

**SIR APOLLO KAGGWA SCHOOLS- SINCE 1996**  
**HUB TEST 2 TERM III 2024**  
**P.7 INTEGRATED SCIENCE**

NAME: \_\_\_\_\_ Stream \_\_\_\_\_

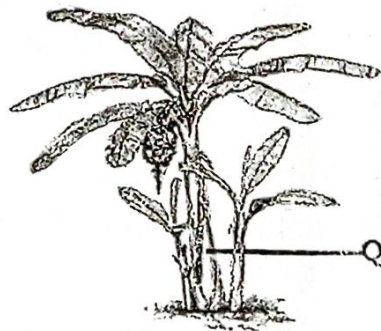
SCHOOL: \_\_\_\_\_

**SECTION A: 40 MARKS**

Questions **1** to **40** carry **one** mark each

1. Mention the digestive organ where saliva is produced.  
.....
2. State the importance of a bandage in a first aid kit.  
.....
3. State **one** way in which mulching improves soil fertility.  
.....
4. Why does a ray of light bend as it passes through a glass block?  
.....  
.....
5. Give **one** way in which stomata are useful to plants during photosynthesis.  
.....

The diagram below shows a banana plant. Use it to answer questions **6** and **7**.



6. Using letter **K** and line segment indicate the part used in propagation.
7. State any **one** way in which structures **Q** is useful to people.  
.....
8. Name the group of crops that produce seeds in pods.  
.....

9. Identify any **one** way in which vegetables can be kept fresh for some time.

10. To which group of invertebrates does a slug and snail belong?

11. Mention any **one** way health workers can identify a child immunized tuberculosis.

12. Give **one** way in how bilharzia worms enter the human body.

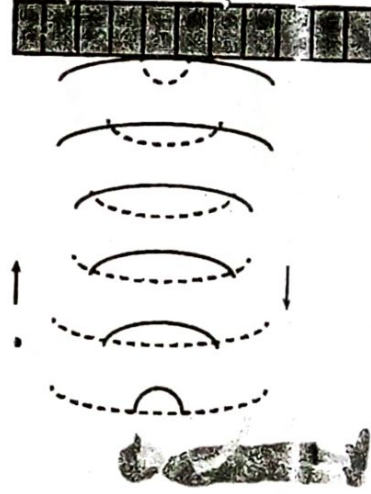
13. Name the property of air used in filling of balloons.

14. Give a reason why a plastic pen rubbed on the hair attracts small pieces of paper.

15. Which respiratory part flattens to allow expansion of lungs when breathing in?

16. State any **one** sign of dysentery in children.

The diagram below shows a property of sound. Use it to answer questions **17** and **18**.



17. Name the property of sound drawn above.

18. State any **one** way in which the shown property of sound is useful to people.



19. Identify the effort of heat on matter that helps wet clothes to dry.  
.....
20. State any **one** effect of pests and diseases on tuber crops.  
.....  
.....
21. In which **one** way is wind useful in the reproduction of some plants?  
.....  
.....
22. Give **one** effect of alcoholism to pregnant mothers.  
.....
23. State any **one** way in which people can utilize used plastic bottles at home.  
.....
24. Mention any **one** example of natural magnets.  
.....
25. Why are convalescents advised to eat foods rich in vitamins?  
.....  
.....
26. Give any **one** importance of fermentation in our daily life.  
.....
27. State the purpose of pressing the belly of the casualty who has near drowned.  
.....  
.....
28. How is taking of under dose of essential drugs dangerous to a patient?  
.....  
.....
29. Give **one** way in which the human skin is similar to kidneys in terms of function.  
.....
30. Point out any **one** way of keeping your hands clean.  
.....
31. State the causative similarity between rinderpest and foot and mouth disease in cattle.  
.....

A nail weighed **100g** in air and when the same nail was put in water, it weighed **96g**.

32. State what caused the difference in weight.

33. Give a reason to support your answer in **No.32** above.

The diagrams below show blood vessels. Study and use them to answer questions **34** and **35**.



34. Name blood vessel **T**.

35. Give **one** function of blood vessel **R**.

36. Mention **one** PIASCY message that safeguards adolescent girls against teenage pregnancy.

37. Give **one** way in which plants are used as energy resources.

38. Name the part that helps a lever to move freely when lifting load.

39. How are gills useful to mushrooms?

40. Give the importance of constructing a pit latrine **10 metres** away from the living house.



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. (a) Name the **two** muscles attached to the humerus bone.

(i) .....

(ii) .....

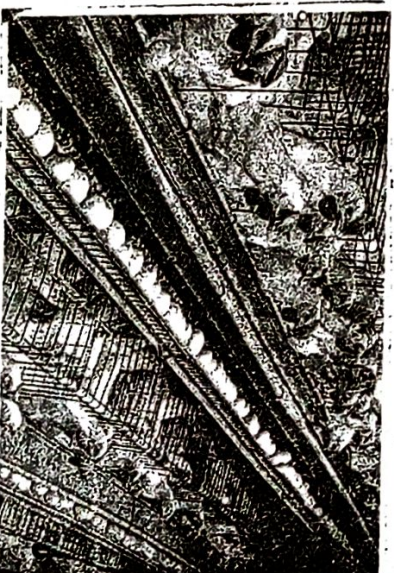
(b) What is the importance of synovial fluid at joints?

