

THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY FIVE

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. Write down any **one** bird people keep in their homes.

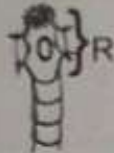
2. State the reason why a stretcher is not kept in a first aid box.

3. In which way can caterpillars be dangerous to crop farmers?

4. Name any **one** of example an insect vector.

5. What enables moths to pollinate flowers at night?

The diagram below is of a parasite. Study and use it to answer question 6.



6. What general name is given to part R on the diagram above?

7. Give any **one** condition that may make rabbits to become sick on a farm.

8. Why should an accident victim be taken to the hospital?

9. Mention **one** way food can be prevented from going bad.

10. State the reason why carbon dioxide is used in a fire extinguisher.

11. Which part of a plant mainly carries out transpiration?

12. Give any **one** way of caring for home utensils.

The diagram below is of a constructed home of an animal. Study and use it to answer questions 13 and 14.



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13. Identify the animal habitat shown in the diagram above.

14. Write down any **one** activity done in the animal home shown above to keep it clean.

15. Name any **one** plant whose seeds are first planted in a seed bed.

16. State the importance of a broom in a home.

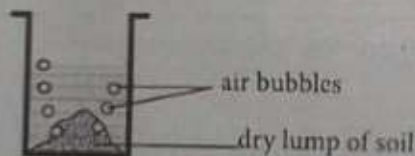
17. Mention the first type of teeth to develop in babies.

18. Give **one** importance of maggots in a pit latrine.

19. Write down any **one** example of wood fuel.

20. Name **one** example of an animal that moves by gliding.

The diagram below shows an experiment that was carried out by a P.3 pupil.
Study and use it to answer question 21.



21. What does the experiment above show about soil?

22. Mention the characteristic that makes living things to increase in number.

23. How are prop roots useful to a maize plant?

24. State **one** danger of looking at direct sunshine.

25. Mention the breeding place for mosquitoes in our local environment.

26. Which part of a flower contains ovules?

27. Mention the class of food that boosts our body immunity.

28. Write down any **one** activity done at home by the help of clean water.

29. State **one** danger of playing with sharp objects.

30. Name the type of germination where the cotyledons remain inside the soil.

31. In which way are earthworms important in soil?

32. Name the disease in humans controlled by spraying adult tsetse flies.

The diagram below shows a process involved in a water cycle. Study and use it to answer question 33.



33. Name the process represented in the diagram above.

34. Give any **one** way of preventing garden tools from rusting.

35. Apart from rain, write down any other natural source of water.

36. State **one** disease spread when we drink contaminated water.

37. What do fish use to sense movements in water?

38. Which type of soil is used for modelling ceramics?

39. Which gas do plants provide to people during photosynthesis?

40. Name the insects that provide honey to people.



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) Give the meaning of the term food.

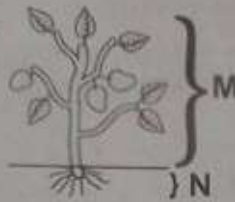
b) Mention **two** importance of food to our bodies.

i) _____

ii) _____

c) Write **one** source of food in our local environment.

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



a) Identify the plant systems shown by letters **M** and **N** on the diagram above.

i) **M** _____

ii) **N** _____

b) Give any **two** ways of caring for crops in the garden.

i) _____

ii) _____

43. a) State any **one** cause of common accidents in our community.

b) Mention any **two** injuries people get when involved in an accident.

i) _____

ii) _____

c) Why are accident victims given first aid?

44. a) What is seed germination?

b) How is water useful during seed germination?

c) Write down any **two** other conditions needed for seed germination.

i) _____

ii) _____



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45. a) Name any **two** types of soil erosion in our environment.

i) _____

ii) _____

b) State any **two** ways of controlling soil erosion in hilly areas.

i) _____

ii) _____

46. The diagram below shows an activity done to control easy spread of common diseases. Study and use it to answer the questions that follow.



a) Identify the activity shown in the diagram above.

b) State any **two** importance of carrying out the above activity.

i) _____

ii) _____

c) Name any **one** disease controlled by the activity shown in the diagram above.

47. a) Name any **two** exotic breeds of rabbits.

i) _____

ii) _____

b) Mention the rabbit disease that makes them to;

i) pass out yellowish diarrhoea.

ii) scratch their ears.

48. a) Give the importance of these body organs to people;

i) heart _____

ii) liver _____

b) State any **two** habits that may put our body organs in danger.

i) _____

ii) _____



49. The diagram below shows an instrument used in hospitals. Study and use it to answer the questions that follow.



a) Identify the medical tool shown in the diagram above.

b) How is the tool shown above useful to a doctor?

c) Apart from the instrument drawn above, name **two** other medical instruments used by health workers in hospitals.

i) _____

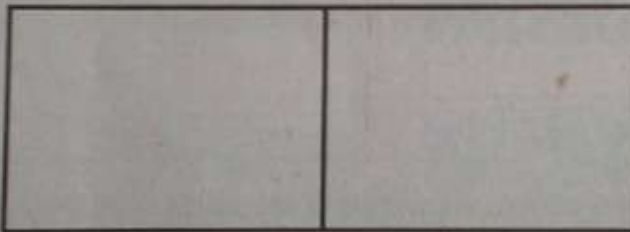
ii) _____

50. a) Mention any **two** examples of domestic animals.

i) _____

ii) _____

b) In the spaces below, draw any **two** products got from animal skins.



51. a) Name the type of pollination that takes place in pawpaw plants.

b) Mention any **one** agent of pollination.

c) What happens to these parts of a flower after fertilization?

i) ovules _____

ii) ovary _____

52. a) Name the method of soil formation that involves breaking down of rocks.

b) Write down any **two** types of soil in our environment.

i) _____

ii) _____

c) State **one** way of strengthening things made from soil.

53. a) Name the main source of heat and light energy in our environment.

b) State any **two** uses of electricity to people.

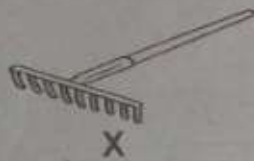
i) _____

ii) _____

c) Give any **one** way of harvesting rainwater in our homes.

54. The diagrams below show items used to keep our school compound clean.

Study and use them to answer the questions that follow.



a) State the importance of each of the items drawn above.

i) X: _____

ii) Y: _____

b) Give any **two** reasons why people should keep the school compound clean.

i) _____

ii) _____

55. Match these animals in *list H* to their weapons in *list J*.

H: Animals	J: Their weapons
snake	claw
bull	spur
rabbit	fangs
cock	horns

i) snake _____

ii) bull _____

iii) rabbit _____

iv) cock _____

