

# JERON END OF TERM II EXAMINATION 2024

## Primary Five Integrated Science

TIME ALLOWED: 3 HOURS 15 MINUTES

NAME \_\_\_\_\_

SCHOOL \_\_\_\_\_

STREAM \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**

**READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

- This paper is made up of two sections A and B
- Section A has 10 questions (40 marks) and B has 15 questions (60 marks)
- Answer all questions in both sections A and B
- All answers must be written in the spaces provided in BLUE or BLACK ink.  
Only diagrams and graphs will be done in pencil
- Unnecessary crossing will lead to loss of marks
- Poor handwriting, which can not be easily read, may lead to loss of marks

**FOR EXAMINER'S USE ONLY**

SECTION	MARKS	REMARKS
A		
B		
TOTAL		

**Teacher's comment to the pupil**

ORGANISED BY:



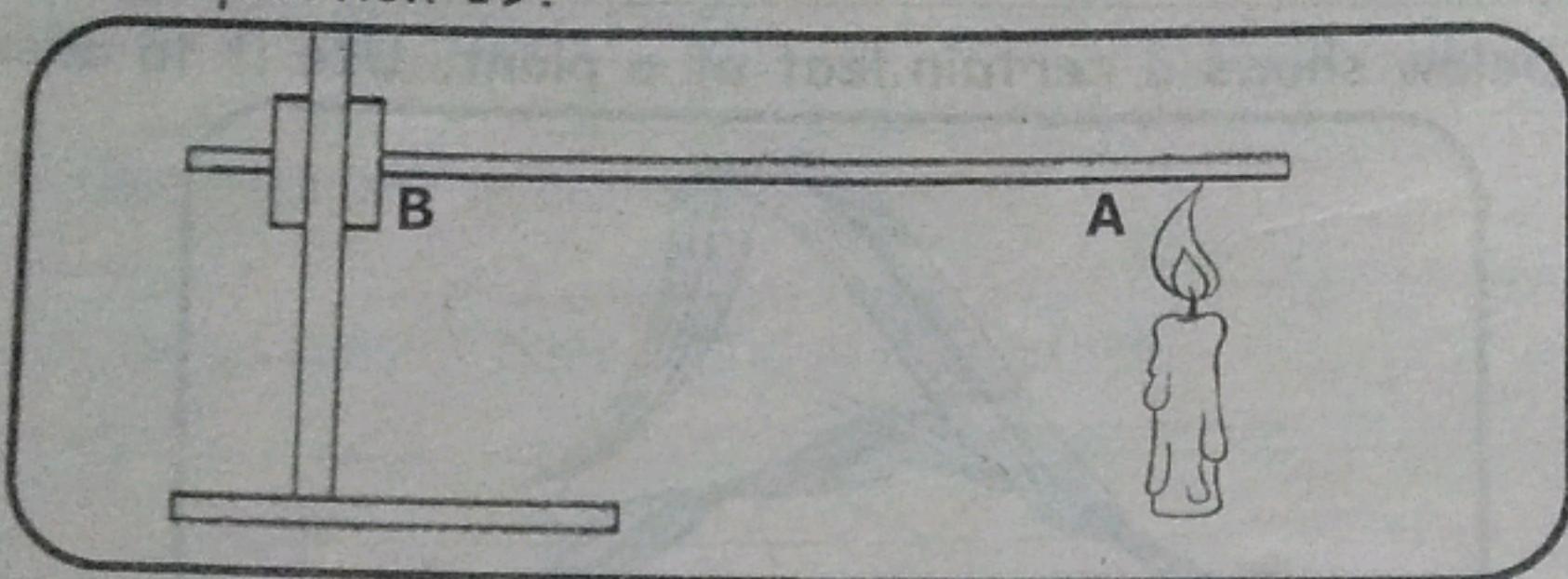
**JERON EDUCATIONAL CENTRE KAMPALA**

PUBLISHER OF: JERON HOLIDAY PACKAGES, PUPIL'S DAILY ACTIVITY BOOKS, READING AND SPELLING GRADED BOOKS  
PO BOX 1941 KAMPALA. TEL: 070000001 / 070120001 / 070330001

17. Name the type of immunity a child gets through breast feeding.

18. Name the body organ which filters blood in the human body.

The diagram below shows how heat is transmitted through matter. Use it to answer question 19.



