



KAMPALA PRIMARY SCHOOLS HEADTEACHERS'  
EXAMINATIONS COMMITTEE (KAPSHA)  
PRIMARY FIVE 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"**.

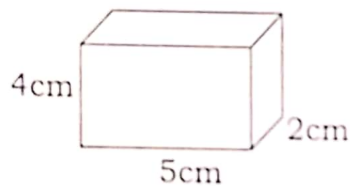
FOR EXAMINER'S USE ONLY		
QN. NO.	MARKS	SIGN
1 - 10		
11 - 20		
21 - 40		
41 - 45		
46 - 50		
51 - 55		
<b>TOTAL</b>		

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**TURN OVER**

### SECTION A

1. Name one example of poultry.  
.....
2. Where does digestion of food begin from in a human body?  
.....
3. Identify one leguminous crop.  
.....
4. Name any one method used for extracting honey.  
.....
5. Give the importance of ventilators on a living house.  
.....
6. Apart from providing warmth, how else are feathers useful to birds?  
.....
7. Give one way of controlling soil erosion in the school compound.  
.....
8. Find the volume of the cuboid below.



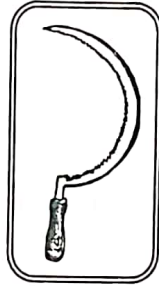
9. Why do plants with weak stem climb others?  
.....
10. What process leads to the formation of nimbus clouds?  
.....
11. Give any one function of the stem to a plant.  
.....
12. Name any one example of a solitary insect.  
.....
13. What is the collective name to the following parts of a flower; stigma, style, ovary and ovules?  
.....
14. Give any one disease spread by a housefly.  
.....
15. Which system of poultry is suitable for commercial purpose?  
.....

16. Why is clay soil suitable for pottery?  
.....

17. By what process does Okello receive heat when sitting near a charcoal stove?  
.....

18. Mention **one** example of a traditional bee hive.  
.....

**Below is a diagram of a garden tool. Study it carefully and use it to answer the questions that follow.**



19. When is the above garden tool used by the farmer?  
.....

20. Give any **one** vaccine given to babies at birth.  
.....

21. Why is sugar used in preparation of O.R.S?  
.....

22. Write **UNEPI** in full form.  
.....  
.....

23. What is *oral health*?  
.....  
.....

24. Which component of air supports germination?  
.....

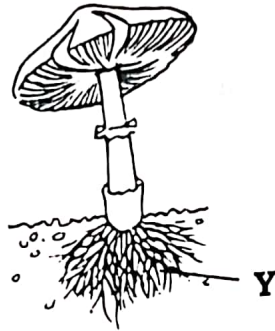
25. Name any **one** example of natural manure.  
.....

26. John was pierced by a nail which body organ helped him to sense the pain.  
.....

27. Name the deficiency disease caused by lack of iodine in the body.  
.....

28. Name the type of weather that requires the use of an umbrella.  
.....

Use the diagram below to answer questions 29 and 30.

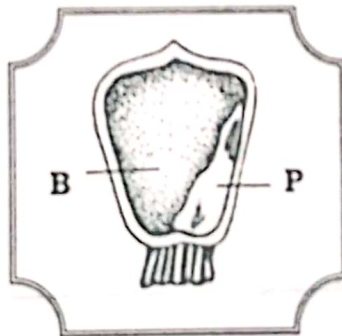


29. Name part marked **y**.  
.....
30. Why is the above organism unable to make food?  
.....
31. How is a micropyle important to a germinating bean seed?  
.....  
.....
32. Mention **one** vaccine used in the immunization against COVID – 19?  
.....
33. Give **one** local method of preserving fish.  
.....
34. How important are health parades in a school?  
.....  
.....
35. Name **one** common disease of the tooth.  
.....
36. Name **one** living component of soil.  
.....
37. State **one** exotic breed of goats kept for milk production.  
.....
38. By what process does food move along the alimentary canal?  
.....
39. Give **one** effect of tape worm infestation.  
.....
40. Mention **one** way of preventing diseases without using drugs.  
.....



