

**SEMBABULE DISTRICT PRIMARY LEAVING
MOCK EXAMINATION - 2024
P.7 INTEGRATED SCIENCE
DURATION: 2 HOURS 15 MINUTES**

School: _____

EMIS No.						Personal No.		

Candidates Name: _____

Candidates' Signature: _____

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

READ THE FOLLOWING INSTRUCTIONS

1. This paper has two sectionA andB.
2. Section A, has 40 short questions (40marks)
3. Section B has 15 questions (60 marks)
4. Answer all questions.
5. All answers to all questions must be written in the space provided.
6. All answers must be written using **blue** or **black** ball pen or **ink**.
7. Unnecessary crossing of work will lead to loss of marks.
8. Any handwriting that cannot easily be read may lead to loss of marks.
9. Do not fill anything in the boxes indicated: **"FOR EXAMINER'S USE ONLY"**

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

SECTION A

1. Name any one component of soil.

2. Give any one advantage of cross breeding.

3. State the type of change that occurs when gas changes directly to solid.

4. Give one use of rack at home.

5. Why is sound unable to pass through a vacuum?

6. Give one benefit of including beans in the crop rotation cycle.

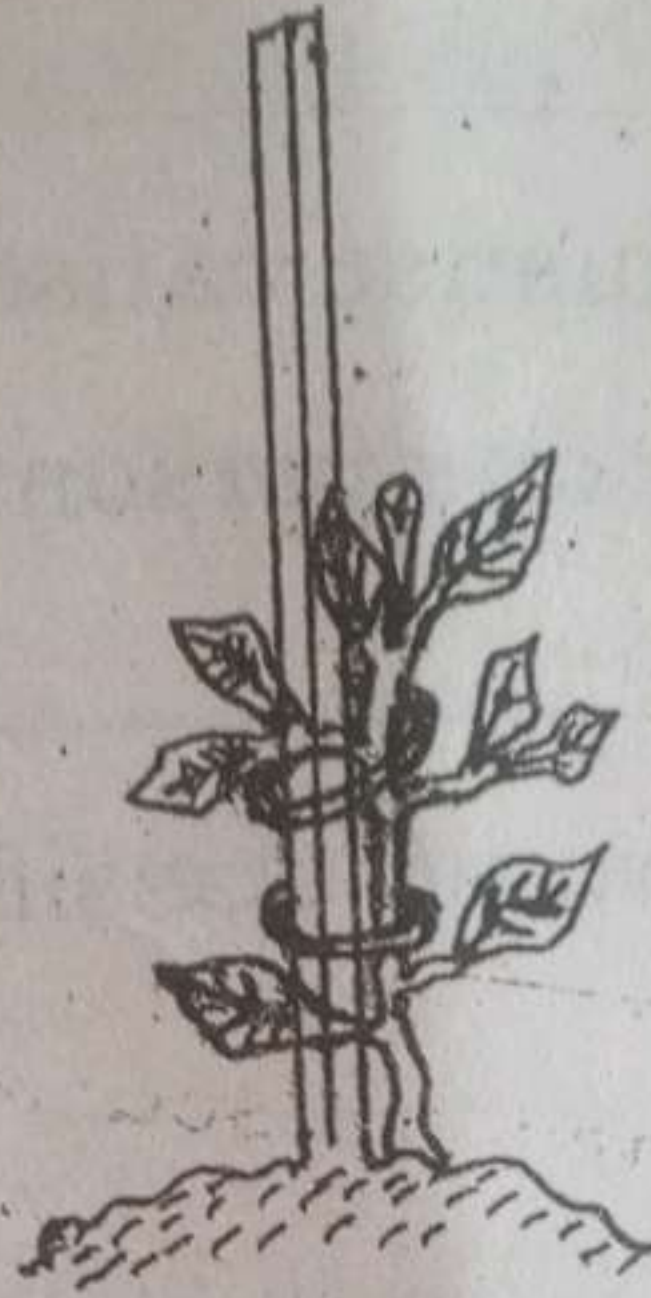
7. Name the reproductive cell in animals that is similar to an ovule of a flowering plant.

