

THE SIPRO BEGINNING OF TERM III 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/crossing* 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;

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Total		

Please turn over



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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name **one** body part that can be kept clean using a bathing sponge.

2. Mention **one** poultry product got without killing the bird.

3. How is humus useful in the soil?

4. Mention **one** plant that carries out cross pollination.

5. By what method can a mixture of cooking oil and water be separated?

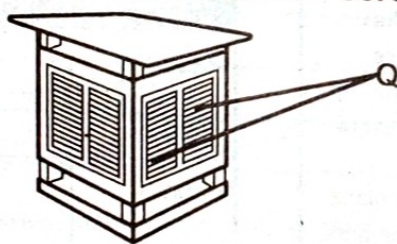
6. Give any **one** problem faced by crop farmers before they harvest their crops.

7. In which **one** way is rain useful in the environment?

8. Mention **one** way the human body acquires artificial immunity.

9. Why are we always advised to keep our body parts clean?

The diagram below shows a Stevenson screen. Study and use it to answer question 10



10. State the importance of part marked Q.

11. Mention any **one** example of a body protective foodstuff.

12. How is saliva useful during the digestion of food?

13. State any **one** way birds move from one place to another.

14. Give any **one** way of keeping a toothbrush clean.

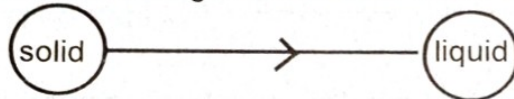


15. Mention **one** example of a soil organism.

16. In which **one** way is food contamination dangerous to people?

17. Give **one** way in which some plants cause danger to human beings.

18. Name the change of state illustrated below with the arrow.



19. Why do people always wear white clothes during hot weather?

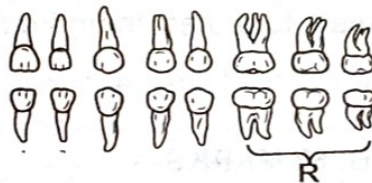
20. Give **one** function of the tongue as a human body organ.

21. What do we call the young one of a sheep?

22. Mention **one** role of young farmers' club in schools.

23. State **one** effect of HIV/AIDS to an individual.

The diagram below shows the human dentition. Study and use it to answer question 24.



24. State the importance of teeth marked R.

25. Apart from bacilli bacteria, name any **one** other type of bacteria.

26. In which **one** way can the spread of germs be controlled at home?

27. How important is it to always save energy at home?

28. Besides being a source of carbohydrates, how else is honey useful to people?

29. Mention any **one** example of accidents that happen to pupils on their way to school.



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

30. State **one** way of preventing roundworm infestation in people.

31. Give any **one** use of a razor blade as a first aid kit.

32. State the reason that causes petrol to float on water.

33. Write any **one** property of air.

34. Which insect vector spreads elephantiasis to people?

35. State **one** immunisable disease whose vaccine leaves a scar on the body.

36. What danger can one face by eating expired foods?

37. Name **one** habitat where wild animals can be found.

38. Why are vitamins and mineral salts not digested in the human body?

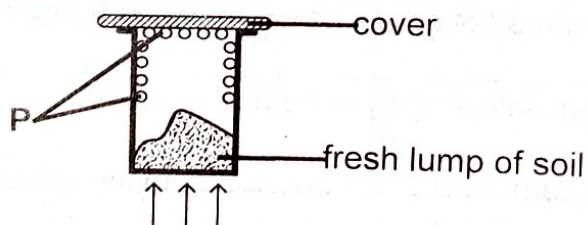
39. Name **one** foodstuff rich in proteins.

40. Give **one** practice done by rabbit farmers to protect them from internal parasites.

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each

41. The diagram below shows an experiment carried out to show that soil contains one of its components. Study and use it to answer questions that follow.



- a) Identify the component that was found to be in soil using the above experiment.

- b) What do the arrows represent in the diagram above?



c) By what process are structures marked 'P' formed?

d) How is the cover useful in the above setup?

42. a) What is soil fertility?

b) State any **two** ways of maintaining soil fertility.

i) _____

ii) _____

c) How does soil erosion affect soil fertility?

43. a) State any **two** reasons why rabbit farmers keep farm records.

i) _____

ii) _____

b) Mention any **two** types of records kept by rabbit farmers.

i) _____

ii) _____

44. a) Apart from severe diarrhoea, name any **one** other cause of dehydration in humans.

b) Give any **two** signs of a dehydrated child.

i) _____

ii) _____

c) Name any **one** practice that can help us to prevent dehydration in babies.



45. The diagram below is a common device used by health workers. Study and use it to answer the questions that follow.



- a) State the use of the above device to health workers.

- b) What liquid is used in the above device?

- c) Why is space left in part marked S?

- d) If the above device was put in the armpit of a person and showed a normal human body temperature; State the temperature reading it showed.

46. a) How is a stretcher useful in the administration of first aid?

- b) Name **one** accident that needs the use of a stretcher.

- c) Why can't a stretcher be kept in a first aid box?

- d) Apart from a stretcher, name any **one** other first aid tool not kept in a first aid box.

47. a) State any **two** uses of food in the body.
i) _____
ii) _____
- b) State any **two** ways of keeping food free from germs.
i) _____
ii) _____
48. a) Mention any **two** components of a clean home.
i) _____
ii) _____
- b) Give any **two** dangers of poor sanitation.
i) _____
ii) _____



49. a) Give any **two** examples of tuber crop pests.

i) _____

ii) _____

b) State **one** characteristic of tuber crop pests.

c) Mention **one** way of controlling crop pests that attack tuber crops.

50. Tooth decay is one of the tooth diseases:

a) Name the type of germ that causes it.

b) Give **one** sign of tooth decay.

c) State any **two** ways school children can control tooth decay.

i) _____

ii) _____

51. Below is a list of some objects. Study and use it to answer the questions that follow.

shoes, bricks, keys, books

a) Identify **one** object from the list above which is:

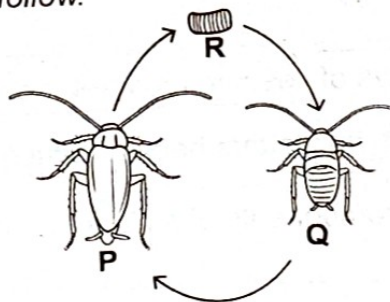
i) irregular _____

ii) regular _____

b) What method is used to find the volume of shoes?

c) How are shoes similar to stones in terms of their shapes?

52. The diagram below shows the life cycle of a common vector. Study and use it to answer the questions that follow.



a) Identify the vector whose life cycle is drawn above.

b) Name the stage marked with letter P.



c) How is stage marked **P** different from the one marked with letter **Q**?

d) State **one** way in which stage marked **Q** is dangerous to human beings.

53. a) In which **two** ways are bacteria useful to people?

i) _____

ii) _____

b) Give **one** example of a useful bacterium to people.

c) What kind of crops have useful bacteria in their roots?

54. The table below shows information about immunisable diseases. Study and complete it correctly.

Disease	Vaccine	Age
Tuberculosis	BCG	_____
_____	DPT	6, 10, 14 weeks
Measles	_____	9 months
Polio	Polio vaccine	_____

55. a) Name any **two** examples of communicable diseases.

i) _____

ii) _____

b) State any **two** health habits that help to reduce the spread of communicable diseases.

i) _____

ii) _____