19. By what process does heat travel from point **A** to point **B**?

20. Name the part of a flower which receives pollen.

21. Which PIASCY message helps learners to avoid contracting HIV/AIDS?

22. Where in the alimentary canal does absorption of food take place?

23. Name the vector which spreads bilharziasis to people.

24. State any **one** way of caring for our skins.

25. Give the main reason for giving First Aid to casualties.

26. Which component of air is used in the preservation of soft drinks?

27. State any **one** way farmers care for their animals at home.

28. What is the incubation period of a hen?

29. Write **one** example of a crop planted using the row planting method.

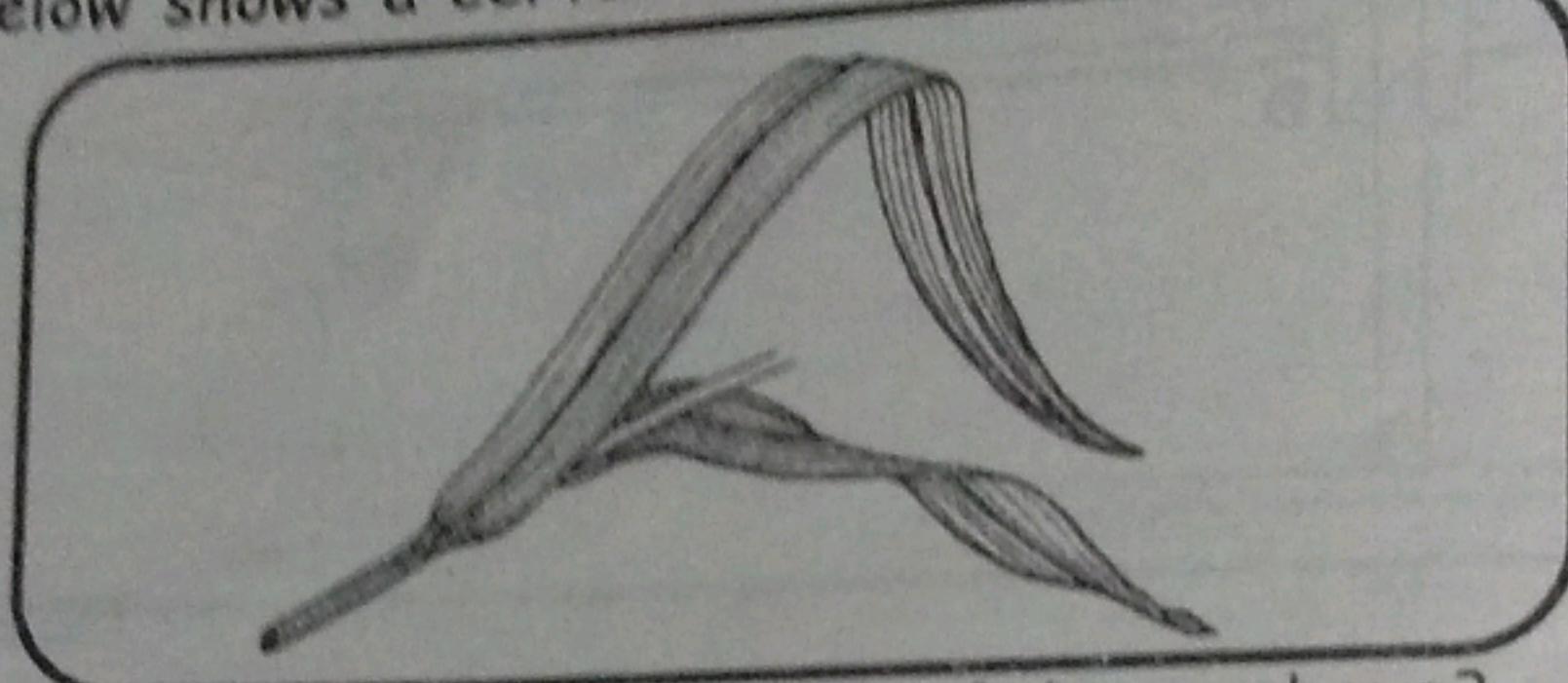
30. Name **one** example of an insulator of heat.