8. State one structural difference between a red blood cell and a white blood cell.

9. State one importance of PIASCY messages in the school compound.

10. Give one reason why we should breathe through the nose instead of the mouth.

The diagram below shows a method of supporting plants. Study it and answer the questions 11 and 12



11. Name the method of supporting plants shown in the diagram.

12. Give one characteristic of plants that need such support.

13. Mention any one method of heat transfer.

14. Identify one advantage of using solar electricity.

15. Give one way of controlling the spread of air-borne diseases.

16. State one use of a seed micropyle during germination.

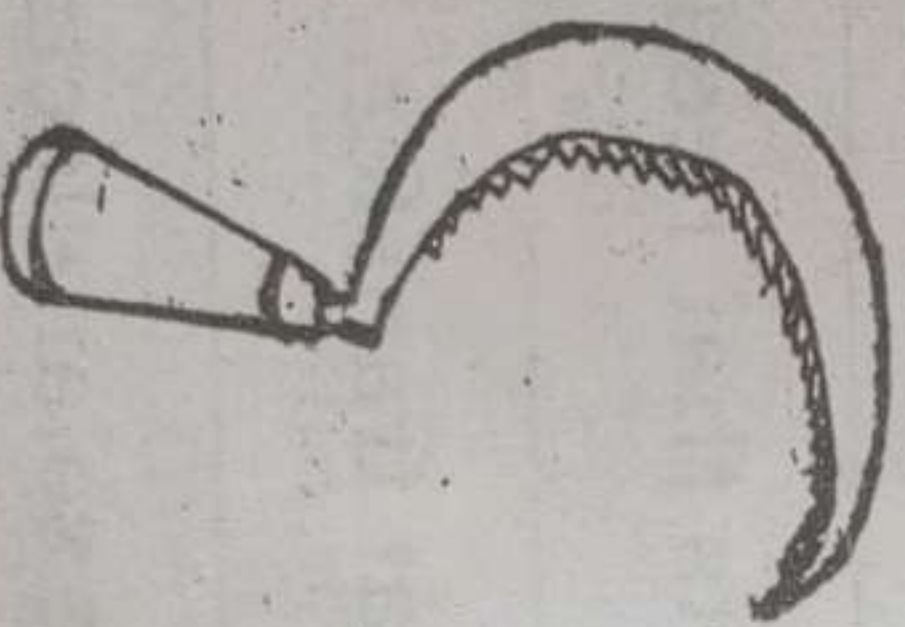
17. Which part of a VIP latrine controls the spread of diarrheal diseases?

18. State any one way the ileum is adapted to absorbing digested food.

19. Identify the form of drug misuse caused when patients share drugs prescribed for one person.

20. Give one reason why you would classify insects under arthropods.

The diagram below shows a garden tool. Study it and answer the questions 21 and 22.



