

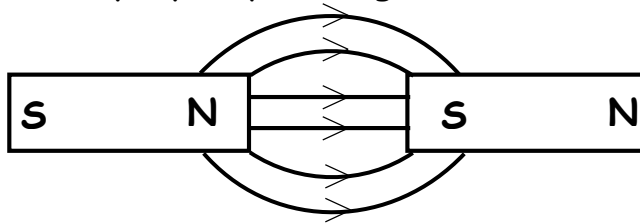
**MOTHERCARE PREPARATORY SCHOOLS**  
**END OF FIRST MONTH ASSESSMENT - 2021**  
**P.7 SCIENCE**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

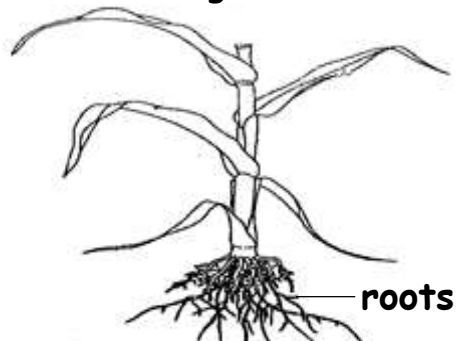
**SECTION A**

1. Which part of a human skeleton protects the brain?  
\_\_\_\_\_
2. Name the deficiency disease caused due to lack of vitamin C in ones diet.  
\_\_\_\_\_
3. Name the longest bone in the human body.  
\_\_\_\_\_
4. Name the process by which plants make their own food.  
\_\_\_\_\_
5. What scientific term is used to refer to a broken or cracked bone in the body?  
\_\_\_\_\_
6. Name the property of magnetism shown below.



7. How important is a switch in an electric circuit?  
\_\_\_\_\_

Use the diagram below to answer questions 8 and 9.



8. Name the type of leaf venation shown in the above diagram.

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9. Mention one crop with similar roots as the ones shown in the diagram.

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10. Why is loam soil the best for plant growth?

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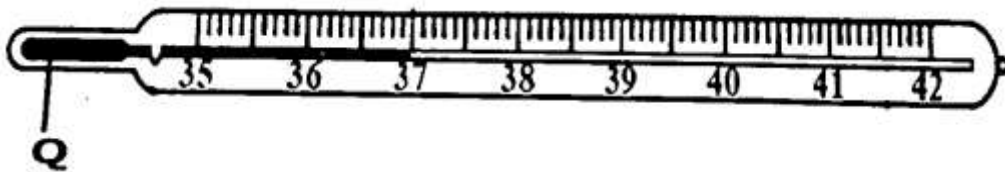
11. How is yeast different from other fungi in the way of reproduction?

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12. Suggest a reason why animals moult.

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The diagram below shows a clinical thermometer. Study and use it to answer questions that follow.



13. Name the part marked Q.

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14. Which thermometric liquid is commonly used in the above instrument?

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15. Give one difference between insect pollinated and wind pollinated flowers.

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16. Why are handles of frying pans made out of dry wood?

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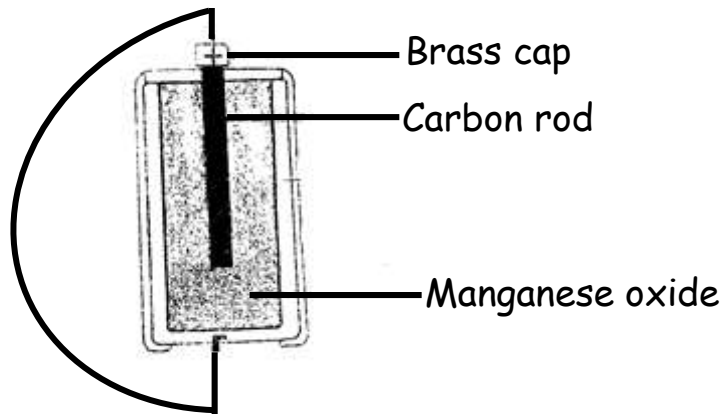
17. Name the largest air component in the atmosphere.

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18. In which one way are birds similar to fish in the way of reproduction?

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19. Put an arrow in the diagram below to show the flow of electric current.



