



**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'  
EXAMINATIONS COMMITTEE (KAPSHA)  
PRIMARY SIX END OF YEAR 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		
<b>TOTAL</b>		

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**TURN OVER**

### SECTION A

1. Name the first set of teeth to develop in man.

2. State any one danger of strong wind.

3. How does a duck billed platypus reproduce?

4. Which part of the human helps in body balance?

Use the diagram below to answer question 5 and 6.



5. Name any one material from which the above item is made.

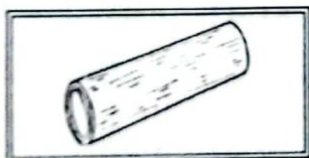
6. How is the item shown in the diagram above useful to a P.6 child at home?

7. State any one way of controlling poor disposal of human wastes in your community.

8. What type of injuries is caused by hot milk?

9. Give any one breed of sheep kept for wool production.

10. What type of blood vessel is shown in the diagram below?



11. How are leaves useful to plants?

12. Who is a **casualty**?

13. Mention any one vaccine given to babies at birth.

14. State any one way of caring for rabbits.

15. Write down any one PIASCY message.



16. How is soap important when washing clothes? .....
17. Why is a bat regarded as a mammal? .....
18. Mention any **one** similarity that exists between bacteria and fungi.  
.....
19. Where is the female reproductive system does fertilization take place?  
.....
20. State any **one** effect of heat gain on matter.  
.....
21. Give a reason why clay soil is the best for pottery.  
.....
22. Why is sugarcane not regarded as a stem tuber crop?  
.....
23. Give a reason why blood is first pumped to the lungs before it circulates in the body.  
.....
24. Give any **one** non-living resource which is useful in the process of rain formation.  
.....

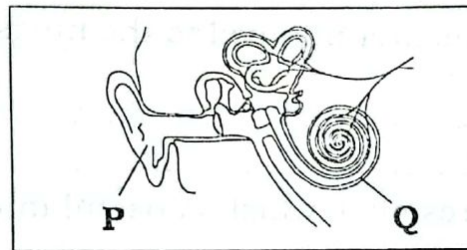
**The diagram below shows a method of seed dispersal. Use it to answer question 25 and 26.**



25. Identify any **one** seed which is dispersed using the above method.  
.....
26. How is the seed mention in number (25) adapted to the method of seed dispersal shown in the diagram above?  
.....
27. State any **one** activity which requires the use of air exerts pressure.  
.....
28. Mention any **one** disorder which affects the digestive system.  
.....

29. Why is measles vaccine not given at birth? .....
30. Name the cattle disease which is identified with blood stains in milk.  
.....
31. Give any **one** way farmers improve the qualities of their local breeds of poultry.  
.....
32. How does draining stagnant water help to control the spread of malaria?  
.....
33. Identify any **one** effect of poor feeding on infants.  
.....
34. State any **one** importance of conducting health parades in a school.  
.....

**Use the diagram of the human ear below to answer questions 35 and 36.**



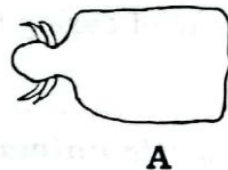
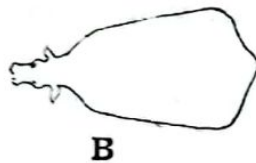
35. Name the part marked with letter **P**.  
.....
36. To which region of the ear does part **Q** belong?  
.....
37. Name the system of keeping poultry which allows birds to have enough physical exercise.  
.....
38. Work out the density of an object whose mass is **100g** and occupies a space of **25cc**.  
.....

39. Why is a pregnant woman regarded as a vulnerable person?  
.....
40. Give the meaning of the term **germination**.  
.....



### SECTION B

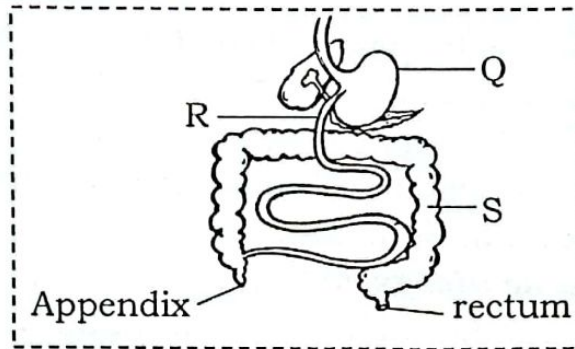
41. a) Write **V.I.P** in full as used in latrines.  
.....  
b) How is a screen useful in a VIP latrine?  
.....  
c) Why should a pit latrine be constructed 30metres away from a water source. ....  
.....  
d) State any **one** way of promoting cleanliness in a latrine.  
.....
42. What are **communicable diseases**? .....  
.....  
b) Mention any **two** examples of communicable diseases.  
i) .....  
ii) .....  
c) State any **one** way of controlling communicable diseases spread through insect bites.  
.....
43. Use the diagram of the confirmation of types of cattle shown below to answer the question that follows.



