

# THE SIPRO BEGINNING OF TERM II 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 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;

PAGES	MARKS	INITIALS
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Page 2		
Page 3		
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Page 6		
Page 7		
Total		

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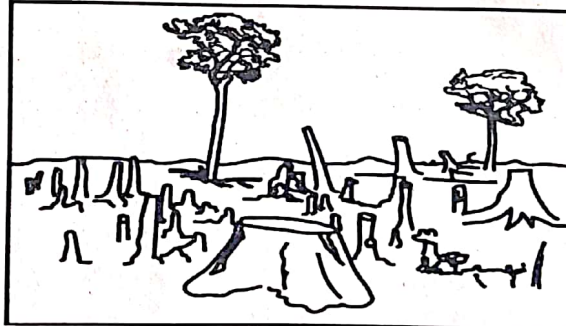
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## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name **one** example of a wild animal that lives in water.  
\_\_\_\_\_
2. State the poultry product used as manure in a crop garden.  
\_\_\_\_\_
3. Mention any **one** way crop farmers can keep their metallic garden tools in proper working conditions.  
\_\_\_\_\_
4. Why is a brick regarded as a regular object?  
\_\_\_\_\_
5. State **one** characteristic of dicotyledonous seeds.  
\_\_\_\_\_
6. Give **one** reason why we should keep our bodies clean.  
\_\_\_\_\_
7. How is the sun useful to a P.5 child who has just washed her uniform?  
\_\_\_\_\_

The diagram below shows a common human activity. Study and use it to answer questions 8 and 9.



8. Name the human activity taking place in the diagram above.  
\_\_\_\_\_
9. How can such a change be controlled in the environment?  
\_\_\_\_\_
10. State the immunisation site for measles vaccine.  
\_\_\_\_\_
11. Why should family members be fed on a balanced diet?  
\_\_\_\_\_
12. Mention any **one** way of controlling indigestion in human beings.  
\_\_\_\_\_





13. Name any **one** item people use during bathing.

14. Write any **one** example of a liquid that floats when mixed with water.

15. In which **one** way can prepared food get contaminated?

16. State **one** danger of strong wind in the environment.

17. On which body part is the nose located?

18. State a reason why a cockroach is regarded as an insect.

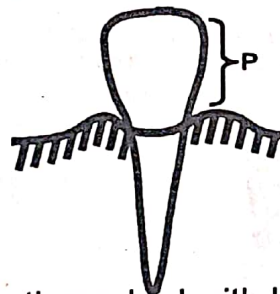
19. Name the vaccine that is injected to severely cut victims.

20. State the importance of legumes in the crop rotation cycle.

21. Why is it dangerous to clean ears using sharp objects?

22. What can be done by apiarists to encourage bees to enter new beehives?

**The diagram below shows regions of the human tooth. Study and use it to answer questions 23 and 24.**



23. Name the region of a tooth marked with letter P.

24. Which type of tooth is illustrated in the diagram above?

25. Mention **one** danger of living in a dirty environment.

26. Why is it advisable to carry hot saucepans with pieces of cloth and papers?

27. State **one** advantage of rearing rabbits over other domestic animals.



28. Give **one** way of caring for HIV/AIDS patients.
29. State **one** importance of a child health card to parents.
30. Which reason do people making bricks give for sun drying them?
31. Name **one** example of a foodstuff that is prepared with the help of a mortar and a pestle.
32. Mention any **one** activity done by poultry farmers to control poultry vices on their poultry farms.
33. Define the term vector.
34. Which force enables raindrops reach the earth?
35. Name **one** example of a poisonous substance in a home.
36. Which item in a home is used for refrigeration of food.

The diagram below shows a sign of a common disease. Study and use it to answer question 37.



37. Name **one** disease that makes an individual get the sign illustrated above.
38. Which physical process in clouds helps in the formation of raindrops?
39. Why is it important for a poultry farmer to keep farm records?
40. Name the soil component formed by decomposition of organic matter.





## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) Name the element of weather common in a wet season.

b) Apart from planting, name **two** other activities done during the wet season.

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

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

c) Give a reason why planting is done during the wet season.

42. a) Mention any **two** ways in which an adult can acquire natural immunity.

