

# THE **SIPRO BEGINNING OF TERM II EXAMINATIONS 2024**

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:

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Total		

Please turn over



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## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Write any one item people use to clean the body.

2. In which way is a cockroach harmful to people?

3. Why are seeds dried before storage?

4. Write down any one activity done by farmers before planting seeds.

The diagram below is of an item used by people to manage rainy weather. Study and use it to answer questions 5 and 6.



5. Identify the item drawn above.

6. Give one danger faced by a person who does not have the item above during rainy weather.

7. Write the domestic animal that guards our home.

8. Mention any one item measured in litres.

9. Which crop growing practice is done by using a sickle?

10. Which component of air is used for preserving bottled drinks?

11. Give the use of the nose on the human body.

12. Write any one example of a monocotyledonous plant.

13. State any one importance of humus to the soil.

14. Why is it bad to leave food uncovered?



The diagram below is of a garden tool. Study and use it to answer questions 15 and 16.

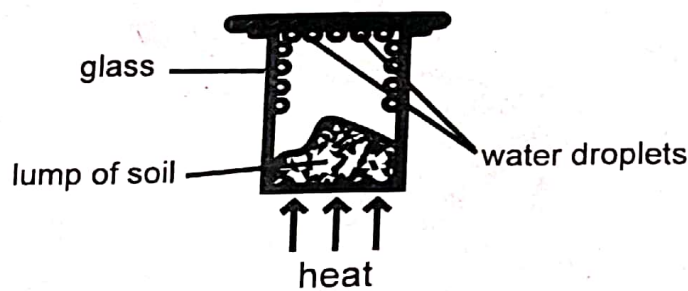


15. Name any **one** crop harvested using the tool above.
16. State **one** way of caring for the garden tool drawn above.
17. Why should we wash clothes before wearing?
18. Which disease is controlled by following PIASCY messages among human beings?
19. How is plaster useful to a first aider when giving first aid?
20. Write **one** activity done by people to increase rainfall in an area.
21. Name the habitat of a cow.
22. In which way is food important to the body?
23. Mention any **one** reason why crop farmers keep records.
24. How is the sun dangerous to people?
25. Give **one** way cholera can be prevented at home.





The diagram below is of an experiment about soil. Study and use it to answer questions 26 and 27.



26. What does the above experiment show about soil?  
\_\_\_\_\_
27. Which component of soil is experimented in the diagram above?  
\_\_\_\_\_
28. Write any **one** danger of transpiration to plants.  
\_\_\_\_\_
29. Why can't male anopheles mosquitoes spread malaria?  
\_\_\_\_\_
30. Which wild animal provides us with ivory?  
\_\_\_\_\_
31. Give **one** reason why we are not advised to bite fingernails using teeth.  
\_\_\_\_\_
32. Which part of an onion is eaten by people?  
\_\_\_\_\_
33. Write any **one** danger of poor personal hygiene to human health.  
\_\_\_\_\_
34. In which way is a cactus plant dangerous to people?  
\_\_\_\_\_
35. Give **one** way a child can be prevented from burns.  
\_\_\_\_\_
36. State any **one** danger of strong wind in the environment.  
\_\_\_\_\_
37. Apart from feathers, give any other product got from domestic birds.  
\_\_\_\_\_
38. Why do farmers water their crops in dry season?  
\_\_\_\_\_
39. Write any **one** example of a storage facility for harvested crops.  
\_\_\_\_\_
40. What name is given to the meal containing all food values in their right amount?  
\_\_\_\_\_



## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41 (a) Write down any **two** importance of keeping the body clean.

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

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

(b) Mention any **two** skin diseases that result from poor personal hygiene.

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

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

42(a) Apart from "air has weight", mention any other **two** properties of air.

