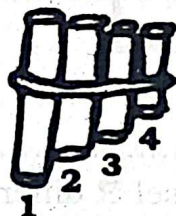
b) Mention **one** principle of P.H.C

c) State **one** way of promoting the following elements of P.H.C

i) Food and nutrition

ii) Healthy life style

42. Use the diagrams below to answer questions that follow.



a) To which group of musical instruments does the above belong?

b) If air is blown, the above panpipes at different intervals, which pipe will produce sound of;

i) Highest pitch

ii) Lowest pitch

c) State **one** way of storing sound.

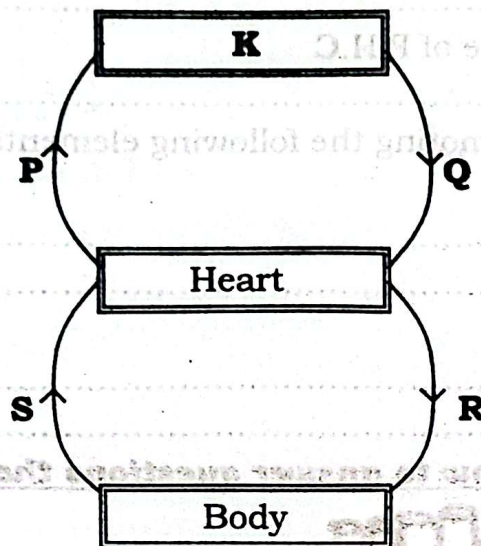
43. a) What is *germination*?

b) Name the type of germination common in legumes.

c) How is oxygen important during germination?

d) Give **one** cause of seed dormancy.

44. **The illustration below shows the circulation of blood in the human body. Use it to answer questions that follow.**



- a) Name the body organ marked **K**
.....
- b) How is blood carried by blood vessel **R** different from that carried by blood vessel **P**?
.....
.....
- c) Why does blood vessel '**S**' carry its blood to the heart?
.....
.....
- d) State **one** way of improving the proper function of the heart.
.....
.....
45. a) What are *chemical changes*?
.....
.....
- b) State **one** characteristic of chemical changes.
.....
.....
- c) How is rusting similar to burning besides being chemical changes.
.....
.....
- d) Give **one** disadvantage of chemical changes in the environment.
.....
.....

46. Use the table below to answer questions that follow.

Emu	Secretary bird	Ducks
Ostrich	Eagle	Goose
Penguin	Kites	Swan
.....	Owls	Seagull
P	Q	R

a) Identify the group of birds represented in **Q** and **R**.

i) **Q**

ii) **R**

b) Which type of food is eaten by birds in list **Q**?

.....

c) Write one bird that can be added to list **P**.

.....

47. a) What are *non-renewable resources*?

.....

b) Mention two examples of non-renewable resources.

i)

ii)

c) State one way of conserving non-renewable resources.

.....

.....

48. a) Name one breed of goats kept for mohair production.

.....

.....

b) State the method of keeping goats where goats are kept indoors.

.....

.....

c) Besides mohair, mention one product got from goats.

.....

.....

d) Give one way of improving the local breeds of goats kept in Uganda.

.....

.....

49. a) What is *dehydration*?

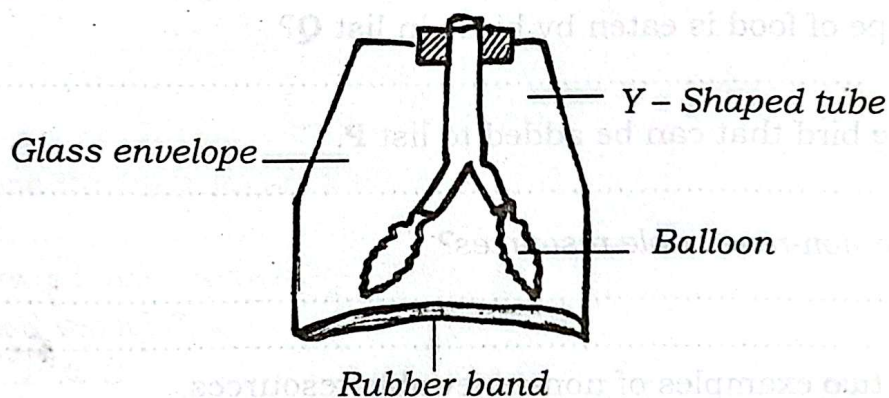
b) Mention any **two** causes of dehydration among children.

i)

ii)

c) Mention **one** mineral salt lost from the body during dehydration.

50. **The experiment below was carried out by a Primary Six class on how one of the body systems works. Use it to answer questions that follow.**



a) Name the body system represented in the above experiment.

b) What do the following represent in the above experiment?

i) Balloons

ii) Y-shaped tube

c) What would happen to the balloons if the rubber band is pulled downwards?

51. a) What is *drug prescription*?

b) Give **one** factor followed when prescribing drugs.

c) How is an over dose dangerous to the human body?

.....
.....

d) Give **one** way of preventing drug poisoning at home.

.....

52. a) What term describes the body's ability to resist infection?

.....
.....

b) Give a reason why pregnant mothers are given T.T vaccine.

.....
.....

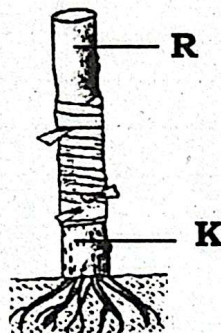
c) How is a child health card important to a parent?

.....
.....

d) Give **one** way a primary six pupil can promote immunization programmes in his or her community.

.....
.....

53. **The diagram below shows a method of propagation. Use it to answer questions that follow.**



a) Identify the method of vegetative propagation shown above

.....

b) Name the parts marked "R" and "K".

i) **R** ii) **K**

c) State **one** advantage of using the above method of propagation.

.....
.....

54. a) Mention **two** aspects of wind measured using a windsock.

i)

ii)

b) Why is a rain gauge always put in an open place?

.....
.....

c) Name the thermometric liquid used in minimum thermometer.

.....
.....

55. **Match correctly**

A

B

Pinna

Amplifies sound vibrations

Eardrum

Collects sound waves

Ossicles

Changes sound vibrations to messages

Cochlea

Changes sound waves to sound vibrations

i) Pinna

.....

ii) Eardrum

.....

iii) Ossicles

.....

iv) Cochlea

.....

.....

*****GOOD LUCK*****