**SECTION B**

41. a) Name **one** type of germination.  
.....
- b) Give other **two** conditions for the above process to take place apart from oxygen.  
i) ..... ii) .....
- c) Give **one** reason why a seed may fail to germinate.  
.....
42. a) Why does a worker bee die after stinging?  
.....
- b) Give the role of a drone bee.  
.....
- c) What name is given to the larva stage of a bee?  
.....
- d) What may cause bees to swarm?  
.....
43. a) What is *soil erosion*?  
.....
- b) Give **two** types of soil erosion.  
i) ..... ii) .....
- c) Give **one** cause of soil erosion.  
.....
44. **Below is a maize grain, use it to answer the questions that follow.**



- a) Name part **B**. ....
- b) Give the function of part **P**.  
.....
- c) Why is a maize grain above called a fruit?  
.....  
.....

- d) Name the part of a bean seed that has a similar function with part **P**.  
 .....  
 45. a) What is the incubation period of a turkey?  
 .....  
 b) Name one type of incubation.  
 .....  
 c) Give one advantage of the type of incubation mentioned above.  
 .....  
 d) What can fail an egg to hatch?  
 .....  
 46. a) Why is a mosquito regarded to as a vector?  
 .....  
 b) Mention the vector for the following diseases;  
 i) cholera .....  
 ii) bilharziasis .....  
 c) Give one way of controlling vectors at home.  
 .....  
 47. a) Write P.H.C in full.  
 .....  
 .....  
 b) Give two elements of P.H.C.  
 i) ..... ii) .....  
 c) Name one practice we do to promote personal hygiene.  
 .....  
 48. Below is a clinical thermometer, use it to answer the following questions.



- a) Give the function of part marked **N**.  
 .....  
 b) Name the liquid used in the above thermometer.  
 .....  
 c) Why is the liquid named above preferred to water?  
 .....  
 .....  
 .....

- d) Suggest a reason for shaking the above instrument by a health worker before using it.

49. a) What are *communicable diseases*?

b) Mention any **two** examples of communicable diseases.

i) .....

ii) .....

c) Give **one** way of controlling communicable diseases.

50. a) Name **one** type of digestion.

b) Where does digestion of fats begin?

c) Give **one** disorder of the digestive system.

d) Name **one** disease of the digestive system.

51. *Below is the immunization table. Fill in the blank spaces.*

VACCINE	AGE	DISEASE	SITE
a) .....	At birth	Tuberculosis	Right upper arm
DPT	6 weeks	b) .....	Left upper thigh
Polio Vaccine	At birth	Polio	c) .....
d) .....	9 months	Measles	Left upper arm

52. a) Give **one** example of an object that can sink in water.

b) Why do some objects sink in water?

c) What determines the sinking and floating of objects in water?

d) Give **one** object that can float on water.



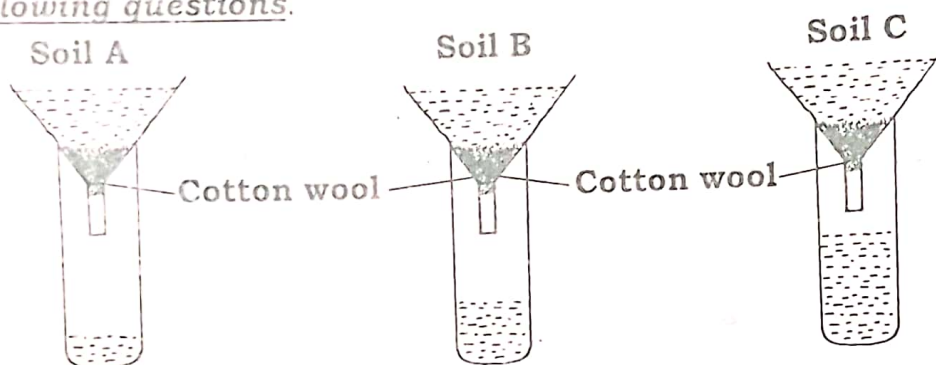
53. Match the following correctly.

- a) Crop rotation
- b) Pruning
- c) Bush burning
- d) Weeding

no competition for nutrients  
adds nitrogen to the soil  
reduce the weight of a plant  
leads to soil erosion

- a) Crop rotation
- b) Pruning
- c) Bush burning
- d) Weeding

54. Below are different types of soil samples, use them to answer the following questions.



a) Name component of soil A.

b) Why is soil component A having less water?

c) What is the above experiment about?

d) Give the role of cotton wool in the above experiment.

55. a) Why is a goat regarded as a living thing?

b) Give any other example of a living thing.

c) Give two biological characteristic of living things.

- i) .....
- ii) .....

\*\*\*GOOD LUCK\*\*\*