31. State **one** method used to prepare food at home.

32. Give **one** reason why doctors advise us to boil water for drinking.

33. Name the domestic animal kept to control rats at home.

The diagram below shows a certain leaf of a plant. Use it to answer question 34.



34. Which type of leaf venation is shown in the leaf shown above?

35. Give any **one** example of a sinking object.

36. Give any **one** role of a mother at home.

37. Name the digestive disorder which leads to passing out of hard stool.

38. Give **one** importance of gills to a mushroom.

39. Write **one** example of an exotic breed of rabbits.

40. Give the reason why people wash hands after visiting latrine.

### SECTION B (60 Marks)

(Question 41 to 55 , carries **four** mark )

41. (a) What is a family?

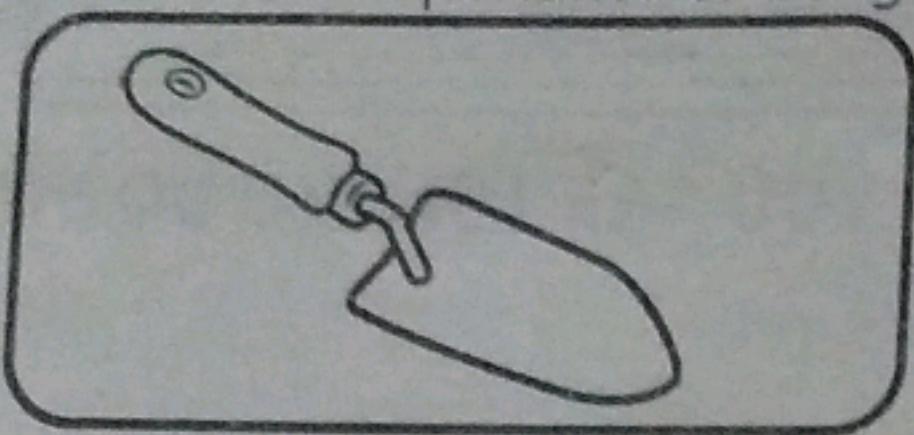
(b) Give any **one** example of a type of family.

(c) Write any **two** basis needs in a family.

(i)

### SECTION A (40 Marks)

(Question 1 to 40 , carry one mark each)

1. Give the importance of sunshine to crop farmers.
2. Name any **one** example of a harmful insect in a school community.
3. Write **one** characteristic of living things.
4. Name any **one** example of a domestic animal which provides people with milk.
5. Mention the importance of the garden tool drawn in the diagram below.  

6. Mention any **one** example of a leguminous crop.
7. State any **one** source of food in the environment.
8. Which clouds in the atmosphere are sure sign of rain?
9. Give any **one** sign of poor sanitation in a home.
10. Name any **one** poultry disease which also attracts rabbits.
11. Write the sense organ for feeling.
12. Give any **one** way animals depend on plants in the environment.
13. State the main source of heat energy in the environment.
14. What name is given to the second stage of development of a cockroach?
15. Give any **one** cause of accidents at school.
16. Give any **one** use of heat energy at home.

