

# 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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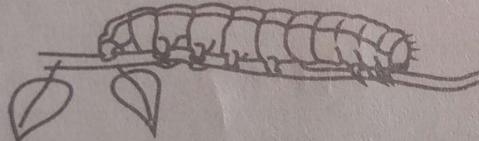
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**SECTION A: 40 MARKS**

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.

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P.4 INTEGRATED SCIENCE END OF TERM I EXAMINATIONS 2024

INTL. THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

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

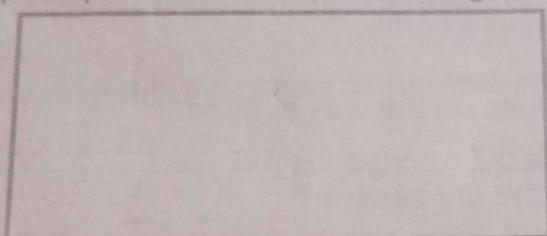
16. Which property of air enables a person to drink soda with a straw?

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.



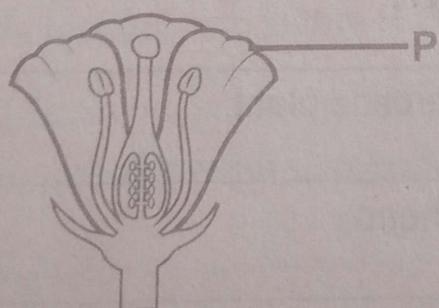
21. Give any one way of protecting domestic animals in our environment.

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.

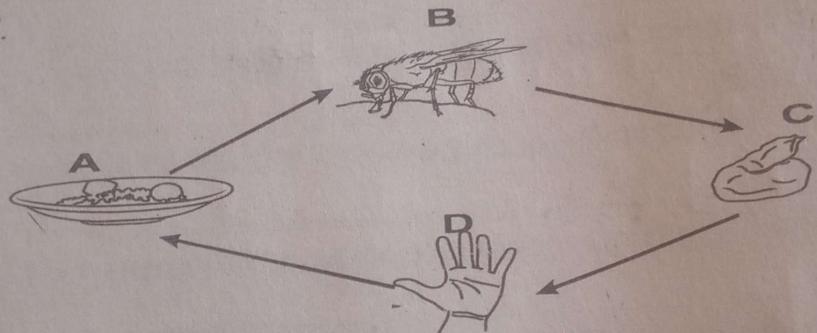
32. State any one way of controlling the spread of diarrhoea at home.

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 4fs 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.



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**P4 INTEGRATED SCIENCE END OF TERM I EXAMINATIONS 2024**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

**SECTION B: 60 MARKS**

Questions 41 to 55 carry four marks each.

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

b) Mention two examples of wild birds.

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

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

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

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

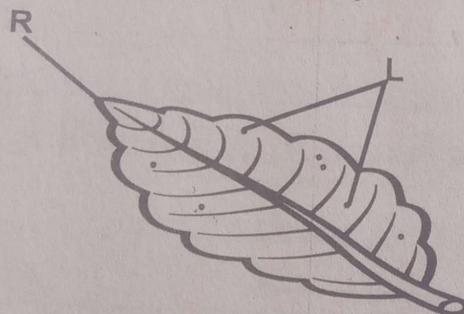
b) Write any two activities done by farmers in the dry season.

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

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

c) How is weather forecasting useful to crop farmers?

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

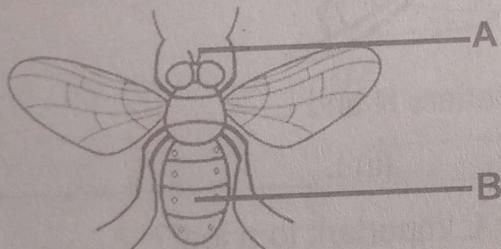
ii) \_\_\_\_\_

b) Write two importance of food in the body.

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

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

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



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

i) B \_\_\_\_\_ (ii) A \_\_\_\_\_

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

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



48.a) Name any two delicate weather instruments kept in a Stevenson screen.

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

b) Give the use of a wind vane at a weather station.

c) Why should a rain gauge be placed in an open area?

49.a) Mention any two agents of soil erosion.

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

b) State any two ways of controlling soil erosion in your school compound.

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

50.a) Write any two garden tools used by crop farmers in harvesting millet.

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

b) How does painting of metallic garden tools prevent rusting?

- c) Besides painting, give one other way of caring for garden tools.

51. Study and complete the table below correctly.

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

52.a) Give two importance of practising crop rotation in the garden.

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

b) State other two ways of caring for the soil apart from practising crop rotation.

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

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**P.4 INTEGRATED SCIENCE END OF TERM I EXAMINATIONS 2024**  
KNOWLEDGE, CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

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

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b) State two characteristics of insect pollinated flowers.

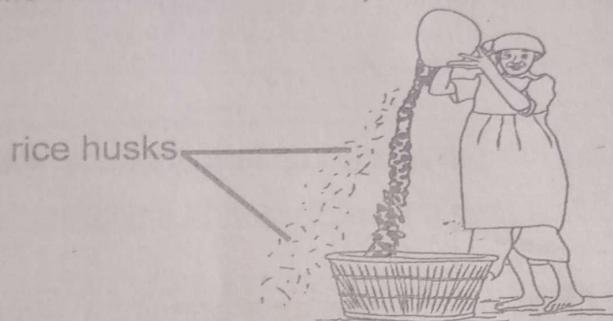
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- i) \_\_\_\_\_  
ii) \_\_\_\_\_

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

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54. The diagram below shows a P.4 child separating rice husks from rice seeds. Study and use it to answer the questions that follow.



a) Identify the activity shown in the diagram above.

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

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

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

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

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

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

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

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