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

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

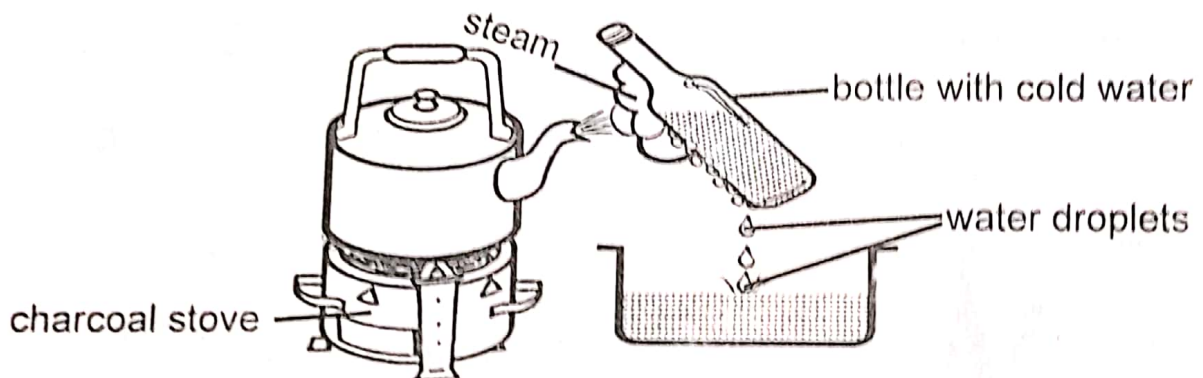
(b) Name the component of air that enables people;

(i) to put out fire \_\_\_\_\_

(ii) in burning rubbish \_\_\_\_\_

43. The diagram below is of an experiment carried out by primary four pupils.

Study and use it to answer the questions that follow.



(a) What is the experiment above about?

\_\_\_\_\_

(b) What does the stove represent in the above experiment?

\_\_\_\_\_

(c) State the use of cold water in the bottle.

\_\_\_\_\_

(d) Name the physical process that takes place in the kettle when the water is boiling.

\_\_\_\_\_





44(a) Mention any **two** effects of accidents at home.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

(b) How are accidents controlled from children at home?

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

45 (a) Mention any **two** reasons why people keep domestic animals.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

(b) Write any **two** examples of domestic animals that promote people with milk.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

46. Complete the table correctly.

Body organ	Use
i) _____	feeling
ear	ii) _____
iii) _____	tasting
nose	iv) _____

47 (a) What is food preservation?

\_\_\_\_\_

(b) Write any **one** example of food that is preserved by smoking.

\_\_\_\_\_

(c) Apart from smoking, mention any **two** other ways of preserving food.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

48(a) Which type of germination makes a cotyledon to come out of soil?

(b) Which system of a plant develops first during germination?

(c) Write any **two** conditions necessary for seed germination to occur.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_



49(a) Name any **two** weather instruments found at a weather station.

(i) \_\_\_\_\_  
(ii) \_\_\_\_\_

(b) In which units is rainfall measured?

(c) Why is a Stevenson Screen painted white?

50(a) Mention any **one** agent of pollination.

(b) State any **two** parts of a flower involved in the process of pollination.

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

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

The diagram below is of two flowers. Study it and answer the question that follows.



(c) By the help of an arrow, show cross pollination.

51(a) Give the meaning of the term "soil profile".

\_\_\_\_\_

(b) State **two** human activities that can lead to soil erosion.

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

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

(c) Give **one** characteristic of sand soil.

\_\_\_\_\_

52 (a) Write down any **two** parts of the body found on the head.

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

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

(b) How are legs useful to a P.4 child?

\_\_\_\_\_

(c) What should a P.4 child do after visiting a latrine?

\_\_\_\_\_



53 (a) Draw any **two** items used to clean the teeth.

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(b) Write any **two** activities done to keep the teeth clean.

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

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

54. Match the crop growing activities in list A to their meanings in list B.

**List A**

pruning  
thinning  
gap filling  
mulching

**List B**

replacement of seeds that fail to germinate  
removal of excess leaves and branches from a plant  
covering of top soil with dry plant materials  
removal of excess number of plants from the garden

(i) pruning \_\_\_\_\_

(ii) thinning \_\_\_\_\_

(iii) gap filling \_\_\_\_\_

(iv) mulching \_\_\_\_\_

55(a) Give any **two** ways HIV/AIDS is spread among people.

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

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

(b) State any **two** ways of caring for an HIV/AIDS patient.

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

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