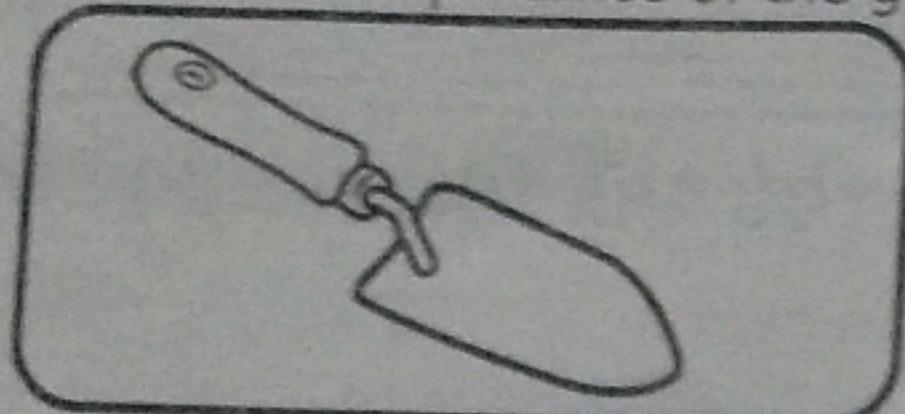


**SECTION A (40 Marks)**

(Question 1 to 40 , carry one mark each)

1. Give the importance of sunshine to crop farmers.
2. Name any one example of a harmful insect in a school community.
3. Write one characteristic of living things.
4. Name any one example of a domestic animal which provides people with milk.

5. Mention the importance of the garden tool drawn in the diagram below.



6. Mention any one example of a leguminous crop.
7. State any one source of food in the environment.
8. Which clouds in the atmosphere are sure sign of rain?
9. Give any one sign of poor sanitation in a home.
10. Name any one poultry disease which also attracts rabbits.
11. Write the sense organ for feeling.
12. Give any one way animals depend on plants in the environment.
13. State the main source of heat energy in the environment.
14. What name is given to the second stage of development of a cockroach?
15. Give any one cause of accidents at school.
16. Give any one use of heat energy at home.



Q2. A fracture is a broken bone in the body.

(a) Why are splints tied around the broken arm during the giving of First Aid to a person?

(b) Give any one example of a fracture.

(c) Name the injury that affects joints.

(d) Give any one sign of a fracture.

Q3. (a) Name any two types of bees found in a bee hive.

(i)

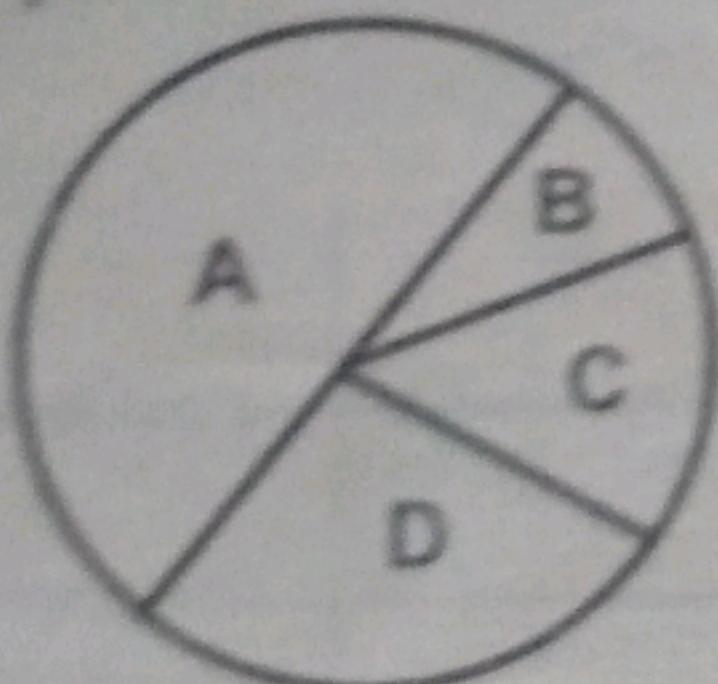
(ii)

(b) What food value do we get from eating honey?

(c) Give the role of a queen excluder in a modern bee hive.

Q4. (a) Define the term air.

Use the diagram of a pie-chart below to answer the questions that follow.



(b) Name the component of air marked C.

(c) Write the percentage of air occupied by the gas labelled with letter D.

(d) Write one process in the environment supported by the part of air marked B.

Q5. (a) Give any one use of heat energy in the environment.

(b) By what process does heat pass through liquids?

(c) How is heat transfer by radiation important to crop farmers?

