

THE SIPRO END OF TERM I 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 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* 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
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
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** non-living component of the environment.
2. Give any **one** way of controlling mosquitoes at home.
3. Which type of root system does a millet plant have?
4. How useful is the skin to a P.4 pupil?
5. Mention the type of soil with the finest soil particles.
6. Write any **one** disease that results from poor personal hygiene.
7. Name the type of germination where the cotyledon remains below the ground.
8. State **one** way of caring for teeth in humans.
9. Give **one** natural cause of changes in the environment.
10. How can the spread of ringworm be controlled among infants?

The diagram below shows a crop pest. Study and use it to answer questions 11 and 12.



11. Name the crop pest drawn above.
12. State **one** effect of the crop pest drawn above to crops.
13. Write any **one** item sold in a shop and is measured in litres.
14. Name the source of solar energy in the environment.



15. In which one way is water important in the environment?

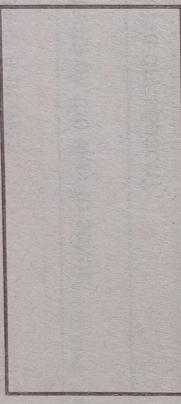
16. Which property of air enables a person to drink soda with a straw?

17. Give any one importance of keeping records on a crop farm.

18. Mention any one liquid foodstuff commonly eaten at your home.

19. How can immunisable diseases be controlled in our community?

20. In the space provided below, draw the garden tool used for watering crops.



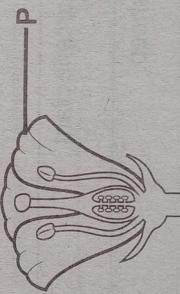
21. Give any one way of protecting domestic animals in our environment.

22. Name the element of weather that is a sure sign of rain.

23. In which one way can a P.4 pupil save electricity at home?

24. Write any one living component found in our environment.

The diagram below is of a flower. Study and use it to answer question 25.



25. Name part marked with letter P.

26. State the importance of cotton wool to a First Aider.



27. Mention any one material used in promoting personal hygiene.

28. Give any one component of soil.

29. Write any one quality of a good home.

30. Which domestic animal helps in controlling rats in a home?

31. Name the most dangerous stage in the lifecycle of a housefly.

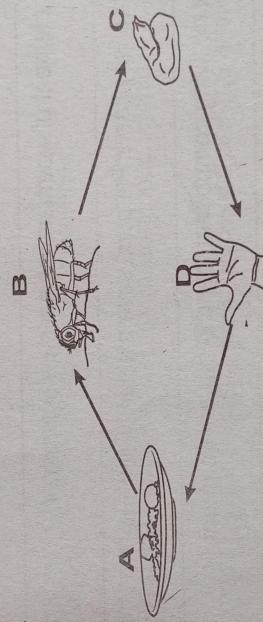
32. State any one way of controlling the spread of diarrhoea at home.

33. Mention any one common disease in a home.

34. Give one way of controlling accidents on the way to school.

35. Why do farmers harvest crops in the dry season?

The diagram below shows 4 fs germs path. Study and use it to answer question 36.



36. Name the stage marked with letter D.

37. State any one use of roots to a sugarcane plant.

38. Mention any one product got from sheep.

39. What does letter "P" stand for in PIASCY?

40. Name the weather instrument that measures the depth of rainwater in the soil.



4

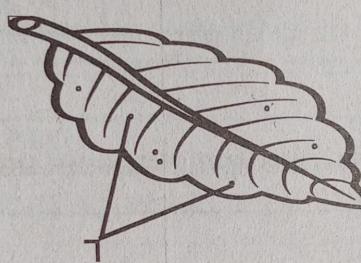
4

c) Give any one function of leaves to a plant.

b) How is part marked with letter L important to a leaf?

(i) R

a) Name the parts marked with letters R and L.



that follow.

43. The diagram below is of a leaf. Study and use it to answer the questions

c) How is weather forecasting useful to crop farmers?

