



SUREKEY EXAMINATIONS BOARD

PRIMARY FOUR PLACEMENT SET

2023

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Admission No.						Personal No.		

Pupil's Name:

Pupil's Signature:

School Name:

District Name:

Read the following instructions carefully:

1. Do not forget to write your **school** or **district name** on the paper.
2. This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **12** printed pages.
3. Answer **all** questions. **All** working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: "**For Examiners' use only**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

SECTION A: 40 MARKS

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

1. Name the part of a flowering plant that contains seeds.

.....

2. State any **one** characteristic of a stone as a non living thing.

.....

3. Give any **one** use of food in the human body.

.....

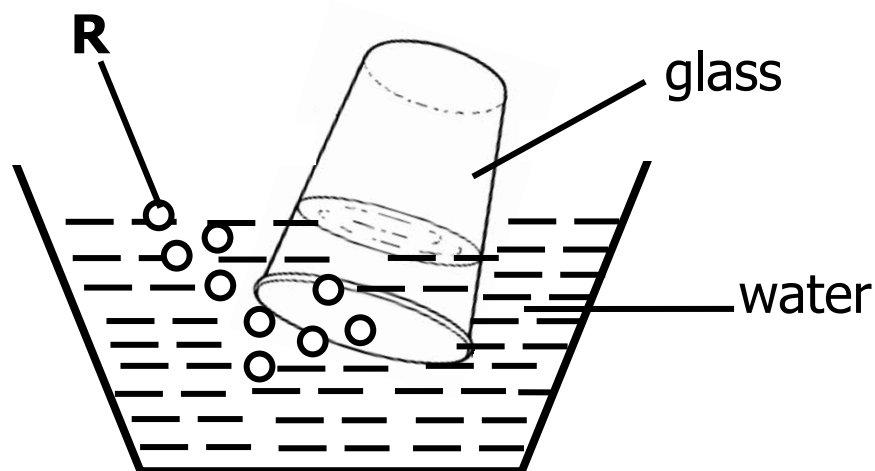
4. Give any **one** way in which the sun is important in the environment.

.....

5. Why is it not advisable to eat food before washing hands?

.....

The diagram below shows a property of air. Use it to answer questions **6** and **7**.



6. State the property of air in the diagram above.

.....

7. Name the substance marked **R**

.....

8. Give any **one** role a school child can play in the control of houseflies at school

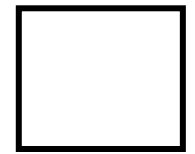
.....

9. Name the part of the body used for kicking the ball.

.....

10. State the reason why boiled water is safe for drinking.

.....



11. How does a caterpillar move?

.....

12. State any **one** element of Primary Health Care (PHC).

.....

13. Why are beans grouped under legumes?

.....

14. State any **one** way of saving electricity at home.

.....

15. Name the vector that spreads malaria to people.

.....

The diagram below shows a utensil. Use it to answer questions **16** and **17**



16. Name the type of soil used to make the above utensil.

.....

17. State any **one** use of the above utensil at home.

.....

18. Which type of weather favours proper planting of rice?

.....

19. Give any **one** way of controlling accidents near water bodies.

.....

20. Name any **one** human body organ found on the head.

.....

21. Give any **one** condition needed by a seed to grow into a young plant.

.....

22. State any **one** way in which a primary four child can prevent bad smell from the body.

.....

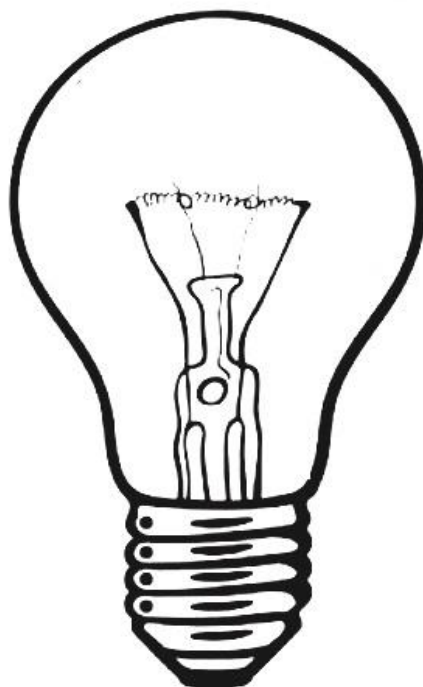
23. Mention any **one** way in which you can prevent germs from clothes.

.....

24. Give any **one** example of a common disease.

.....

The diagram below shows an item that uses electricity. Use it to answer questions **25** and **26**.



25. Name the item shown in the diagram above.

.....

26. How is the item above useful during prep lessons at school?

.....

27. State any **one** way in which the spread of ebola can be controlled.

.....

