

**MOTHERCARE PREPARATORY SCHOOLS  
END OF FIRST MONTH ASSESSMENT 2021**

**P.6 SCIENCE**

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

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

**SECTION A**

1. Name any one component of soil.

\_\_\_\_\_

2. Mention the part of the human body used to detect salt in food.

\_\_\_\_\_

3. State any one characteristic of physical changes in the environment.

\_\_\_\_\_

4. Give the main difference between vertebrate and invertebrate animals.

\_\_\_\_\_

5. Which type of weather provides us with water?

\_\_\_\_\_

6. Give one way a farmer can prevent bee stings during harvesting of honey.

\_\_\_\_\_

7. Why should a P.6 child groom his/her finger nails?

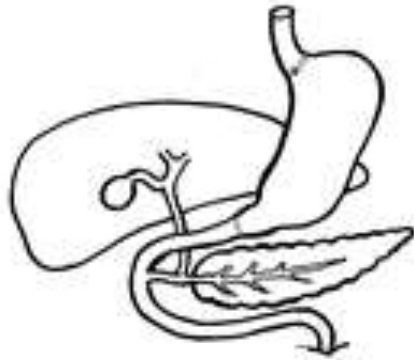
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8. Give one disadvantage of controlling soil erosion by mulching.

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9. The diagram below shows part of the digestive system, use letter L and label the pancreas.



10. Which form of energy is needed to melt an ice block?

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11. How is reproduction of bacteria different from that of fungi?

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12. Give one way people can prevent floods in the environment during heavy rainfall.

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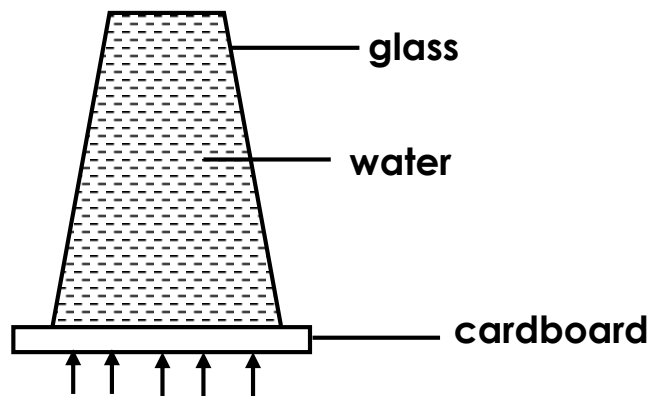
13. Which product of the textile industry is made by using wool?

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14. Why is BCG vaccine administered to babies at birth?

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15. Which property of air is shown in the diagram below?



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16. How important is a canine tooth to a carnivorous animal.

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17. How does sound travel from a drum to the ears of the audience?

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18. What do you understand by the term worm blooded vertebrates?

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20. How can soil erosion be controlled in the school compound?

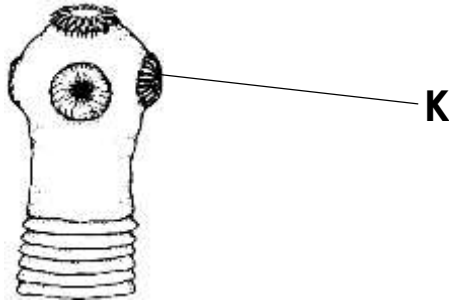
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21. Apart from polio, mention one other disease whose vaccine is administered to babies at birth.

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22. The diagram below shows a head of a tapeworm.



Give the function of part marked **K** to the tapeworm.

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23. Apart from hearing, mention one other use of the ear to the human body.

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24. Give one way parents can prevent accidents to their children caused by electricity at home.

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25. How is a beak of an eagle adapted to its feeding habits?

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26. Why should a rain gauge be placed 30cm above the ground level?

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27. Mention one disease of poultry caused by virus.

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28. Why is DPT vaccine regarded as a triple vaccine?

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29. Give one difference between mass and weight as used in matter and energy.

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30. How does a white blood cell defend the body against germs?

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31. Convert 20°C to °F.

32. How is a foot of a duck adapted to swimming in water?

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33. Why is rusting a disadvantage to pangas and knives we use in the garden?

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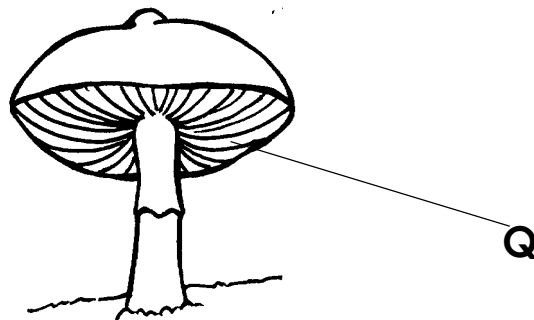
34. State one advantage of keeping bees apart from producing honey.

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35. Give one way of preventing scurvy among children in our community.

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36. The diagram below shows a mushroom.



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Give the function of part marked **Q** to a mushroom.