- a) Identify the type of cattle marked with letter **A**.  
.....
- b) State the main reason why the types of cattle marked with letter **B** is reared. ....  
.....
- c) Mention **two** ways of improving the quantity of products produced by the type of cattle marked **B**.  
i) .....  
ii) .....
44. a) What are **physical changes**?.....  
.....  
b) Write down any **two** examples of chemical changes.  
i) .....  
ii) .....

c) In which way are chemical changes similar to biological changes?

45. Use the diagram of the digestive system shown below to answer the question that follow.



a) Name the part marked with letter **Q**.

b) Which class of food is digested for the first time in the part marked with letter **R**?

c) Give a reason why digestion of food does not take place in part marked **S**.

d) State any one way of caring for the body system shown in the diagram above.

46. a) What are **domestic animals**?

b) List down any two uses of domestic animals to people.

i) .....

ii) .....

c) State any one way of caring for wild animals.

47. a) Give the meaning of the term **first aid**.

b) Why is it important for first aiders to be knowledgeable?

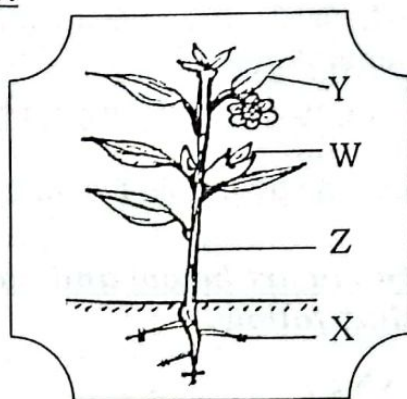
c) Write down any two reasons why we give first aid.

i) .....

ii) .....



48. Study the diagram below carefully and use it to answer the questions that follow.



- a) Name the parts marked with letters **W** and **X**.  
 W: ..... X: .....  
 b) How is part marked with letter **Z** important to plants improve human health?  
 .....  
 c) State any **one** way part marked **Y** can be used to improve human health.  
 .....  
 49. a) Give **one** example of a basic need.  
 .....  
 b) Mention any **two** ways people conserve energy at home.  
 i) .....  
 ii) .....  
 c) Why is it important to conserve energy? .....  
 .....  
 50. Study the table below and complete it correctly.

No.	Class of food	Source	Deficiency diseases/ Disorder
a.	Proteins	_____	Kwashiorkor
b.	_____	Cassava	Marasmus
c.	Roughage	Cabbage	_____
d.	Vitamins A	Carrot	_____

51. a) Mention any **one** breed of rabbits kept in Uganda.  
 .....  
 b) List any **two** reasons why people keep rabbits.  
 i) .....  
 ii) .....  
 c) How can rabbit farmers control diseases on their farms without using chemicals? .....  
 .....

52. a) Write **PHC** in full.

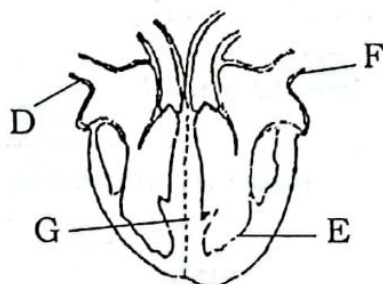
b) Write down any **two** elements of PHC.

i) .....

ii) .....

c) Why should PHC services be available for all community members?

53. Study the diagram of the heart below and carefully and use it to answer the questions that follow.



a) Name the parts marked with letters **D** and **E**.

D: ..... E: .....

b) How is blood carried in vessel **D** different from that of vessel **F**?

.....

c) What is the function of the parts marked with letter **G**?

.....

54. a) State any **two** roles of worker bees in a colony.

i) .....

ii) .....

b) How is honey got from bees useful to people?

.....

c) Give a reason why it is not advisable to use fire when harvesting honey.

.....

55. Match the body organs in list A to their senses in list B correctly.

List A

Ears

Nose

Skin

Tongue

List B

a) Tasting

b) Feeling

c) Smelling

d) Hearing

Correct order

Ear .....

Nose .....

Skin .....

Tongue .....