

THE SIPRO MID - TERM I EXAMINATIONS 2024

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 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:

PAGES	MARKS	INITIALS
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Page 6		
Page 7		
Total		

Please turn over



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SEMAS | Simplified Learning Today

SECTION A: 40 MARKS

Questions 1 to 40 carry **one** mark each.

1. Name any **one** example of a non-living component in the environment.

2. State the class of food we get from eating chicken.

3. Why are tomatoes grouped under flowering plants?

4. Where do female anopheles mosquitoes lay their eggs?

5. Give any **one** way of caring for our body.

6. Mention any **one** effect of poor feeding among babies.

7. Write any **one** diarrhoeal disease spread by cockroaches.

8. State the main natural source of water in our environment.

The diagram below shows a child suffering from a certain disease. Study and use it to answer question 9.



9. Identify the immunisable disease the child above is suffering from.

10. Give **one** importance of regular keeping of our bodies clean.

11. Write **one** reason why goats make sound.

12. State **one** reason why people should wash hands before serving food.

13. Give any **one** way of keeping the house clean at home .

14. How is too much sunshine dangerous to crop farmers?

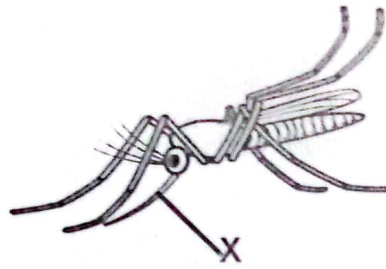


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The diagram below is of a common insect. Study and use it to answer question 15.



15. State the function of part marked with letter X to the above insect.

16. Which part of a cereal seed crop stores food for the embryo?

17. Give any **one** importance of electricity to people.

18. In which season do farmers plant crops?

19. Name any **one** place where a first aid box can be found.

20. How is humus important in soil?

21. Write any **one** importance of trees in our compound.

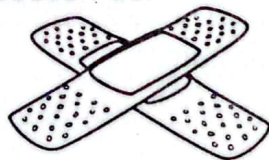
22. State **one** effect of landslides in our local environment.

23. Which type of life cycle do houseflies undergo?

24. Why should a good clean home have a rubbish pit?

25. Give any **one** way of controlling soil erosion in flat areas.

The diagram below shows an item used by first aiders. Study it carefully and use it to answer question 26.



26. Name the first aid material drawn above.



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27. Name any **one** process that takes place in plant leaves.

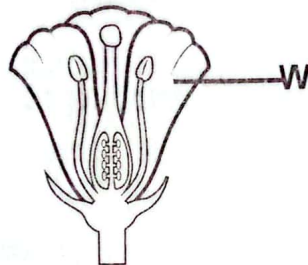
28. Write down any **one** item made from animal skin.

29. Which element of weather enables crop farmers to remove husks from rice seeds?

30. Mention any **one** example of a PIASCY message.

31. Write down any **one** human activity done to increase the amount of rainfall in an area.

The diagram below is of a part of a plant. Study and use it to answer question 32.



32. Name part marked with letter W.

33. Give a reason why part marked W always has bright colours.

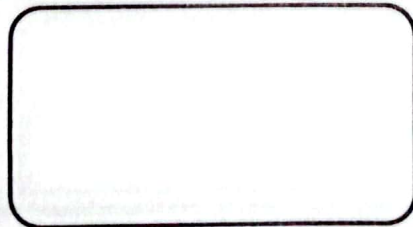
34. State **one** way of keeping our teeth healthy.

35. Which type of pollination takes place in pawpaw plants?

36. Mention any **one** form of energy got from the sun.

37. Why do animals move from one place to another?

38. Draw any **one** item used to keep our bodies clean.



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44. a) Name any **one** vector which is common in dirty areas.

b) Mention any **two** diseases spread by vectors which live in dirty areas.

i) _____

ii) _____

c) Give any **one** way germs spread among people.

45. a) What does the term sanitation mean?

b) Mention any **two** places that need to be kept clean at home

i) _____

ii) _____

c) State **one** way of promoting sanitation at home.

46. a) In which way are perennial crops different from annual crops?

b) Mention any **two** examples of perennial crops.

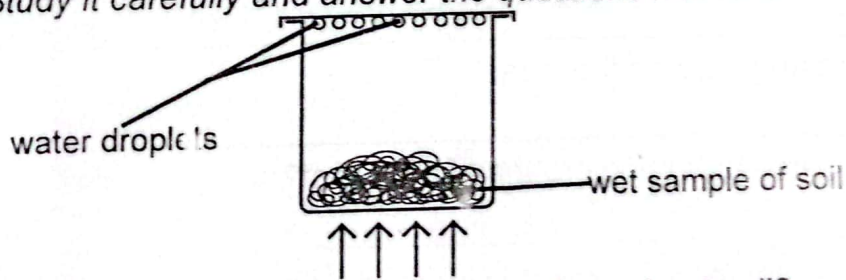
i) _____

ii) _____

c) Give any **one** method used to control weeds in a garden.

47. The diagram below is of an experiment that was carried out by P.3 pupils.

Study it carefully and answer the questions that follow.



a) What does the experiment above show about soil?

b) Name the type of soil used for:-

i) modelling _____

ii) making glasses _____

c) Give any **one** example of a material made from clay soil.



48. Match the components of air in list P to their percentages in the atmosphere in list Q.

List P

rare gases
oxygen
carbon dioxide
nitrogen

List Q

21%
78%
0.97%
0.03

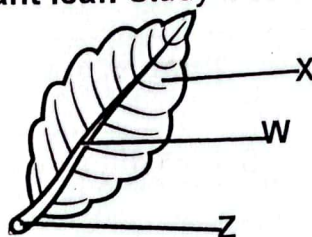
i) rare gases

ii) oxygen

iii) carbon dioxide

iv) nitrogen

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



a) Name the parts labelled with letters:-

i) X

ii) W

b) State the role of part marked Z on the diagram above.

c) Write any **one** plant that stores food in leaves.

50. a) Give any **two** uses of air to people.

i)

ii)

b) Mention any **one** game played by the help of wind.

c) State any **one** danger of too much wind in our environment.

51. a) What are living things?

b) Give **two** reasons why animals are grouped under living things.

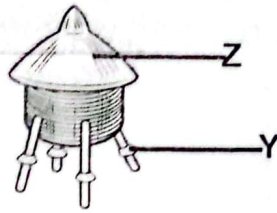
i)

ii)

c) Apart from animals, write down **one** other group of living things in our environment.



2. The diagram below shows a storage facility. Study and use it to answer the questions that follow.



a) Name the storage facility shown in the diagram above.

b) Name part marked Y on the diagram above.

c) State the importance of part marked Z on the facility above.

d) Why should the storage facility drawn above be raised from the ground?

53. a) What name given to the young ones of these animals?

i) goats

ii) rabbits

b) Write the habitats of the animals drawn below:



54. a) What is seed germination?

b) Name any **two** conditions needed for seeds to germinate.

i)

ii)

c) What name is given to a young plant?

55. a) Give the main **two** sources of food in our community.

i)

ii)

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

i)

ii)



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