

# THE SIPRO END OF TERM III 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 20 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/crossing 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 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

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### SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Give any one item used to clean our clothes.  
\_\_\_\_\_
2. State any one method used to keep food free from germs.  
\_\_\_\_\_
3. Give one way in which wild animals can be dangerous to people.  
\_\_\_\_\_
4. Which source of energy helps to dry harvested beans and maize?  
\_\_\_\_\_
5. Why is it important to have a latrine at home?  
\_\_\_\_\_

The diagram below is of an insect. Study and use it to answer question 6



6. Give the use of the larvae stage of the above insect in our latrines.  
\_\_\_\_\_
7. Name any one condition necessary for seed germination.  
\_\_\_\_\_
8. State one way in which hookworms enter our bodies.  
\_\_\_\_\_
9. Mention one crop growing activity done in windy weather.  
\_\_\_\_\_
10. Name any one wood fuel commonly used in our community.  
\_\_\_\_\_
11. Write one quality of a good first aider.  
\_\_\_\_\_
12. Give any one way of caring for the ears.  
\_\_\_\_\_
13. Why is it important to put a burnt part of the body in cold water?  
\_\_\_\_\_





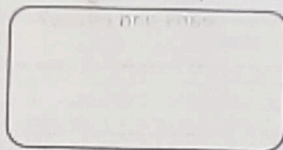
14. State the body condition that makes babies get sunken eyes and dry lips.

15. Write down one human activity that can lead to soil erosion.

16. Name the disease caused by the HIV germ.

17. Mention any one function of roots to plants.

18. In the space provided below, draw one item made from clay soil.



19. State the term used to mean the vertical arrangement of soil layers.

20. Name one vector controlled by regular slashing of tall grass near our homes.

21. Why do dogs bark at strangers in our community?

22. Name any one example of a perennial crop.

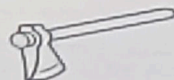
23. In which one way can you as a P4 pupil protect your teeth from tooth decay?

24. Mention one part of the plant in which photosynthesis takes place.

25. What do we call a constructed habitat of a domestic rabbit?

26. Write any one danger of poor feeding to a baby.

The diagram below is of an item used at school. Study and use it to answer question 27.



27. Which activity in a school is done with the help of the garden tool drawn above?





28. Mention any **one** communicable disease that can break out in the community with poor sanitation.
29. State any **one** way people in the community can keep water sources clean.
30. Write **one** step that can be done to give first aid to a P.4 child with a nose bleed.
31. What component of air has the smallest percentage in the atmosphere?
32. Give **one** way in which houseflies spread diseases.
33. State **one** reason why we provide shelter to domestic animals.
34. Why is it a bad practice for children to play with stones?
35. State **one** way a granary is useful to a crop farmer.
36. In which **one** way does food get contaminated?
37. Name the deficiency disease that causes swelling of the neck.
38. Give **one** reason why a cockroach is called an insect.
39. Mention the source of solar energy in our environment.
40. How are eyes useful to you?

**SECTION B: 60 MARKS**

*Questions 41 to 55 carry four marks each.*

41. a) Name any **two** natural sources of water in the environment.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) State **two** uses of water to people.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_



42. The  
ques

- a) N  
i) L  
ii) R  
b) G  
c) H

43. a) W

- b) W  
i) \_\_\_\_\_  
ii) \_\_\_\_\_  
c) St

44. a) G

- b) W  
i) \_\_\_\_\_  
ii) \_\_\_\_\_  
c) St

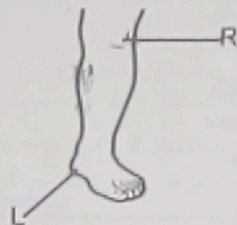
45. a) W

- i) to  
ii) to  
b) N  
c) G





42. The diagram below is of a part on our body. Study and use it to answer the questions that follow.



a) Name parts labelled with letters;

i) L \_\_\_\_\_

ii) R \_\_\_\_\_

b) Give one use of the part of the body drawn above.

c) How can you as a P.4 pupil care for the above part of the body?

43. a) What is a first aid box?

b) Write two items found in the first aid box.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) State any one reason for giving first aid.

44. a) Give any one reason for eating food.

b) Write any two uses of food in the body of a P.4 girl.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) State any one importance of preserving food.

45. a) What type of soil is used;

i) to make pots?

ii) to grow crops?

b) Name one other component of the environment apart from soil.

c) Give any one way soil is formed in our local environment.





46. Match these animals in *list P* to their modes of movement in *list Q*.

*List P*

snake

man

fish

bat

*List Q*

flies

swims

slithers

walks

i) snake \_\_\_\_\_

ii) man \_\_\_\_\_

iii) fish \_\_\_\_\_

iv) bat \_\_\_\_\_

47. a) Name any one example of people made changes in the environment.

b) State two natural causes of changes in the environment.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Give one effect of natural causes of changes in the environment.

48. The diagrams below show two types of teeth. Study them carefully and use them to answer the questions that follow.



A



R

a) Name the type of tooth marked with letters;

i) A \_\_\_\_\_

ii) R \_\_\_\_\_

b) Give the function of each type of tooth drawn above.

i) A \_\_\_\_\_

ii) R \_\_\_\_\_





49. a) State the causes of the following deficiency diseases;

i) kwashiorkor \_\_\_\_\_

ii) marasmus \_\_\_\_\_

b) How can we prevent each of the above deficiency diseases?

i) kwashiorkor \_\_\_\_\_

ii) marasmus \_\_\_\_\_

50. a) Name any two types of germs.

i) \_\_\_\_\_

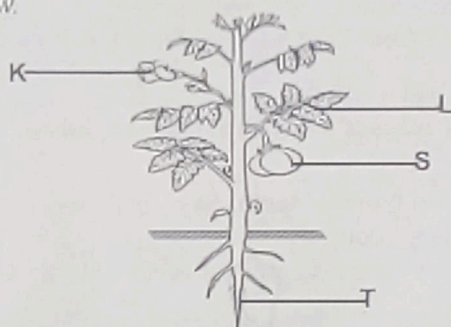
ii) \_\_\_\_\_

b) Give two ways in which germs enter our bodies.

i) \_\_\_\_\_

ii) \_\_\_\_\_

51. The diagram below is of a flowering plant. Use it to answer the questions that follow.



a) Name the part labelled S.

b) State the functions of parts labelled T and L to a plant.

i) T \_\_\_\_\_

ii) L \_\_\_\_\_

c) Why do bees like visiting part marked K on a flowering plant?

52. a) Mention any two diseases that attack rabbits.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Give two ways a farmer can control diseases in rabbits.

i) \_\_\_\_\_

ii) \_\_\_\_\_





53. Study the table below and use it to answer the questions that follow.

Group L	Group X
coffee	beans
bananas	maize
mangoes	soya beans

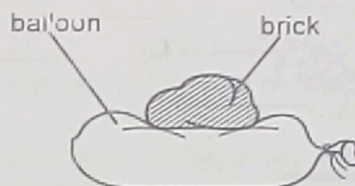
a) Which group of crops in the table above is harvested more than once?

b) Why are crops in group X called annual crops?

c) Name one product got from maize.

d) State any one way of caring for crops in the school garden.

54. The diagram below shows a property of air. Use it to answer the questions that follow.



a) Identify the property of air shown in the diagram above.

b) In which one way is the above property of air useful to people?

c) Besides the drawn property of air above, mention two other properties of air.

i)

ii)

55. a) Give the meaning of the term a "vector".

b) Mention the disease spread by each of the vectors given below;

i) at fleas

ii) black flies

c) State one danger of stagnant water in a home compound.