(d) Give a reason why gaps are left between the rails of a railway line during construction.

46. Complete the table below correctly.

Vector	Disease
Housefly	i)
ii)	Sleeping sickness
Female anopheles mosquito	iii)
iv)	Elephantiasis

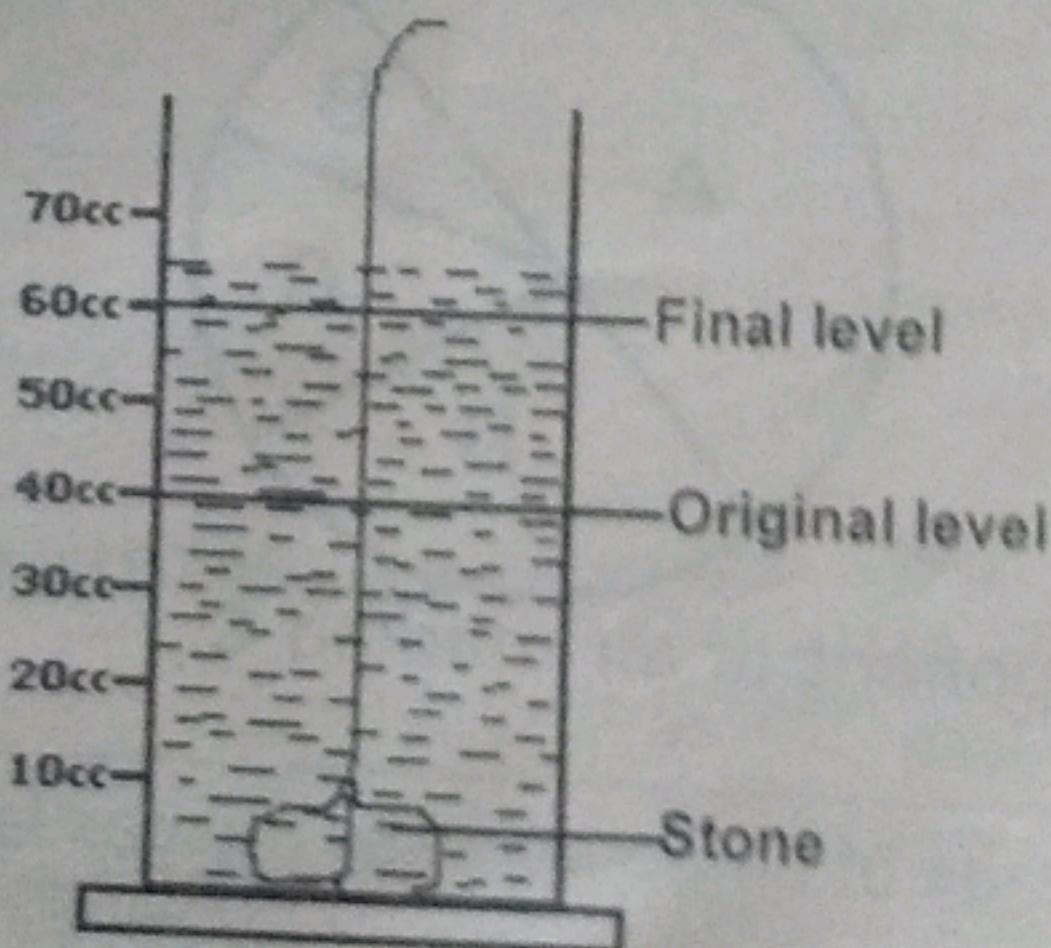
47. (a) Write **two** classes of food that are contained in a balanced diet.

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

(b) Give the class of food that helps to repair worn out body tissues in the human body.

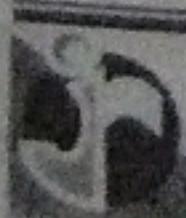
(c) Give **one** reason why people eat food.

48. The diagram below shows an experiment done by a P.5 class. Use it to answer the questions that follow.



(a) Identify the method of finding the volume of objects shown above,

(b) Calculate the volume of the stone above. (2 marks)



(c) Apart from a measuring cylinder give **one** other instrument that can be used to find the volume of an irregular object.