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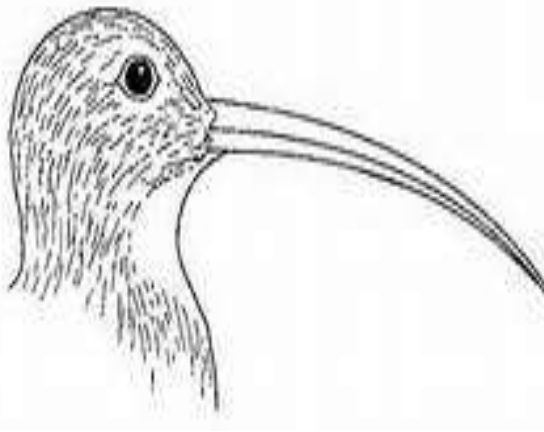
37. Why should blood be first pumped to the lungs before it circulates to other parts of the body?

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38. How does heat from the sun reach the earth's surface?

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The diagram below is of a beak of a bird. Use it to answer questions that follow.



39. How is the beak above adapted to its function of sucking nectar from flowers?

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40. Give one danger caused by prolonged drought in the environment.

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## SECTION B

41 (a) What do you understand by the term farm records?

\_\_\_\_\_

(b) Give two examples of farm records used by farmers on a farm.

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

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

(c) State one advantage of keeping records on a poultry farm.

\_\_\_\_\_

42(a) Which type of immunity does a body acquire

(i) through birth?

\_\_\_\_\_

(ii) through immunisation?

\_\_\_\_\_

(b) How is measles vaccine administered?

\_\_\_\_\_

(c) Name one disease prevented by using DPT vaccines.

\_\_\_\_\_

43.a) Give one example of root tuber.

\_\_\_\_\_

b) Which food value do you get when you eat the root tuber you have mentioned above?

\_\_\_\_\_

\_\_\_\_\_

(c) Which food is made by plants during photosynthesis?

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(d) Why can't photosynthesis take place at night?

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44. Suggest a reason why a rabbit is referred to as a mammal.

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(b) Give one example of a monotreme mammal.

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(c) In one sentence, give meaning of invertebrates.

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(d) Name one example of an odd toed ungulate.

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45.a) Which state of matter is ice?

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b) Which form of energy is needed to change ice into water?

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c) By what process does heat travel through

(i) solid state of matter?

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(ii) gaseous state of matter?

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46.a) What role is played by the sun during the formation of rainfall?

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b) Which weather instrument can be used to measure the amount of rainfall received?

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c) Mention one advantage of wind to crop farmers.

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d) How can wind be dangerous in the environment?

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47.a) Why are reptiles referred to as cold blooded vertebrates?

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b) Mention two examples of reptiles in the environment.

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

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

c) Why do reptiles moult?

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48.a) What is soil profile?

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b) Name the layer of soil that supports plant growth.

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c) Which type of soil is suitable for ceramics?

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d) Name any one living component of soil.

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49. Match the following correctly.

<b>Food value</b>	<b>Deficiency disease</b>
Vitamin D	Kwashiorkor
Carbohydrates	Night blindness
Vitamin A	Rickets
Proteins	Marasmus

(i) Vitamin D

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(ii) Carbohydrates

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(iii) Vitamin A

---

(iv) Proteins

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50.a) What do you understand by the term pollination?

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b) Mention one non-living agent of pollination.

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c) What happens to pollen when they fall on to the stigma of a flower during pollination?

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d) Give one change which occurs in a flower after pollination and fertilization.

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51.a) What term is used to mean the act of rearing bees?

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

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

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

c) Give one cause of swarming in bee management.

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52.a) What do you understand by the following terms as used in sound.

(I) pitch

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(II) volume

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(III) echo

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(b) How can pitch of a stringed musical instrument be raised?

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53.a) State the items a fairy needs to have to ensure proper disposal of;

(i) faeces

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(ii) rubbish

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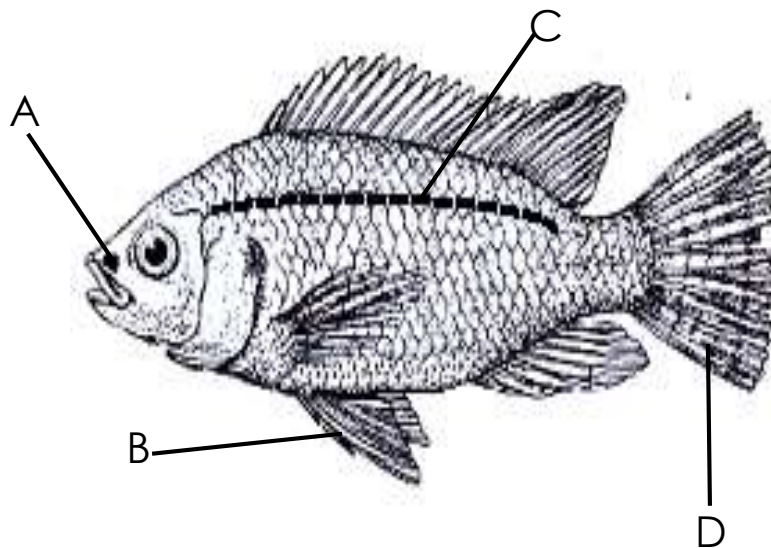
(b) Give one danger of poor disposal of faeces.

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(c) Name one disease which is likely to break out due to disposal of faeces.

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54. The diagram below shows a fish, study it carefully and answer questions that follow.



(a) Name parts marked

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

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

(b) Give the function of part marked C.

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(d) Why is the body of a fish streamlined?

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55.a) Name the gas that supports burning.

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b) In which way is germination similar to burning.

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c) Mention two examples of rare gases.

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

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