MOTHERCARE PREPARATORY SCHOOLS

ASSESSMENT ONE - 2021

PRIMARY SIX INTEGRATED SCIENCE

Name: _____ **Stream:** _____

Branch: _____

SECTION A

1. What do we call the study of living and non-living things?

   _____

2. Write one advantage of weeding as applied in crop growing.

   _____

3. Why is it advisable to boil water for drinking?

   _____

4. Name the gas which plants use to make their own food?

   _____

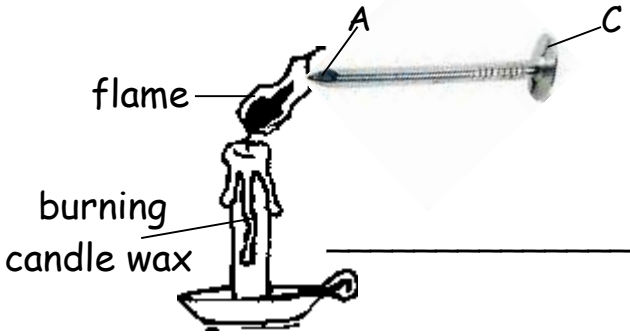
5. How can a P.6 pupil obtain salt from a solution of salt and water?

   _____

6. Give one similarity between burning and germination.

   _____

7. How does heat move from point ***A*** to ***C*** on the nail shown below.



   _____

8. State the role of a drone bee in the hive.

   _____

9. Write down one product got from cattle.

   _____

10. Mention one characteristic of an insect.

    _____

11. What is a resource?

    _____

12. Name the hardest part of a tooth.

_____

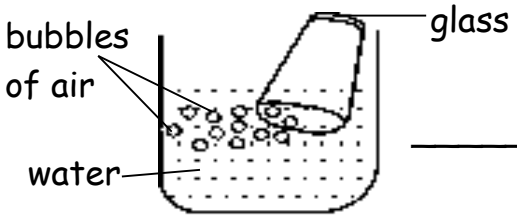
13. Why is a cow referred to as a ruminant animal?

_____

14. Write one method of administering a vaccine to babies.

_____

15. Identify the property of air shown below.



_____

16. What germ causes malaria?

_____

17. State one way of preventing faecal diseases.

_____

18. Which term refers to the arrangement of soil layers vertically?

_____

19. How does crop rotation improve soil fertility?

_____

20. Mention the group of invertebrates with a segmented bodies and jointed legs.

_____

21. Briefly give the meaning of the term "digestion."

_____

22. Why are gaps left between rails of railway lines?

_____

23. Give the main reason farmers rear merino sheep.

_____

24. State one activity done at a health parade.

_____

25. Name the class of food that is directly absorbed into blood without being digested.

_____

26. By what process does heat travel through a vacuum?

_____

27. Write one activity done by a child to keep the body clean.

_____

28. Identify the type of leaf venation shown below.

_____

29. How do bacteria reproduce?

_____

30. Of what importance are earthworms to soil?

_____

31. State one way we can conserve wildlife.

_____

32. Write the vaccine administered to children at 9 months.

_____

33. Mention the component of blood that fights germs in the body.

_____

34. Give one similarity between chemical and biological changes.

_____

35. In the space below, draw the body shape of dairy cattle.

36. Why isn't it advisable to clean the ear using sharp objects?

_____

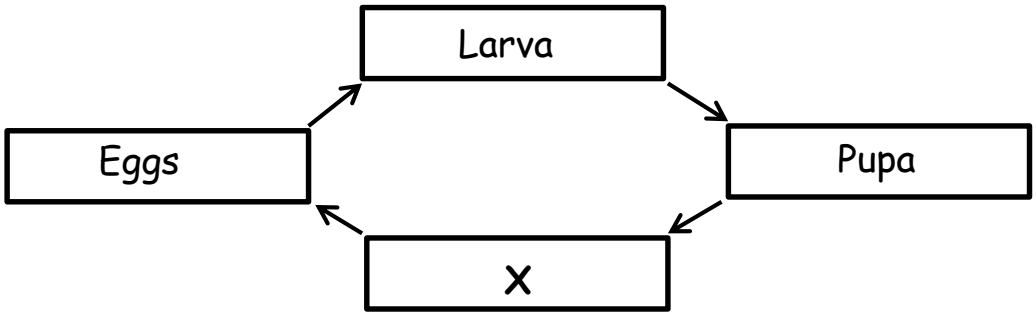
37. Name the gas used to put out fire.

