

# THE SIPRO BEGINNING OF TERM I EXAMINATIONS - 2025

## PRIMARY SEVEN INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.						Personal No.		

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Random No. \_\_\_\_\_

District ID: \_\_\_\_\_

### 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
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
Page 9		
Total		

Please turn over



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## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Which physical process takes place in the water source during the water cycle?

2. Write any one quality of a good rabbit hutch.

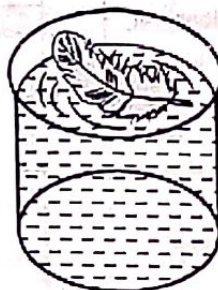
3. Give any one early sign of pregnancy in an expectant mother.

4. How is a worker bee able to carry nectar from flowers?

5. In which one way can a mother prevent poisoning among family members especially children?

6. Why should a ventilated improved pit latrine have a screen?

The diagram below shows a feather in a bucket full of water. Study and use it to answer questions 7 and 8.



7. Why does the feather behave as shown in the diagram above?

8. Name any one other object which behaves in the same way as the feather shown in the diagram above.

9. What first aid can be administered to a P.3 child who has pushed a bean seed into the ear?



10. Apart from houseflies, name **one** other insect vector that undergoes four stages of development.

11. Why is a cat regarded as a domestic animal?

12. Where on the body of a baby is DPT vaccine injected?

13. State a reason why drinking distilled water is not recommended for one's health.

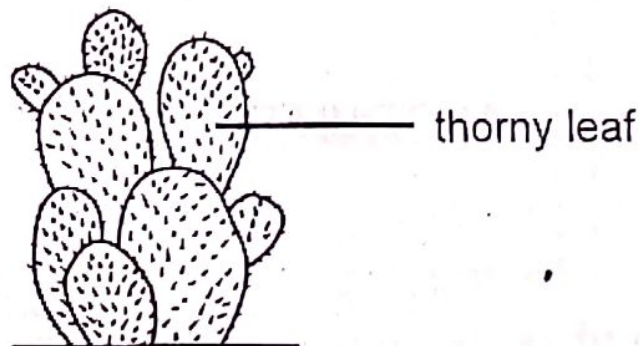
14. Mention any **one** practice done by human beings as a way of easing digestion.

15. How is a woollen sweater useful in the management of rainy weather?

16. What happens to the amount of oxygen in inhaled air as it reaches the air sacs?

17. Give any **one** danger of pouring old engine oil on the soil in a crop garden.

**The diagram below is of a cactus plant. Study and use it to answer question 18.**

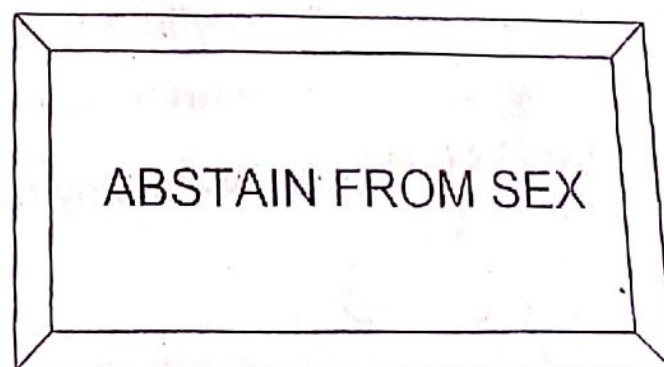


18. How is the plant drawn above adapted to growing in dry areas?



19. Which communicable disease leads to the passing out of blood stained diarrhoea?
20. Mention any one way-plants-with-weak-stems-climb-others.
21. Write any one practice done to conserve animals which use water as their habitat.
22. Why is it necessary to feed weaning babies on protein foodstuffs?
23. Give one characteristic common to seeds dispersed by wind.
24. State one way some fungi are dangerous to people.
25. What reason do crop farmers give for raising the granary above the ground?
26. What term refers to the written information on laboratory made drugs?
27. Why should porridge be cooled before serving it to children at school?

The diagram below shows a message pinned to the school noticeboard. Study and use it to answer questions 28 and 29.



28. To which group of messages does the one drawn above belong?





29. How is the information displayed above important to school children?

30. Give any **one** way of increasing the volume of blood in the human body.

31. Why is the tethering method of rearing goats commonly practised in rural areas?

32. In which **one** way does cloudy weather affect the people in the environment?

33. Name any **one** example of a traditional string musical instrument.

34. Write any **one** natural disaster that leads to malnutritional diseases.

35. Mention any **one** digestive process which takes place in the ileum.

36. How are amphibians important in the control of insect-borne diseases?

37. Why do most poultry farmers keep laying nests in dark corners within a poultry house?

38. Name **one** life skill that can help adolescents to prevent drug abuse.

39. In which **one** way are pineapples propagated?

40. State **one** way of controlling soil erosion in hilly areas.

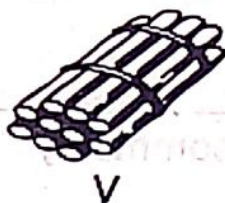


## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. Below are diagrams showing two examples of wood fuel.