20. Why do poultry farmers keep layers chicken?  
\_\_\_\_\_
21. Mention one way of controlling worm infestation in goats.  
\_\_\_\_\_
22. Name the exotic breed of sheep kept purposely for wool production.  
\_\_\_\_\_
23. Explain the meaning of the term a joint?  
\_\_\_\_\_
24. Give one type of weather.  
\_\_\_\_\_
25. Why should every home have a plate stand or a rack?  
\_\_\_\_\_
26. Name any one disease that affects the muscular and skeletal system of humans.  
\_\_\_\_\_
27. Why can't photosynthesis take place at night?  
\_\_\_\_\_
28. Write down one disease spread by drinking contaminated water.  
\_\_\_\_\_
29. Differentiate between a ligament and a tendon.  
\_\_\_\_\_

30. How is the use of solar electricity environment friendly?

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31. Give one example of posture.

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32. Which term is used to mean the liquid conductor of electricity?

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33. Name the form of energy stored in a dry cell when the switch is off.

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34. State the importance of wings to insects.

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35. What do we call the vertical arrangement of soil layers?

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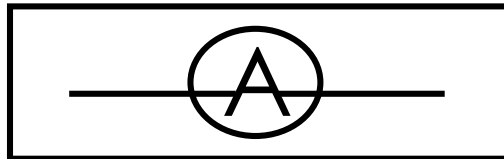
36. Which type of soil is used for making pots?

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37. What are social insects?

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38. Name the symbol of the circuit component shown below.



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39. Give the main cause of an electric short circuit.

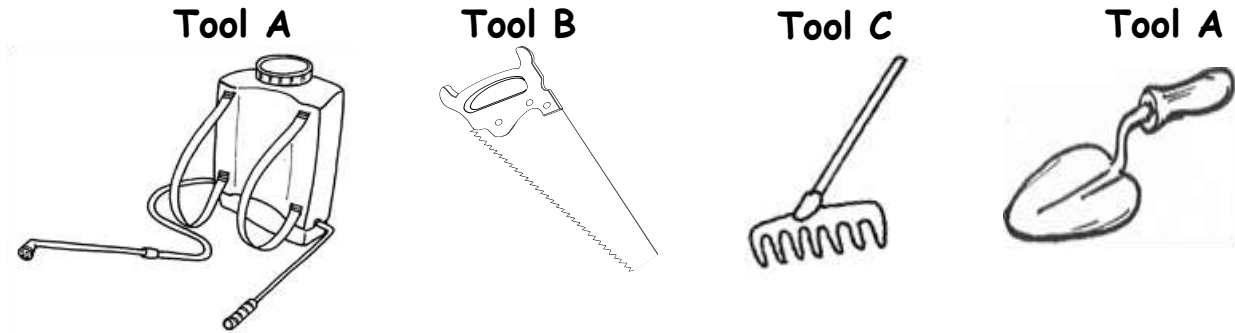
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40. State one importance of a human skeleton to people.

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## SECTION B

41. Below are drawings of garden tools. Study them carefully and answer questions that follow.



a) Name the tools marked;

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

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

b) Give the importance of tools marked;

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

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

42.a) What is a magnet?

\_\_\_\_\_

b) Name two examples of artificial magnets.

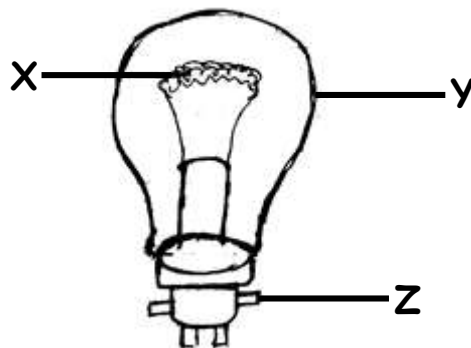
(i) \_\_\_\_\_

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

c) Why is the earth referred to as a natural magnet?

\_\_\_\_\_

43. The diagram below is of an electric appliance. Use it to answer questions that follow.



a) Name the part marked X.

\_\_\_\_\_

b) Give one reason why part marked X is coiled?

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c) Write a reason why part marked Y is made out a transparent material.

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d) Mention one energy change that occurs in the above electric appliance when the circuit is complete.

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44.a) What do we call a mixture of two or more metals?

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b) Give one example of a common mixture of metals.

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c) How does heat move from one point of a metal to another?

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d) Apart from painting, give any other method of preventing metallic objects from rusting.

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45.a) What is dehydration?

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b) Suggest two causes of dehydration in humans.

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

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

c) Mention one sign of dehydration in babies.

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46.a) State any one cause of soil erosion.

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b) How is soil erosion controlled in a school compound?

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c) Mention two types of soil erosion.