28. Mention any **one** way in which water may become dirty after keeping it.

.....

29. Why does a bedbug produce bad smell when touched?
.....
30. Apart from terracing, state any **one** other way of protecting soil from erosion.
.....
31. Give any **one** form of physical exercise that school children can do.
.....
32. Give **one** way in which spiracles in an insect are similar to stomata in plants.
.....
33. State **one** reason why metallic tools are usually kept in cool dry places.
.....
34. Name **one** foodstuff used for spicing sauce.
.....
35. Write down any **one** activity that is done using ropes.
.....
36. Give any **one** way in which dust can be reduced in the house.
.....
37. State any **one** way in which water is important during cooking.
.....
38. How does a bird reproduce?
.....
39. Give any **one** way in which crop pests in the store can be prevented at home.
.....
40. Give any **one** effect of too much rainfall in the environment.
.....



SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each.

41. State the type of soil that is used to:

- a) Make tiles
- b) Make blocks
- c) Grow crops
- d) Make flower vases

42. a) Give the meaning of the following terms:

- i) Germs
.....
- ii) Vectors
.....

b) Identify any **two** activities children do at home to control vectors.

- i)
- ii)

43. a) Name the term used to mean the first help given to an accident victim.

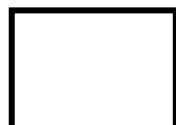
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b) Give any **one** reason why an accident victim is given the help named in (a) above.

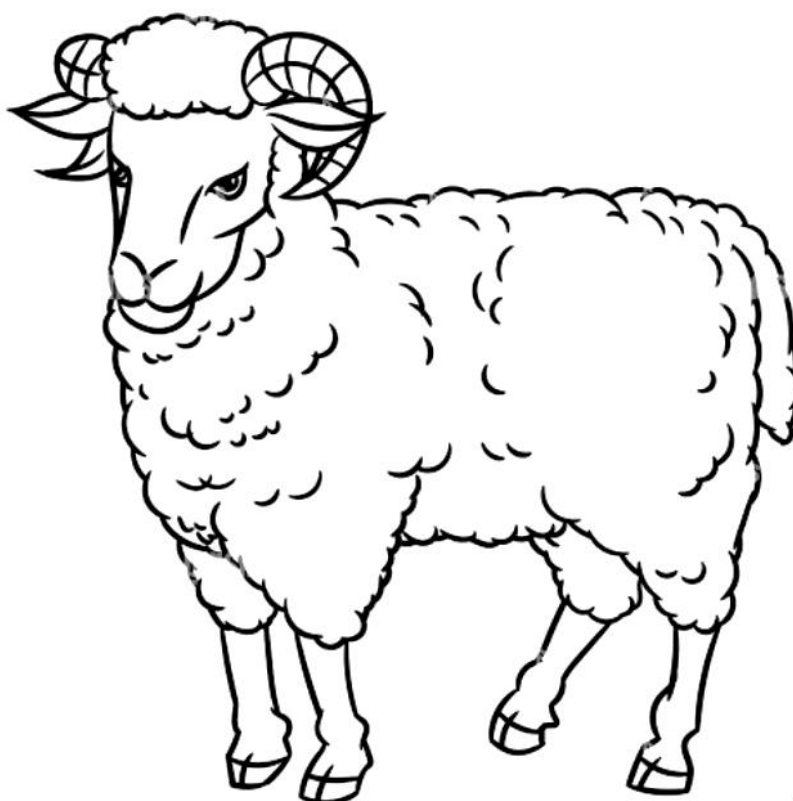
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c) State any **two** qualities of a person who gives the help named in **(a)** above.

- i)
- ii)



44. The diagram below shows a common domestic animal. Study and use it to answer the questions that follow.



- a) Why is the above animal called a domestic animal?
.....
- b) Mention any **one** product that can be got from the above domestic animal
.....
- c) Apart from providing products, give any **one** other use of the above domestic animal to people
.....
- d) On the animal above, label the tail.

45. a) To which group of crops does a millet plant belong?
.....
- b) Write down any **two** other crops that belong in the same group.
- i)
- ii)
- c) State any **one** use of millet to people.
.....

46. The diagram below shows a craft item commonly used at home. Study and use it to answer the questions that follow.



- a) Identify the craft item in the diagram above.
.....
- b) How is the above craft item useful to a school cook?
.....
- c) From which material is the above craft item made?
.....
- d) Mention any **one** other craft item made from the material given in **(c)** above.
.....