Study and use them to answer the questions that follow.



(a) Name the examples of wood fuel shown in the diagrams above.

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

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

(b) State any **two** ways the use of wood fuel can be limited in a home.

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

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

42. Study the lists of animals given below to answer the questions about them.

A	B	C
millipede centipede	housefly tsetse fly butterfly	spider tick mite

(a) To which group of invertebrates do the animals listed above belong?

(b) How is a tick different from other animals in group C in terms of breathing?

(c) State any **one** characteristic in terms of body structure, common to animals in groups B and C.

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

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



Write PHC in full.

(b) Mention any **two** principles of PHC.

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

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

(c) State **one** role of a family in promoting PHC.

44(a) Give **one** example for each of the following types of changes;

(i) chemical changes: \_\_\_\_\_

(ii) physical changes: \_\_\_\_\_

(b) State **one** human activity that involves each of the following changes.

(i) chemical change \_\_\_\_\_

(ii) physical change \_\_\_\_\_

45(a) Which type of weak stem exists in the following crops?

(i) sweet potato \_\_\_\_\_

(ii) passion fruit plant \_\_\_\_\_

(b) Write any **two** functions of stems to plants.

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

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

46. The diagram below shows part of the respiratory system.

Study and use it to answer the questions that follow.



(a) State the respiratory function of the part drawn in the diagram above.

(b) Give **two** adaptations of the part drawn above to its function.

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

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

(c) Name **one** thing that happens to inhaled air in the nose.

47(a) State the difference between shearing and docking as used in sheep farming.

(b) Give two ways of preventing sheep from getting diseases on a sheep farm.

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

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

(c) Which farm tool is used for shearing on a sheep farm?

48(a) Write any **two** practices done to promote the health of teeth in human beings.

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

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

(b) Name any **two** diseases that may affect teeth when kept in poor hygiene.

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

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

49. Annet accidentally poured sand in her salt. Given the following items: source of heat, container, water, saucepan, spoon and a sieve, explain in four sentences, how Annet can recover her salt from sand.

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

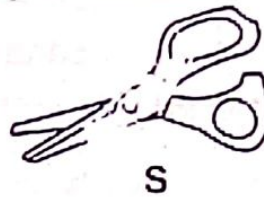
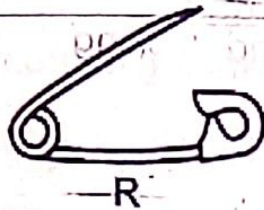
(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

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



50. Below are diagrams showing examples of first aid kit. Study and use them to answer the questions that follow.



(a) Name the first aid kit labelled R and S.

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

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

(b) Give the function for each of the tools drawn above.

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

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

51(a) Name any one garden tool used for the following farm activities;

(i) digging rocky soil \_\_\_\_\_

(i) digging holes when fencing the farm \_\_\_\_\_

(b) In which **two** ways can a crop farmer keep his metallic garden tools in proper working order?

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

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

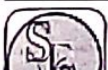
52(a) Why are breastfeeding babies likely to get anaemia?

(b) What term is used to mean the introduction of semi-solid food to breastfeeding babies?

(c) Give any **two** reasons why a mother may be forced to practice bottle feeding.

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

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



53(a) Write any **two** causes of teenage pregnancy in teenage girls.

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

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

(b) Give any **two** ways parents can safeguard their girls from teenage pregnancy

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

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

54(a) Mention any **two** examples of tuber crop pests.

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

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

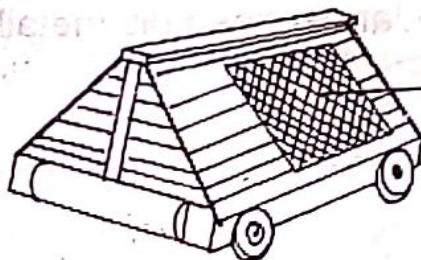
(b) Give **one** characteristic of tuber crop pests.

\_\_\_\_\_

(c) Mention **one** crop growing practice which controls tuber crop pests in a garden.

\_\_\_\_\_

55. The diagram below is of a rabbit hutch. Study and use it to answer the questions that follow.



(a) Name the type of hutch shown in the diagram above.

\_\_\_\_\_

(b) Give the function of part marked with letter M.

\_\_\_\_\_

(c) State **one** disadvantage of using the hutch drawn above.

\_\_\_\_\_

(d) Why should the hutch drawn above be kept clean?

\_\_\_\_\_