_____

38. What activity can one do to keep the heart healthy?

_____

39. Complete the lifecycle below by filling in the box with letter **X** correctly.



40. Write O.R.S in full.

_____

SECTION B

41.a) What is drug misuse?

_____

_____

b) Write down two ways people misuse drugs.

(i) _____

(ii) _____

c) Give one example of an essential drug.

_____

42.a) State the method of preserving food where the sun is used.

_____

b) Apart from the above method, write down two other methods of preserving food.

(i) _____

(ii) _____

c) Give one reason why we preserve food.

_____

43. Use the diagrams of blood vessels below to answer the questions that follow.

a) Name the blood vessels marked:

(i) **A** _____ (ii) **B** _____

b) Give one structural difference between blood vessel A and B.

_____

c) Mention the bad health habit that causes narrowing of blood vessels.

_____

44. Match the following farm activities in list **A** to their advantages in list **B**.

A	**B**
Mulching	reduces competition for plant nutrients.
Pruning	prevents overcrowding.
Thinning	reduces the weight of a plant.
Weeding	controls soil erosion in a garden.

a) Mulching _____

b) Pruning _____

c) Thinning _____

d) Weeding _____

45.a) What are dairy cattle?

_____

_____

b) Write down two examples of exotic dairy breeds of cattle kept in Uganda.

(i) _____

(ii) _____

c) How important is a lactometer to a milk buyer?

_____

46.a) Why are plants referred to as renewable resources?

_____

b) Apart from plants, mention two other examples of renewable resources.

(i) _____

(ii) _____

c) State one way of conserving plants in an area.

_____

47.a) Give one disease of the respiratory system.

_____

b) Why isn't it advisable to breathe through the mouth?

_____

c) State the structures where gaseous exchange occurs in the lungs.

_____

d) Give a reason why the trachea is made up of rings of cartilage.

_____

48.a) What is an accident?

_____

_____

b) Mention any two causes of road traffic accidents.

(i) _____

(ii) _____

c) Write the difference between a burn and a scald.

_____

49. Complete the table correctly.

Food value	**Deficiency disease**
Vitamin A	(i)
(ii)	Kwashiorkor
(iii)	Goitre
Carbohydrates	(iv)

50.a) Which clouds bring rain?

_____

b) Give the importance of the sun in the water cycle.

(i) _____

(ii) _____

c) Name the physical process that forms rain.

_____

d) Write one domestic use of water.

_____

51.a) What is swarming of bees?

_____

b) Give two reasons why bees swarm.

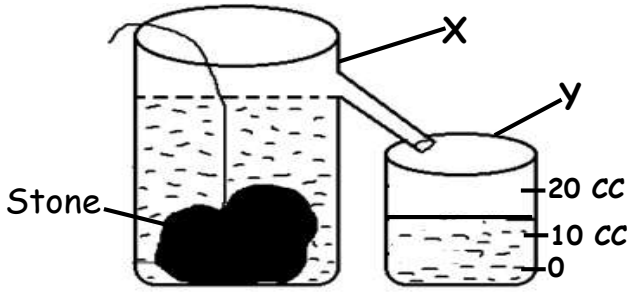
(i) _____

(ii) _____

c) State one factor to consider when setting-up a hive.

_____

52. The experiment below was carried out by a P.5 class to find the volume of a stone. Use it to answer questions that follow.



a) Identify the container marked X and Y.

(i) **X** _____ (ii) **Y** _____

b) What is the volume of the stone?

_____

c) State the method of finding the volume of the stone shown above.

_____

53.a) Write CDD in full.

_____

_____

b) State two ways of controlling faecal diseases at home.

(i) _____

(ii) _____

c) Besides CDD, mention one other element of PHC.

_____

54.a) What do we call plants which do not bear flowers?

_____

b) Give two examples of plants which reproduce by means of spores.

(i) _____

(ii) _____

c) Give the reason why mushrooms are not regarded as plants.

_____

55.a) How are monotremes similar to fish in terms of reproduction?

_____

b) Why are monotremes grouped under mammals?

_____

c) Apart from monotremes, give any other two groups of mammals?

(i) _____

(ii) _____

-End-