49. (a) Give any **two** diseases that attack rabbits.

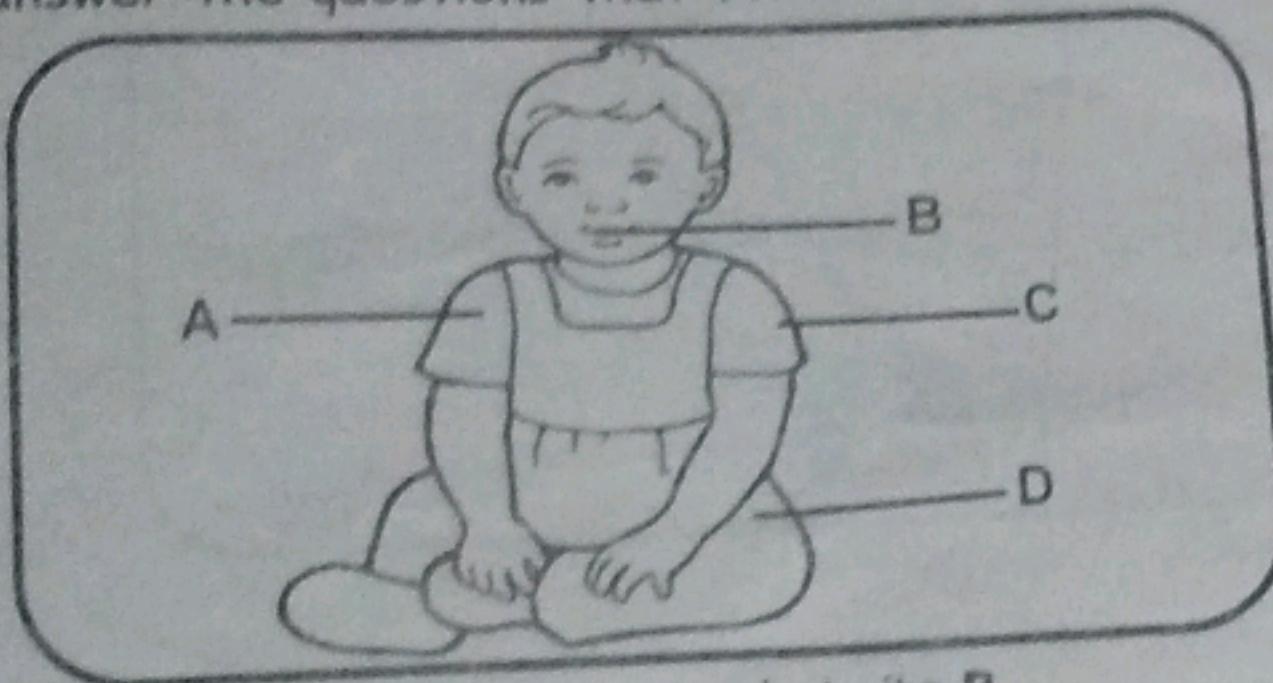
(i) \_\_\_\_\_

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

(b) State **one** reason why rabbit hutches should be raised a few inches from the ground.

(c) Name the manufactured feeds of rabbits.

50. The diagram below shows the immunisation sites on the body of a baby. Use it to answer the questions that follow.



(a) Give the vaccine which is administered at site B.

(b) Which disease is prevented by the vaccine administered at site A?

(c) Apart from the disease mentioned above, give any other **two** examples of childhood immunisable diseases.

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

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

51. (a) Give any **two** ways of promoting sanitation at home.

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

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

(b) Write any **two** diseases that can spread due to poor sanitation.

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

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

52. (a) Name the garden tool farmers use for:

(i) Watering crops \_\_\_\_\_

(ii) Turning manure in the compost \_\_\_\_\_

(b) Write any **one** way of caring for garden tools.

(c) What is the best time of the day for transplanting seedlings?

53. (a) Name the instrument used to measure the human body temperature.

