

MOTHERCARE PREPARATORY SCHOOLS
ASSESSMENT WORK TERM II 2020 - SET 2
P.5 INTEGRATED SCIENCE

NAME: _____ **STREAM** _____

BRANCH: _____

SECTION A

1. Give any one type of soil.

2. How useful are prop roots to plants?

3. Which component of air occupies the largest percentage in the atmosphere?

4. Mention the female sterile bee in a bee hive.

5. Which type of leaf venation is shown in the diagram below?



6. State one way we care for our crops in the school garden.

7. Identify the part of the flower drawn in the diagram below.



8. Where in man does digestion of food end?

9. Name one cause of dehydration in children.

10. How does heat travel through solids?

11. In which one way can we make water safe for drinking?

-
12. What term is used to mean a combination of two or more substances?
-
13. How useful is a thermos flask at home?
-
14. How is the reproduction of yeast different from other fungi?
-
15. Mention any one example of a farm record.
-
16. What is the normal body temperature of a person?
-
17. How do tapeworms enter our bodies?
-
18. Mention any one type of chicken kept in Uganda.
-
19. Give one reason why farmers harvest their crops during the dry season.
-
20. State any one advantage of mulching the garden.
-
21. Why should victims of dehydration be given plenty of ORS to drink?
-
22. Name the garden tool farmers commonly use to harvest cereal crops.
-
23. From the list given below, identify the mineral salt that helps in the proper growth of teeth and bones.
Calcium, iron, sodium and iodine.
-
24. Mention one object that floats on water.
-

25. Which component of soil makes it fertile?

26. Below is an item used to promote sanitation at school?



Name the item.

27. State the type of soil used when cleaning utensils.

28. Name the type of family where we find Babirye and her relatives.

29. Which food value do we obtain from eating honey?

30. Give the importance of water during seed germination.

31. Why is DPT vaccine referred to as a triple vaccine?

32. In which way can a farmer improve on the local breeds of chicken?

33. Name one requirement of a clean home.

34. Why do some crop farmers put scare crows in their gardens?

35. Mention any one process involved in rain formation.

36. Give one function of hydrochloric acid produced in the stomach walls.

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

38. Give the importance of ventilators on a house.

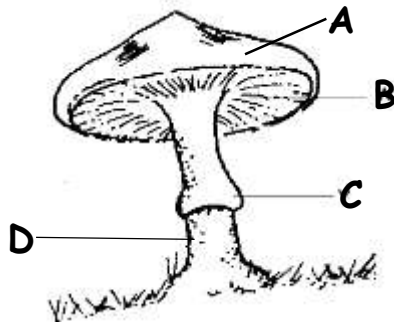
39. Name the digestive juice stored in the gall bladder.

40. Identify the type of compound leaf shown below.



SECTION B

41. Below is a diagram of a mushroom. Use it to answer questions that follow.



a. Name the parts marked with letters:

(i) A _____

(ii) B _____

b. What is the function of the part marked "B"?

c. How does a mushroom reproduce?

42.a. What term is used to mean the practice of keeping bees?

b. State the role of each of the following types of bees;

(i) Queen bee _____

(ii) Drone bee _____

c. What name is given to the larva stage of a bee?

43.a. What term refers to the vertical arrangement of soil layers?

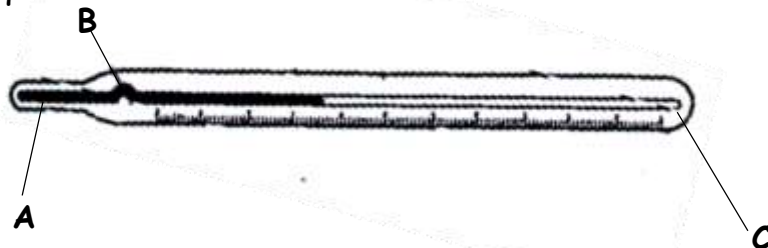
b. Why is loam soil the best for crop growing?

c. Write down any two components of soil.

(i) _____

(ii) _____

44. Below is a diagram of a clinical thermometer. Use it to answer the questions that follow.



a. Name the parts marked with letters.

(i) **A** _____

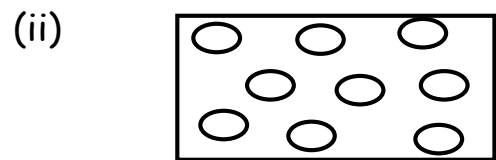
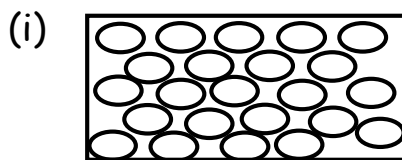
(ii) **B** _____

b. How useful is part marked **B** on a clinical thermometer?

c. Name any one part on the human body where a clinical thermometer is placed when measuring the temperature.

45.a. What is matter?

b. Identify the states of matter shown below.



c. Why is air referred to as matter?

46. Complete the table below correctly.

Disease	Vaccine	Site
Polio	Polio vaccine	(i) _____
Tuberculosis	(ii) _____	Right upper arm
(iii) _____	DPT vaccine	Left upper arm
Measles	(iv) _____	Left upper arm

47.a. Give any two examples of root crops.

(i) _____

(ii) _____

b. Mention any one example of a root crop pest.

c. How can a farmer control root crop pests in the garden?

48.a. What term is used to mean unwanted plants in the garden?

b. Give any two examples of unwanted plants in the garden.

(i) _____

(ii) _____

c. Mention any one way of controlling unwanted plants in the garden.

49.a. Name the instrument which is used for seeing bacteria.

b. How do bacteria reproduce?

c. In which two ways are bacteria harmful to human beings?

(i) _____

(ii) _____

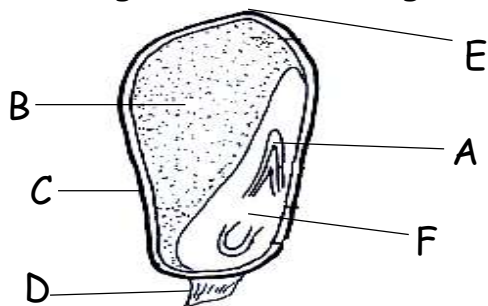
50.a. What name is given to the chemical substances that speed up the digestion of food in the human body?

b. Name any one type of digestion.

c. State any one importance of saliva during the process of digestion.

d. Mention any one disease that can attack the digestive system.

51. Below is a diagram of a maize grain. Use it to answer questions that follow.



a. Name the parts marked with letters;

(i) D _____

(ii) F _____

b. State the importance of part marked "B" to a maize grain.

c. Which type of germination does a maize grain undergo?

52.a. State any two characteristics of insects.

(i) _____

(ii) _____

b. How are the following parts useful to an insect?

(i) halteres;

(ii) antennae;

53.a. What causes kwashiorkor in children?

b. Apart from Kwashiorkor, mention any other three examples of deficiency diseases.

(i) _____

(ii) _____

(iii) _____

54.a. Give two methods of planting crops.

(i) _____

(ii) _____

b. State the importance of the following garden tools;

(i) forked hoe:

(ii) rake:

55.a. Give the meaning of brooding.

b. Write down the two types of brooding.

(i) _____

(ii) _____

c. State any one disadvantage of free range system or rearing poultry.

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