21. Name the garden tool shown in the diagram.

22. Give any one use of the above tool to a farmer.

23. State one way of controlling malaria without the use of chemicals.

24. Mention the group of mammals where a duck billed platypus belongs

25. Give one characteristic of sinking objects.

26. Name the part of the human ear which balances the body

27. State any one method of administering vaccines.

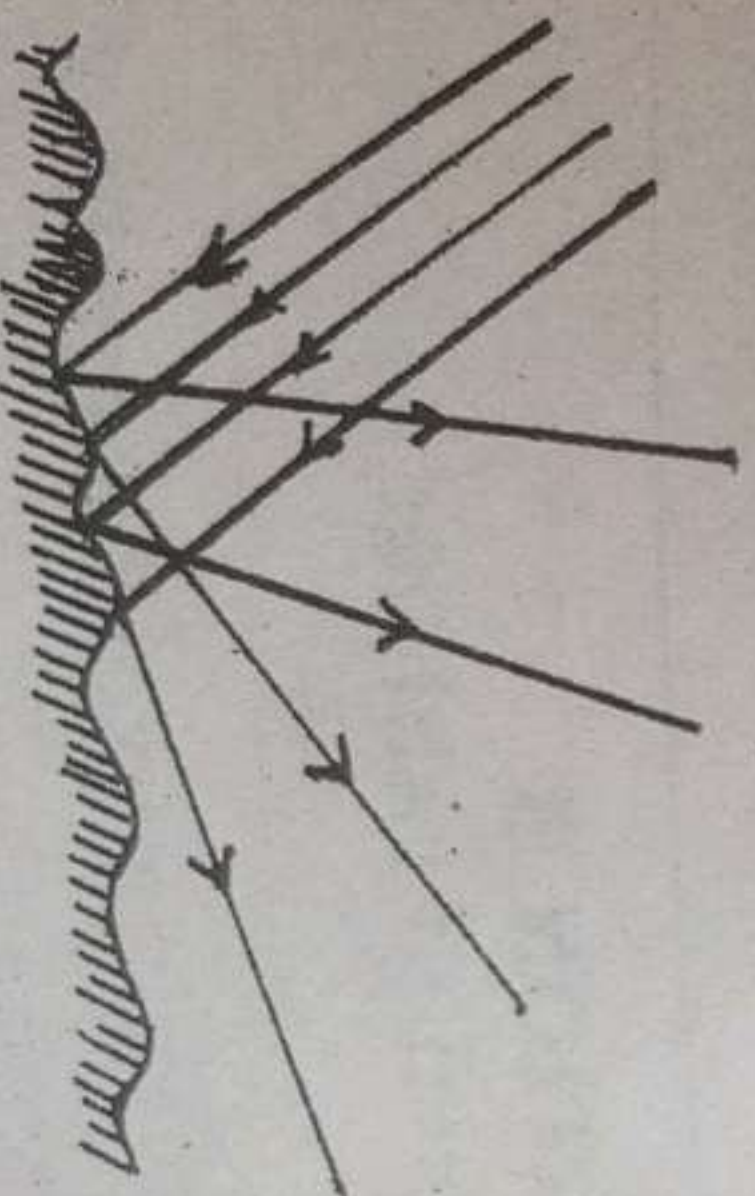
28. Give one way alcoholism promotes the spread of HIV/AIDS.

29. State one benefit of bees to the plants in the environment.

30. Give one use of bacteria in the process of soil formation.

31. Identify the type of temporary magnets used in an electric bell.

The diagram below shows a type of light reflection. Study it and answer questions 32 and 33.



32. Name the type of reflection shown in the diagram.

33. Describe the surfaces that produce such a type of reflection.

34. Give one disadvantage of keeping poisonous substances in containers of soft drinks.
35. Mention one activity done to prepare nursery bed seedlings for the conditions in the main garden.
36. Give one way the human body cools itself during hot weather.
37. State one use of gills to a mushroom.
38. Give one function of the stomach during digestion.

The list below shows examples of resources. Study it and answer questions 39 and 40.

Plants, animals, air and water

39. Name the type of resources in the list
40. Give one characteristic common to all resources in the list.

SECTION B

41. a) Name any one exotic breed of rabbits
- b) Give one advantage of keeping exotic breeds of rabbits over the local ones.
- c) State any two ways of caring for rabbits.
- (i)

(ii)

a) Name the term used to mean the propagation of plants without the use of seeds.

