

THE SIPRO END OF TERM II EXAMINATIONS 2023

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY FOUR

DURATION : 2 hours 15 minutes

Name : _____

School : _____

District : _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B.
2. Section A has 40 questions (40 Marks).
3. Section B has 15 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated:

"FOR EXAMINER'S USE ONLY"

For Examiner's Use Only;

PAGES	MARKS	INITIALS
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Page 6		
Page 7		
Total		

Please turn over



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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

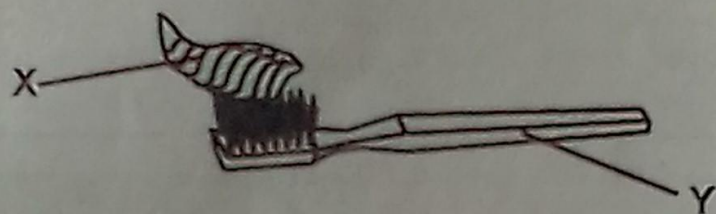
1. Name any **one** source of food in our environment.

2. How does a bee protect itself against enemies?

3. State any **one** cause of common accidents in our homes.

4. Give the importance of a first aid box to a first aider.

The diagram below is of a tool used to keep our bodies clean. Study and use it to answer questions 5 and 6.



5. Name the item marked with letter Y.

6. Give any **one** reason why people use part X when brushing their teeth.

7. Write any **one** reason why people preserve food.

8. Give any **one** example of a resource in our environment.

9. Name any **one** sense body organ.

10. State the type of soil commonly used for modelling.

11. How is a sponge useful during bathing?

12. Write any **one** colour of traffic lights.

13. What name is given to a young plant?

14. Why are people encouraged to drink enough water after a meal?

15. Name any **one** example of harmful insects in our community.

16. Write any **one** crop growing practice.

17. State any **one** way the spread of typhoid can be controlled in the environment.

18. Name the type of root system found in maize plants.

19. State any **one** way of controlling mosquito bites at home.

20. Mention the type of teeth with a chisel shaped enamel.

21. Name any **one** weather instrument kept in a Stevenson screen.

22. Give any **one** product got from domestic animals.

The diagram below is of a foodstuff. Study and use it to answer question 23.



23. Name the class of food got from eating the foodstuff above.

24. State any **one** way of caring for our body organs.

25. Why is loam the best for growing crops?

26. Name any **one** disease spread by a housefly to people.

27. Give any **one** component of air.

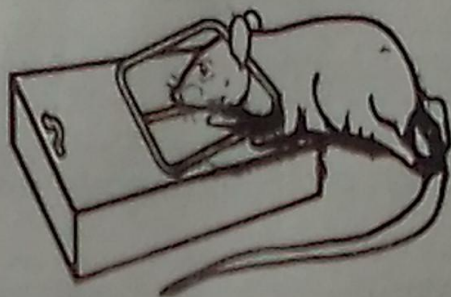
28. What name is given to the breathing organs of an insect?

29. What is germination?

30. Name the garden tool used to reduce branches on a plant.

31. In which season do crop farmers prepare the garden?

32. Which method of controlling rats in a home is shown in the diagram below?



33. Name the type of weather that enables people to collect water for domestic use.

34. What name is given to a constructed habitat for rabbits?

35. Give **one** reason why casualties are taken to a nearby hospital.

36. State any **one** disease that may break out due to poor sanitation in a school.

37. How are rat guards useful on a granary?

38. Name the best food for babies.

39. State any **one** use of wind in our community.

40. Write any **one** disease that affects the human skin.

Questions 41 to 55 carry **four** marks each.

41 (a) Name the main natural source of light and heat on earth.

(b) Give any **two** uses of sunlight in our environment.

(i) _____

(ii) _____

(c) State any **one** danger of too much sunshine to a farmer.

42(a) What is personal hygiene?

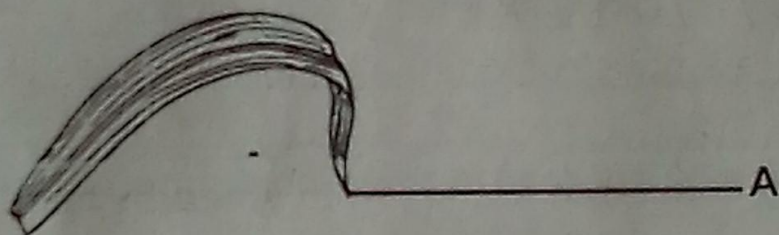
(b) Give any **two** ways of promoting personal hygiene.

(i) _____

(ii) _____

(c) State any **one** material used to promote personal hygiene.

43. Study the diagram shown below and use it to answer the questions that follow.



(a) Name the part marked A on the diagram above.