47. a) State any **two** importance of bathing daily to the skin.
- i)
 - ii)
- b) Apart from bathing, give any **two** other ways of caring for the skin.
- i)
 - ii)

48. The table below shows some items found in the environment in Part **A** and their importance in Part **B**.

Part A : items	Part B : importance
Orange	Used to make bottles
Donkey	Used to make nails
Metal	Used to make juice
Plastic	Used for transport

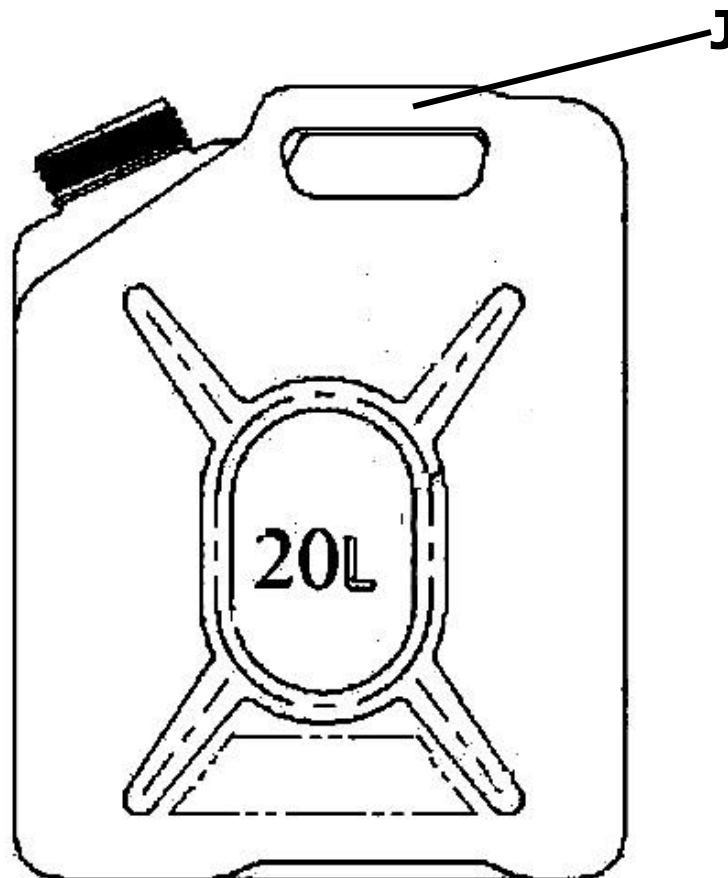
Match correctly the items with their importance in the spaces provided below.

- i) Orange
- ii) Donkey
- iii) Metal
- iv) Plastic

49. a) Name the clouds that:
- i) Develop into thunder
 - ii) Appear in dry weather
- b) Give any **two** uses of clouds in the environment.
- i)
 - ii)




50. The diagram below shows an item used to harvest water. Study and use it to answer the questions that follow.

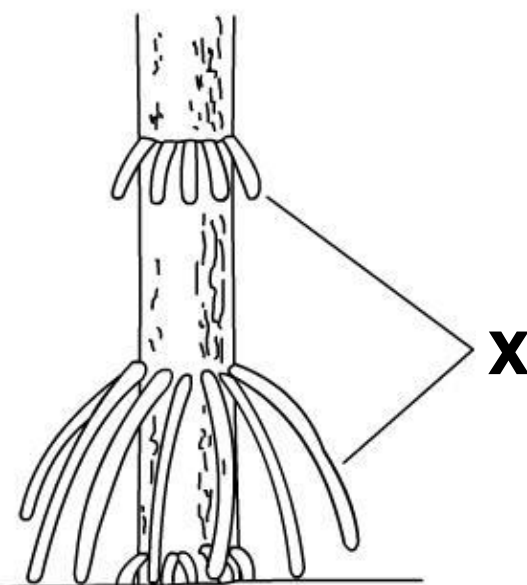


- a) Name the item in the diagram above.
.....
- b) Why should the above item be kept clean?
.....
- c) Apart from water, give any one other liquid that can be kept in the above item.
.....
- d) Give the use of part marked **J**.
.....

51. a) Name the **two** groups of insects.
i)
ii)
- b) In which group above do white ants belong?
.....
- c) Give a reason for your answer in **(b)** above.
.....

52. a) Give the meaning of the following terms:
- i) Malnutrition
-
- ii) Balanced diet
-
- b) Write down any **two** classes of food.
- i)
- ii)
53. a) Name the **two** parts of the shadow 
- i)
- ii)
- b) Give any **two** uses of shadows to people
- i)
- ii)
54. a) Name the part on a house that people use as ;
- i) a seat
- ii) an entry
- b) Give any **one** example of a permanent house.
-
- c) State any **one** reason why people build houses.
-

55. The diagram below shows roots of a plant. Use it to answer the questions that follow.



- a) Identify the root system shown above.

.....

- b) Name any **two** plants with roots shown above.

i)

ii)

- c) How are root structures marked **X** important to such plants.

.....

.....