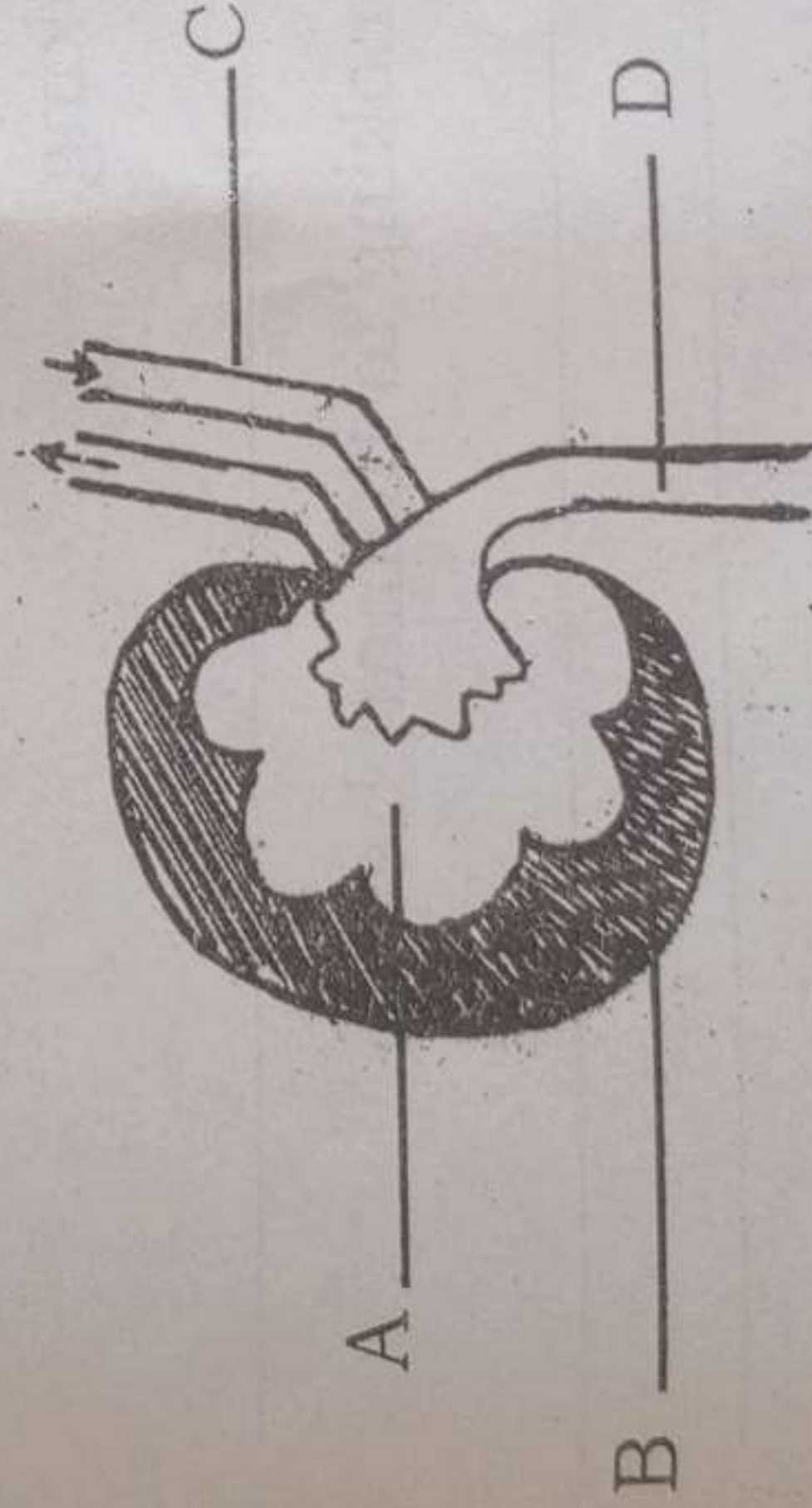
b) Mention two ways how crops can be propagated without the use of seeds.

(i)

(ii)

c) Give one advantage of propagating crops without using seeds.

43. The diagram below shows parts of the human kidney. Study it and answer the questions that follow;



a) Name the blood vessel marked C.

(b) State the process that takes place in each of the parts A and B.

(i) A

(ii) B

b) Give one function of part D.

44. a) Give one example of each of the following

(i) chemical change

(ii) biological change

b) State one importance for each the types of changes below

(i) chemical change

(ii) biological change

45. a) Name one type of smoking.