(b) Give any **two** crops with such a leaf drawn above.

(i) _____

(ii) _____

(c) Name the type of venation in the leaf drawn above.

44 (a) State any **two** PIASCY messages.

(i) _____

(ii) _____

(b) What does letter "A" stand for in the word PIASCY?

45 (a) Write any **two** people-made activities that damage the environment.

(i) _____

(ii) _____

(b) State any **two** ways of conserving our environment.

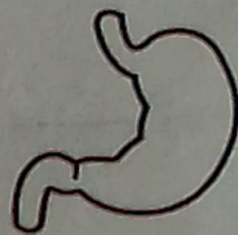
(i) _____

(ii) _____

46. The diagrams below are of body organs. Study and use them to answer the questions that follow.



G



S

(a) Name the body organs drawn above.

(i) G _____

(ii) S _____

(b) Write any **two** ways of caring for internal body organs.

(i) _____

(ii) _____

47 (a) Give **two** reasons why it is good to cover top soil in a banana garden with dry plant materials.

(i) _____

(ii) _____

(b) Give one danger caused by dry plant materials in a banana garden.

(c) How do crop farmers harvest ready banana fruit?

48(a) What is first aid?

(b) Mention **two** reasons for giving casualties first aid.

(i) _____

(ii) _____

(c) State any **one** quality of a good first aider.

49(a) What name is given to diseases caused due to lack of some food values in the diet?

(b) State any **two** examples of such diseases.

(i) _____

(ii) _____

(c) How best can such diseases be controlled among children?

50(a) Give **two** examples of non-living things.

(i) _____

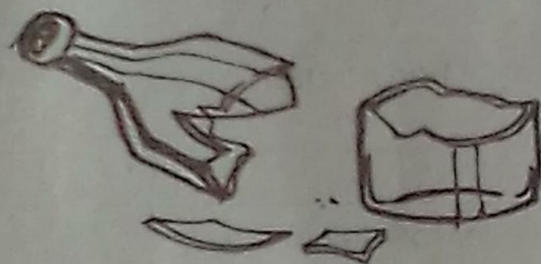
(ii) _____

(b) Write any **two** characteristics of non-living things.

(i) _____

(ii) _____

51. Study the diagram shown below and use it to answer the questions that follow.



(a) Name the dangerous object shown above.

(b) Give any **two** effects of the accident caused by the above object.

(i) _____

(ii) _____

(c) State any **one** way of preventing accidents caused by the object drawn above.

52 (a) Name any **two** common insects that can make food dirty.

(i) _____

(ii) _____

(b) State any **one** way of keeping food safe.

(c) Give **one** disease commonly got from eating dirty food.

53 (a) Why do we wash our hands after visiting a latrine?

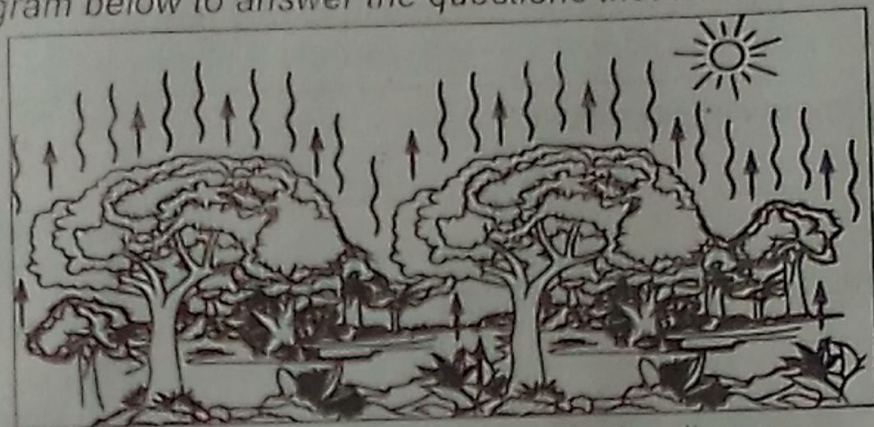
(b) State the importance of a latrine at home.

(c) Mention any two activities done by people to keep a latrine clean.

(i) _____

(ii) _____

54. Use the diagram below to answer the questions that follow.



(a) Name the process indicated by the arrows in the diagram.

(b) Mention any two uses of trees to people in our community.

(i) _____

(ii) _____

(c) Give any one importance of trees to wild animals.

55. Match the following classes of food with their foodstuffs.

Classes of food

proteins

carbohydrates

vitamin C

mineral salts

Foodstuffs

fruit

liver

eggs

cassava

(i) proteins _____

(ii) carbohydrates _____

(iii) vitamin C _____

(iv) mineral salts _____