(ii)

(i)

b) Write any two activities done by farmers in the dry season.

42. a) Apart from the dry season, name the other season of the year.

c) Give any one way of caring for birds in the environment.

(ii)

(i)

b) Mention two examples of wild birds.

41. a) What does a bird use to pick food?

Questions 41 to 55 carry four marks each.

SECTION B: 60 MARKS

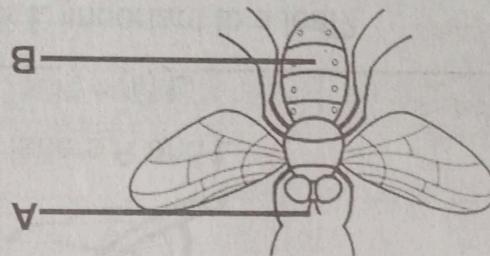


c) Use a label and letter W to show the part that an insect uses for flying.

b) What is the function of part labelled A on a bee?

i) B _____ (ii) A _____

a) Name the parts labelled with letter B and letter A.



questions that follow.

47. The diagram below shows an insect. Study and use it to answer the

(iii)

(ii)

b) Write two importance of food in the body.

(iii)

(ii)

(i)

46.a) Mention any two classes of food in our environment.

(iii)

(ii)

(i)

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

(iii)

(ii)

(i)

45. a) Mention any two examples of people-made changes in the environment.

(iii)

(ii)

(i)

b) Give any two ways of controlling common vectors at home.

(iii)

(ii)

(i)

44. a) Mention any two harmful insects which are vectors to people.



- b) State other two ways of caring for the soil apart from practising crop rotation.
- i)
ii)
iii)
- b) Give two importance of practising crop rotation in the garden.
- i)
ii)
iii)

First Aid kit	Use
bandage	For killing germs on the wound.
safety pin	For carrying a casualty who cannot walk.

51. Study and complete the table below correctly.

- c) Besides painting, give one other way of caring for garden tools.
- i)
ii)
iii)
- b) How does painting of metallic garden tools prevent rusting?
- i)
ii)
iii)
- a) Write any two garden tools used by crop farmers in harvesting millet.
- i)
ii)
iii)
- b) State any two ways of controlling soil erosion in your school compound.
- i)
ii)
iii)
- a) Mention any two agents of soil erosion.
- i)
ii)
iii)

- c) Why should a rain gauge be placed in an open area?
- i)
ii)
iii)
- b) Give the use of a wind vane at a weather station.
- i)
ii)
iii)
- a) Name any two delicate weather instruments kept in a Stevenson screen.

c) State any one danger of poor sanitation in a classroom.

b) Give any one way P.4 pupils can promote sanitation in their classroom.

i)

ii)

iii)

55.a) Mention any two items used in the promotion of sanitation.

i)

ii)

iii)

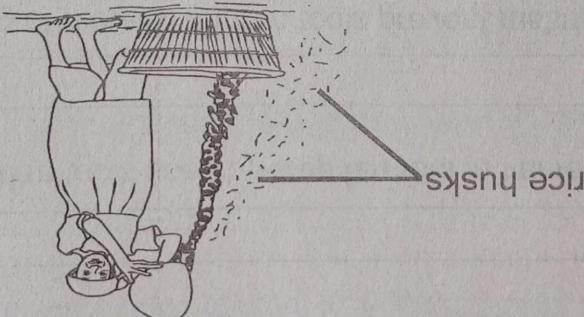
activity.

c) Apart from rice seeds, name two other seeds cleaned using the above

rice.

b) Which type of weather enables the above P.4 child to remove the husks from

a) Identify the activity shown in the diagram above.



seeds. Study and use it to answer the questions that follow.

54. The diagram below shows a P.4 child separating rice husks from rice

c) Mention any one non-living agent of pollination.

iii)

i)

ii)

b) State two characteristics of insect pollinated flowers.

B
A
N
O
I

53. a) Give the meaning of the term "pollination".