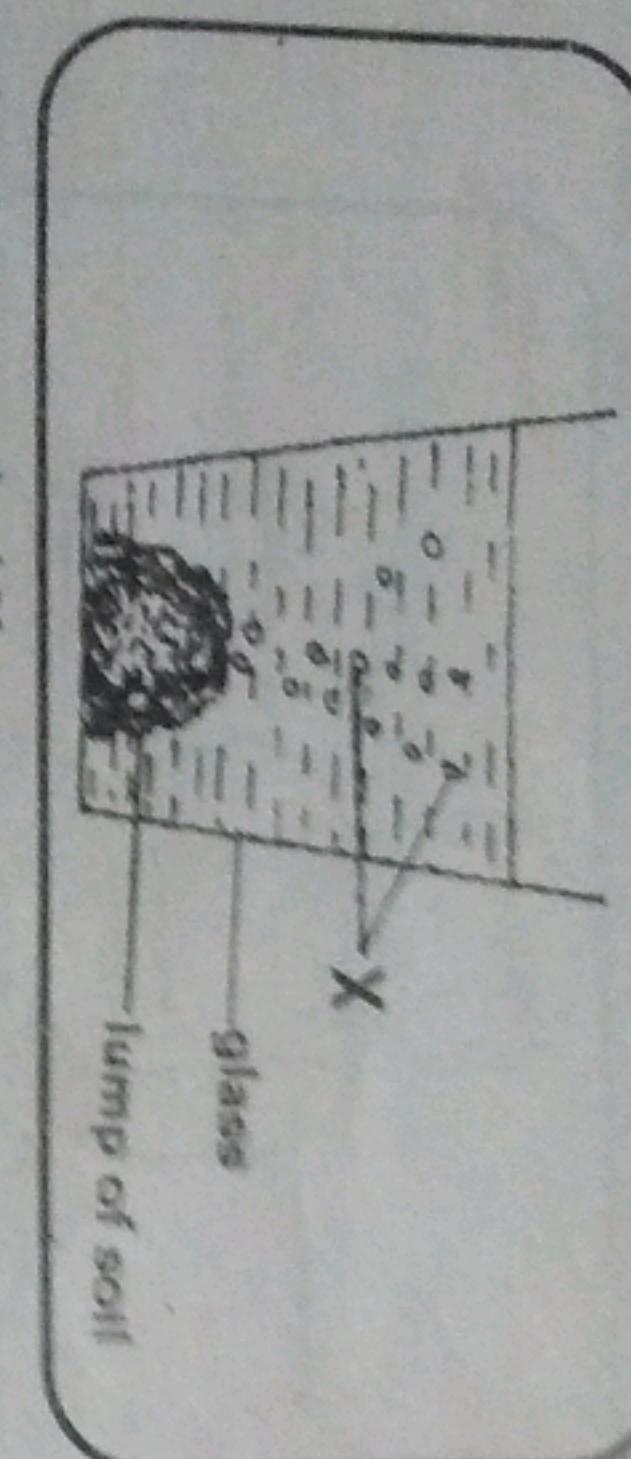
(b) Give any two types of thermometers.

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

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

(c) Name the liquid which is commonly used in thermometers.

54. Below is diagram showing an experiment that was done by a P. 3 class about soil. Use it to answer the questions that follow.



(a) Name the structures marked X.

(b) What does the experiment above prove about soils?

(c) Give any other two components of soil apart from the one shown in the experiment above.

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

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

55. Use the words given in the box below to fill in the gaps correctly.

pepsin

ileum

peristalsis

cooked starch

Digestion is the process by which food is broken down into small soluble particles. Digestion begins from the mouth and ends in the \_\_\_\_\_.

In the mouth, the teeth break down food into small particles salivary amylase in the mouth acts on \_\_\_\_\_. Food moves through the gullet by the process called \_\_\_\_\_. In the stomach \_\_\_\_\_.

begins the digestion of proteins. The stomach walls churn food converting it into enzyme which is then sent to the duodenum for further digestion.