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

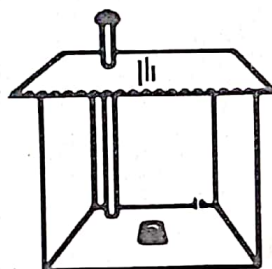
ii) \_\_\_\_\_

b) Write any **two** causes of low immunity among people.

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

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

43. The diagram below shows a common structure in most homes. Study and use it to answer the questions that follow.



a) Name the structure drawn in the diagram above.

b) Why should every home have such a structure?

c) State any **two** ways of keeping the structure shown above clean.

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

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

44. a) In which part of the digestive system do the following take place?

i) absorption of digested food \_\_\_\_\_

ii) absorption of water \_\_\_\_\_

b) Give **two** things a P.5 child can do to keep the digestive system in a proper working condition.

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

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



45. a) Mention **two** methods of preserving food that require the use of heat.

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

b) State any **two** reasons why people preserve food.

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

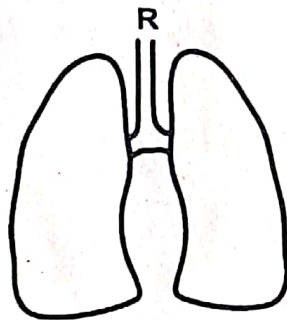
46. a) Name **two** types of teeth that have cusps and ridged enamels.

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

b) State the effect of these habits to teeth;

- i) eating many sweet foodstuffs \_\_\_\_\_
- ii) opening soda bottles using teeth \_\_\_\_\_

47. The diagrams below show body organs. Study and use them to answer the questions that follow:



a) Name the body organs marked with letters **R** and **S**.

- (i) **R** \_\_\_\_\_ (ii) **S** \_\_\_\_\_

b) Give the function of the above body organs.

- (i) **R** \_\_\_\_\_
- (ii) **S** \_\_\_\_\_

48. a) Write any **two** examples of fuels in the environment.

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

b) Which **two** forms of energy are given off by fuels when burnt?

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





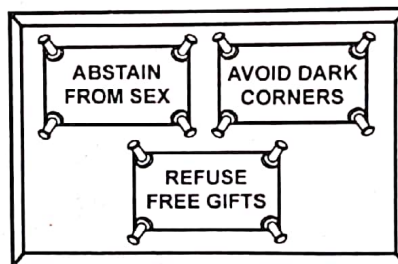
49. During an experiment, a stone of mass 28g was placed in a measuring cylinder with 20cc of water, and it displaced 4cc of water.

a) Write the new level of water in the measuring cylinder.

b) Which method of finding the volume of objects was used in the experiment above?

c) Calculate the density of the stone used in the experiment above. (02 marks)

50. The diagram below shows a school noticeboard with displayed messages. Study and use it to answer the questions that follow.



a) What name is given to the messages displayed above?

b) Name the disease that is mainly controlled through such messages.

c) Which group of people in the community mainly benefits from the messages displayed above?

d) Write any **one** other example of such displayed messages.

51. a) Mention any **two** uses of plants to people.

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

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

b) Give **two** ways plants protect themselves from enemies.

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

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



52. a) Name the **two** sections of a modern beehive.

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

b) How is a queen bee stopped from crossing to other sections in a modern beehive?

c) Give **one** reason why apiarists prefer using modern beehives.

53. a) Write any **two** signs and symptoms of worm infestation among children.

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

b) State **two** ways the dangers of intestinal worms can be controlled among children.

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

54. The table below shows garden tools in list M and their functions in list N in a wrong order.

M: Garden tools	N: Uses
trowel	for spacing crops
tape measure	for turning manure
forked hoe	for transplanting
garden fork	for digging rocky areas

**Match the garden tools shown in the above to list their functions.**

- a) trowel \_\_\_\_\_
- b) tape measure \_\_\_\_\_
- c) forked hoe \_\_\_\_\_
- d) garden fork \_\_\_\_\_

55. a) State the difference between sanitation and personal hygiene.

\_\_\_\_\_

b) Write **two** insect vectors that increase in the environment due to poor sanitation.

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

c) Apart from promoting sanitation, give **one** way of controlling insect vectors in the environment.

\_\_\_\_\_