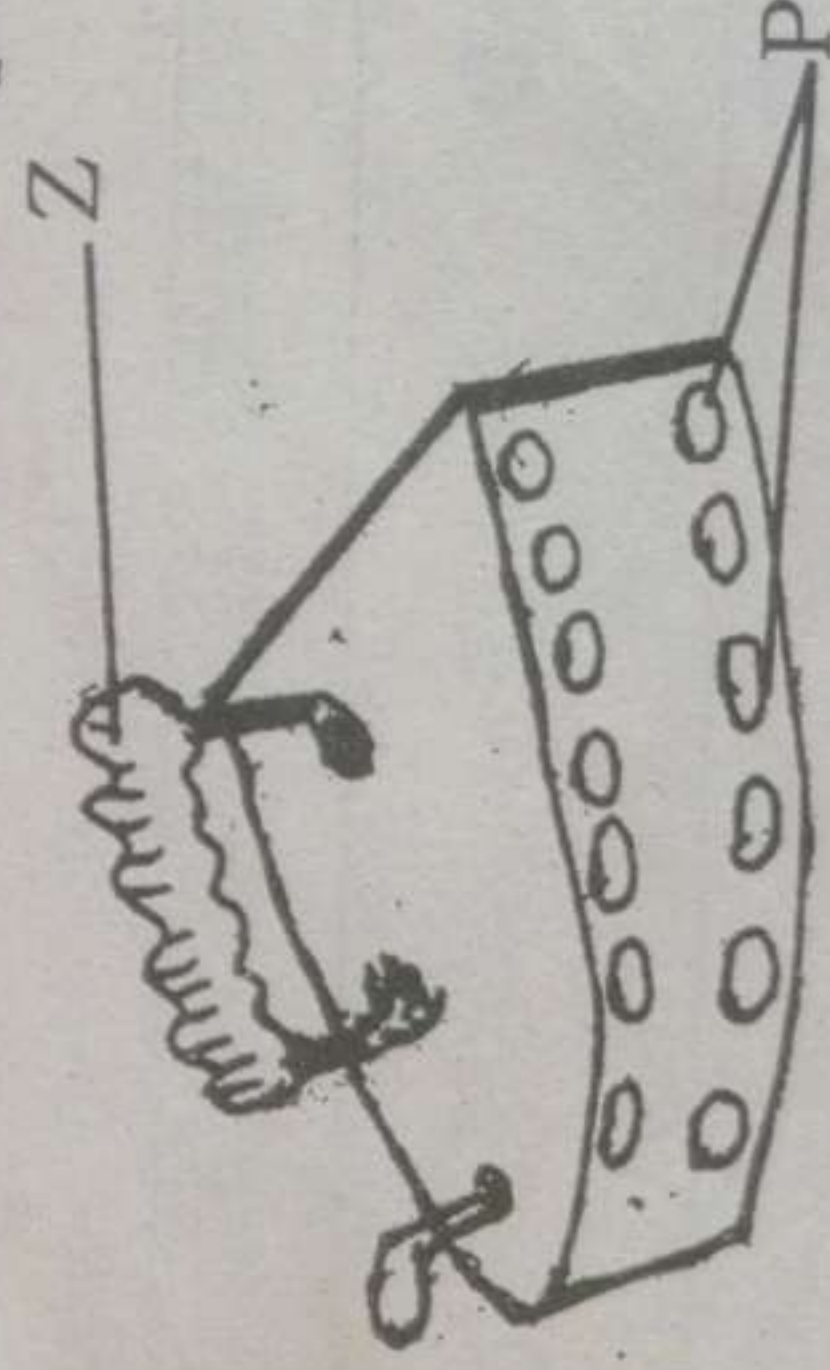
b) Give two dangers of smoking to human health.

(i) _____

(ii) _____

(c) State one way the adolescents can resist smoking.

46. The diagram below shows an item used in the management of clothes. Study it and answer the questions that follow;



- a) Name the item drawn in the diagram above.
-
- b) Give the use of the item in the management of clothes.
-
- c) Write down the use holes P.
-
- d) State one reason why part Z should be insulated
-

47. (a) Write **PHC** in full.

-
- (b) Name the element of PHC promoted by each of the following practices;
- (i) brushing teeth
-

- (ii) producing manageable children
-

- c) Give any one principle of PHC
-

48. (a) Give one importance of breathing.

- (b) State what happens to each of the following during breathing in
- (i) diaphragm
-

(ii) lungs

c) Give one way of keeping the breathing organs in good working condition.

49. (a) Mention any one type of weather.

(b) Give the use of each of the following in weather forecasting

(i) hygrometer

(ii) anemometer

c) State one way people can manage too much sunshine

50. (a) State two advantages of breast feeding to the baby.

(i) _____

(ii) _____

(b) Mention any two conditions that lead to bottle feeding.

(i) _____

(ii) _____

51. (a) What are cold blood vertebrates?

(b) Apart from amphibians, give two other groups of cold blooded vertebrates.

(i) _____

(ii) _____

52. (a) Mention one way intestinal worms get into our body.