.....

(c) Apart from protection, give **one** use of muscles to the human body.

.....

42. The diagram below shows a system of keeping poultry practiced by Mr. Mukasa of Bukalasa village. Study and use it to answer questions that follow.



(a) Identify the system of keeping poultry shown above.

.....

(b) Which poultry vice do farmers mainly control by using the above system?

.....

(c) Give any **two** advantages of the above system apart from controlling poultry vices.

(i) .....

(ii) .....

43. MRS. Kigagga was boiling milk in the kitchen. She accidentally stepped on the Firestone holding the saucepan with boiling milk. The boiling milk poured on her leg.

(a) Name the type accident Mrs. Kigagga sustained.

.....

(b) What first aid would you give to her?

(c) Give any **two** ways in which such accidents can be prevented at home.

(i).....  
(ii).....

44. Given: **Maize plant, hens and wild cat.**

(a) Give **one** way in which a maize plant benefits from hens.

(b) Explain what will happen to the wild cat when the farmer sells all the hens

(c) From the above list, give **one** thing the farmer can do to increase the number of hens.

(d) Give a reason why a maize plant is a producer.

45. (a) State any **two** activities done by farmers to improve soil fertility.

(i).....  
(ii).....  
(b) Explain how uncontrolled bush burning causes soil infertility. **(02 Marks)**

46. The table below shows some of the vectors, diseases they spread and the ways how they spread diseases. Complete the table.

Vector	Disease	How the vector spreads the disease
Aedes mosquitoes		By biting.
	Relapsing fever	By sucking blood
Cockroaches	Typhoid	
	Sleeping sickness	By biting



47. (a) Outline any **two** classes of food.

(i).....

(ii).....

(b) Identify any **one** organism that causes rotting of food.

.....

(c) Give any **one** way of promoting food hygiene at home.

.....

48. (a) List any **two** groups of spore bearing plants.

(i).....

(ii).....

(b) How is the following pair of plants similar in the way they reproduce?

Pine and mangoes

.....

(c) Give a reason why you would not group pines together with plants named in  
**(a)** above.

.....

.....

49. A group of birds were seen feeding on the meat of the dead dog thrown in the rubbish pit.

(a) Identify the above group of birds in the environment.

.....

(b) Mention any one example of a bird that could have been seen feeding on the dog's meat.

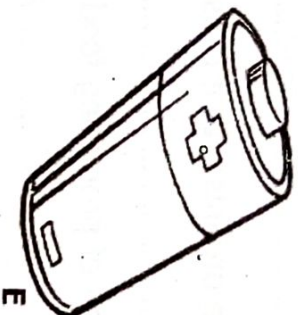
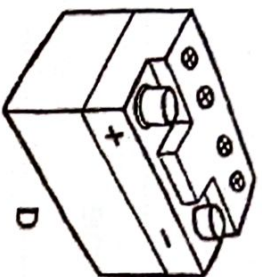
.....

(c) Explain how the group of birds named in (a) above are adapted to their mode of feeding. **(02 Marks)**

.....

.....

50. The diagram below shows electric cells. Study and use them to answer questions that follow.



- (a) Identify the electric cells marked **D** and **E**.  
D.....  
E.....
- (b) Give **one** advantage of electric cell **D** has over **E**.  
.....  
.....
- (c) Mention any one home electric appliance that uses electric cell **E** to function.  
.....  
.....
51. (a) Name **one** example of a dicotyledonous seed.  
.....  
.....
- (b) Give **one** characteristic of dicotyledonous plants.  
.....  
.....
- (c) From which part of a flower do seeds develop?  
.....  
.....
- (d) State **one** function of a fruit to plants.  
.....  
.....
52. (a) Name the germ that causes gonorrhoea.  
.....  
.....
- (b) Mention any **one** sign of gonorrhoea.  
.....  
.....
- (c) How does gonorrhoea affect the reproductive system?  
.....  
.....
- (d) State any **one** way of controlling the spread of gonorrhoea among people.  
.....  
.....



53. (a) State what happens to a ray of light as it strikes;

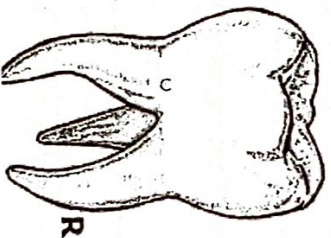
(i) A glass block

(ii) A mirror

(b) Name the inner part of a shadow.

(c) Give a reason why the moon is not regarded as a natural source of light.

54. The diagrams below show types of teeth. Study and use them to answer questions that follow.



(a) Name the type of teeth labelled **Q** and **R**.

**Q**.....

**R**.....

(b) Give the function of tooth **Q**.

.....

(c) Give a reason why tooth **R** is commonly affected by tooth decay.

.....

.....

55. In the table below, part **A** shows terms used in measurements and part **B** shows their meanings.

<b>A: TERMS</b>	<b>B: MEANINGS</b>
Mass	Force of gravity acting on an object.
Density	The upward force on objects placed in water.
Weight	Mass per unit volume of an object.
Volume	Quantity of matter an object contains.
	Amount of space occupied by an object.

Write the correct meaning to the term in the space provided below.

(i) Mass .....

(ii) Density .....

(iii) Weight .....

(iv) Volume .....

**THE END**