

## THE SIPRO MID - TERM III EXAMINATIONS 2023

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 40 questions (40 Marks)
3. Section B has 15 questions (50 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

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Total		

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**SECTION A : 40 MARKS**

Questions 1 to 40 carry one mark each.

1. Write the food value got from eating fish.
2. State one reason why a cow is regarded as a living thing.
3. In which way does diarrhoea lead to dehydration?
4. Give any one way of taking care of wild animals.
5. Apart from nimbus clouds, name one other type of clouds.
6. Give one danger of sharing clothes with other people.
7. Which component of loam makes it the best for crop growth?
8. State the meaning of the term air.

The diagram below is of a body sense organ. Study and use it to answer question 9.



9. Name the body organ drawn above.
10. In which way may sunny weather be useful to a crop farmer?
11. Name the disease of teeth that mainly damages the gum.
12. Why should metallic garden tools be kept in a dry clean place?
13. Give any one importance of rainy weather to people.
14. How do tapeworms enter our bodies?



15. Name the component of air used by our bodies for respiration.
16. State a reason why a spider is different from a housefly in terms of movement.
17. What name is given to organisms that cause diseases?
18. Mention any **one** deficiency disease that affects the skin.

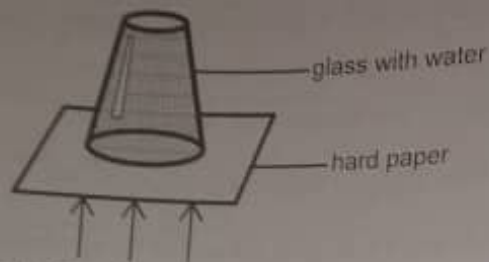
The diagram below shows components of the environment. Study and use it to answer question 19.



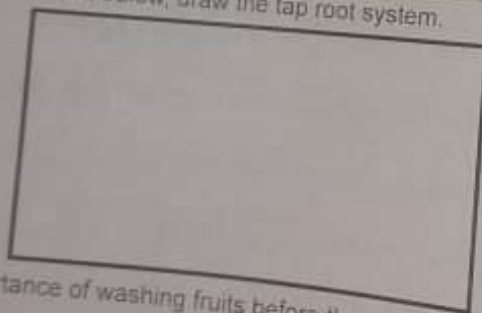
19. State **one** importance of the process represented by the arrows to plants.
20. Name the component of a clean home where people bathe.
21. Mention the process involved in a water cycle that takes place in clouds.
22. State **one** way of keeping well prepared food free from germs.
23. Give the importance of the heart in our bodies.
24. Why is water useful in the body?
25. State the main reason why casualties are given First Aid.
26. Write any **one** way of reducing dust in a classroom with a dusty floor.
27. Mention the domestic animal that lives in the byre.



The diagram below is of a property of air. Study and use it to answer question 28.

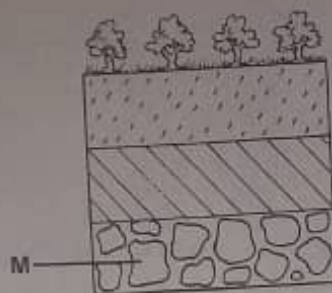


28. Identify the property of air shown in the diagram above.
29. Name any **one** disease controlled through boiling water.
30. State any **one** way animals care for their young ones.
31. Mention **one** member of an extended family.
32. Give the class of food that enables the body to repair worn out body tissues.
33. Write the crop growing practice that keeps water in the soil.
34. In the space provided below, draw the tap root system.



- Give **one** importance of washing fruits before they are eaten.
- Why is anaemia regarded as a non - communicable disease?
- Write **one** item used to clean our teeth.
- Why do passion fruits climb other plants?

The diagram below shows soil layers. Study it carefully and use it to answer question 39.



39. How is layer marked with letter **M** formed?

40. Which common accident mainly affects the bones?

### SECTION B : 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) Name any **one** example of a disease that makes a person to pass out watery stool.

(b) Give **one** danger of such a disease to people.

(c) What can people do in their homes to control such diseases? (give **two** ways)

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

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

42. a) Name the breathing organs for the following living things:

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

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

(b) State any **two** ways of caring for external body organs.

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

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

43. a) State **one** way AIDS spreads among school going children.

(b) Write any **two** ways of caring for a person with AIDS.

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

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

(c) How can a P.4 child protect him/herself from getting/catching AIDS?



44. The diagram below is of a human tooth. Study and use it to answer the questions that follow.



- (a) Name parts on the tooth above marked with letter W and letter S.
- (i) W: \_\_\_\_\_
- (ii) S: \_\_\_\_\_
- (b) State any **one** function of part labelled O on the diagram above.
- (c) Identify the type of tooth shown in the diagram above.
45. a) How many legs does an insect have on its body? \_\_\_\_\_
- (b) Why are wasps regarded as social insects in the environment? \_\_\_\_\_
- (c) Give any **two** uses of insects to people.
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
46. a) Write any **two** types of soil in our local environment.
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (b) In which **one** way are earthworms important in the soil? \_\_\_\_\_
- (c) Give the method of soil formation that involves rotting of organic matter.
47. a) What is seed germination? \_\_\_\_\_
- (b) How are the following conditions important during germination?
- (i) oxygen \_\_\_\_\_
- (ii) warmth \_\_\_\_\_
- (c) Which type of germination takes place in beans? \_\_\_\_\_





Requirements:  
 - Appointment letter  
 - National ID  
 - 2 Passport photos

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48. a) Name any two places where rubbish can be properly disposed of in our community.

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

(b) Mention any two insects common in areas with poor sanitation.

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

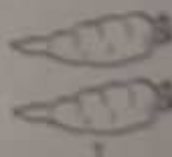
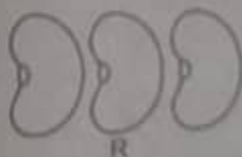
49. a) What name is given to the group of people, who give immediate help to casualties?

(b) Write down any two items found in a First Aid box.

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

(c) Why should a first Aid box be painted with bright colours?

50. The diagrams below show some of the common foodstuffs people eat in their homes. Study and use them to answer the questions that follow.



(a) Identify the classes of food got from eating the foodstuffs shown above.

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

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

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

(b) What name is given to a meal that has all food values in their right amount?

51. a) Mention any two natural causes of changes in the environment.

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

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

(b) State any one people made change in the environment.

\_\_\_\_\_

(c) Give any one way of caring for trees in our local environment.



52. a) Name any one place where people go when they are sick.

(b) Write any two things people do that lead to sickness.

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

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

(c) Name the instrument doctors use to see germs.

53. a) Give the use of sunglasses to people during sunny weather.

(b) Why do farmers usually harvest crops in dry seasons?

(c) State any two dangers of sunny weather in the environment.

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

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

54. a) Name the first type of tooth that grows in the mouth of a baby.

(b) How are canine teeth adapted to their function?

(c) Mention any two disorders of our teeth.

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

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

55. Match these diseases using their pictures below correctly.

goitre

kwashiorkor

marasmus

rickets