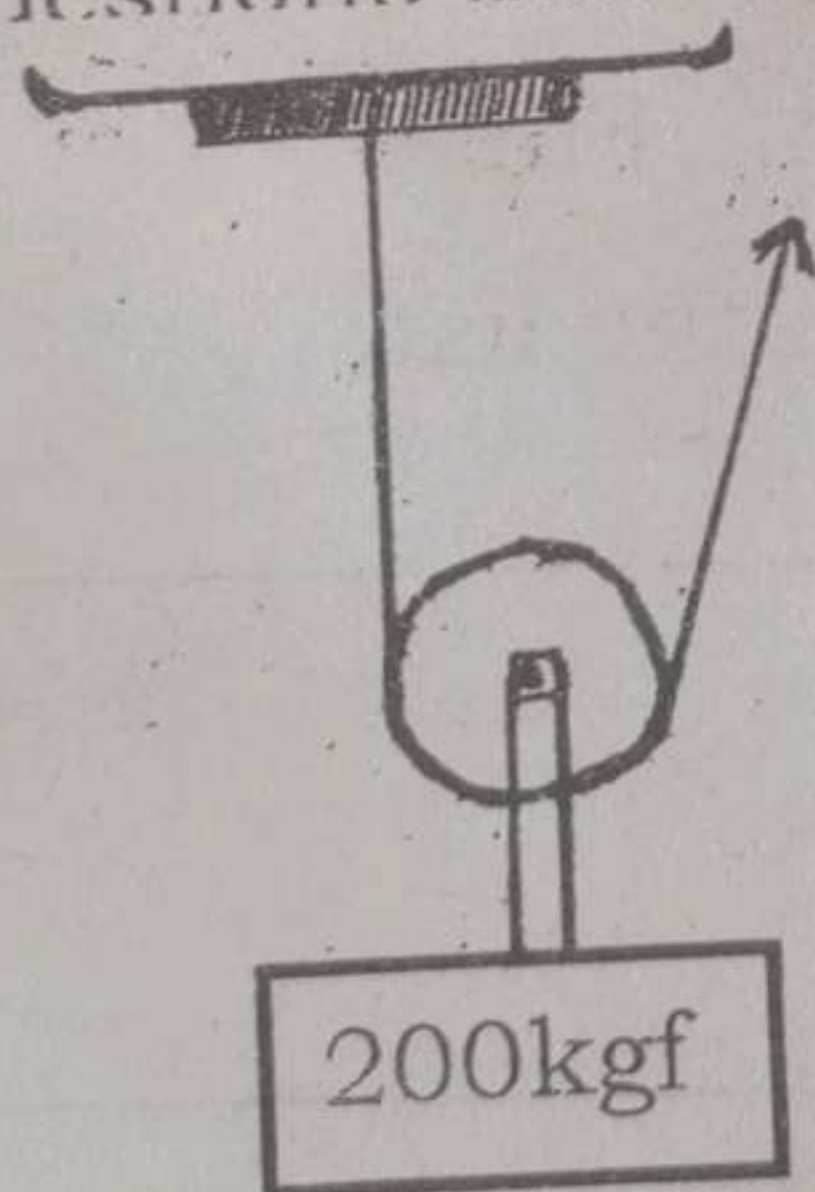
(b) Give two things intestinal worms feed on in the human body.

(i) _____

(ii) _____

(c) State one effect of worm infestation to the children.

53. The diagram below shows a pulley system. Study it and answer the questions that follow.



(a) Name the pulley system shown in the diagram.

(b) Give one characteristic of the pulley system in the diagram

(c) Calculate the amount effort required to lift the load

54. (a) Name one group of organisms that make water unsafe for drinking.

(b) Give one danger of drinking unsafe water.

(c) State two ways of making water safe for drinking.

(i) _____

(ii) _____

55. (a) The list below shows some of the items needed to form a simple electric circuit. Study it and answer the questions that follow.

Bulb,

Dry cell,

Switch, Fuse

(a) Name any one missing item on the list.

(b) Give the function of:-

(i) switch

(ii) dry cell

(c) State the energy change that takes place in the bulb when the circuit is complete.

END