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

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

47.a) Name the type of skeleton possessed by each of the following organisms.

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

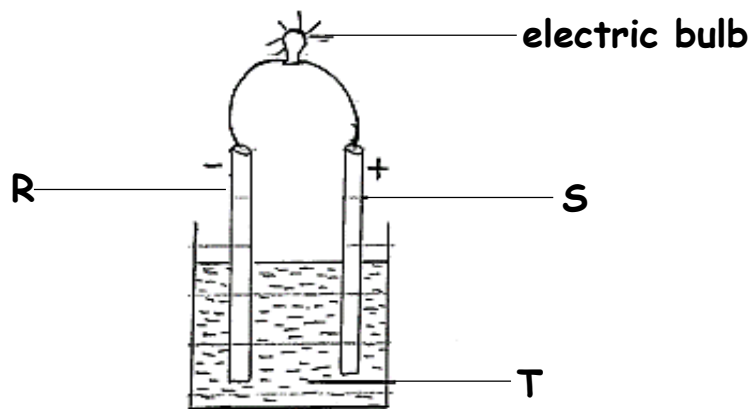
(ii) Grasshoppers \_\_\_\_\_

(iii) Man \_\_\_\_\_

b) Name one immunisable water borne disease that affects the human skeleton.

\_\_\_\_\_

48. The diagram below is of a simple wet cell. Study and use it to answer questions that follow.



a) Name the electrodes plates marked;

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

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

b) Name the electrolyte marked T.

\_\_\_\_\_

c) What is the difference between polarization and local actions as used in wet cells?

\_\_\_\_\_

49.a) Mention any one endo parasite in goats.

\_\_\_\_\_

b) State any one way of controlling ecto parasites in sheep.

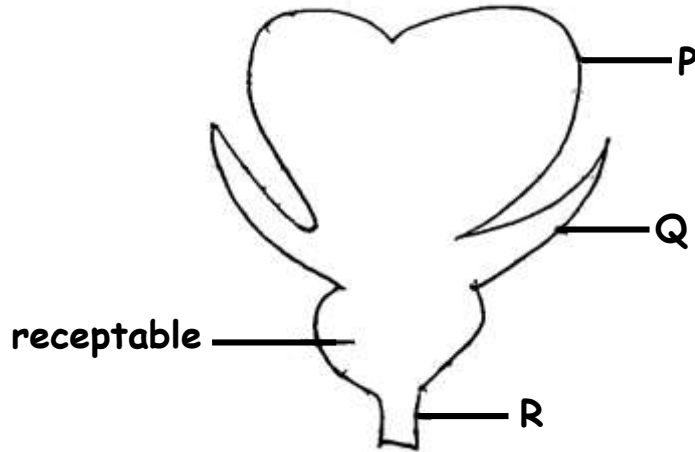
\_\_\_\_\_

c) Give any two effects of intestinal worms to animals.

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

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

50. The diagram below is of a flower. Use it to answer questions that follow.



a) Why is part marked P brightly coloured?

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b) Give two importance of Q to a flower.

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

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

c) In which part of a flower does fertilization take place?

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51.a) Name the germ that causes COVID-19 in humans.

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b) In which two ways can one control the spread of COVID-19 in people.

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

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

c) State one danger caused by COVID-19 in our communities.

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52.a) What do we call the blood cells that transport oxygen in the body?

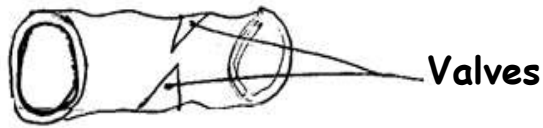
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b) Why does blood go to the lungs before being taken to all body parts?

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c) Name the blood vessel shown below.



d) Which type of blood is carried by the vessel shown above?

\_\_\_\_\_

53.a) How important are following structures to insects;

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

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

b) Mention one example of a dangerous insect to people.

\_\_\_\_\_

c) In which one way are insects important to farmers?

\_\_\_\_\_

54.a) Where do the following plants store their food?

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

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

b) State one importance of plant roots to people.

\_\_\_\_\_

c) How important are leaves to plants?

\_\_\_\_\_

55. Complete the table below correctly.

Disease	Mode of administration	Vaccine	Site
Polio	Through drops/orally	_____	Mouth
tuberculosis	Through injection	BCG vaccine	_____
_____	Through injection	Measles vaccine	Left upper arm
Hepatitis B	_____	Hep B vaccine	Left upper thigh