

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.

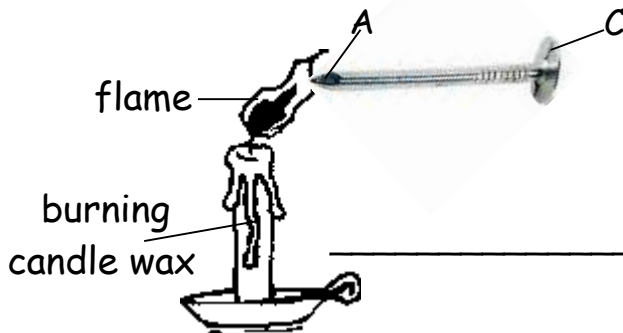
3. Why is it advisable to boil water for drinking?

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.

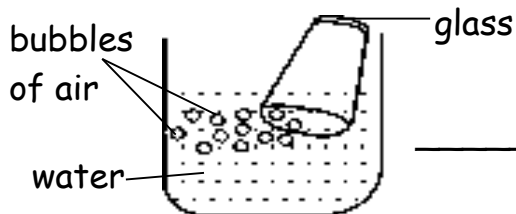
11. What is a resource?

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.

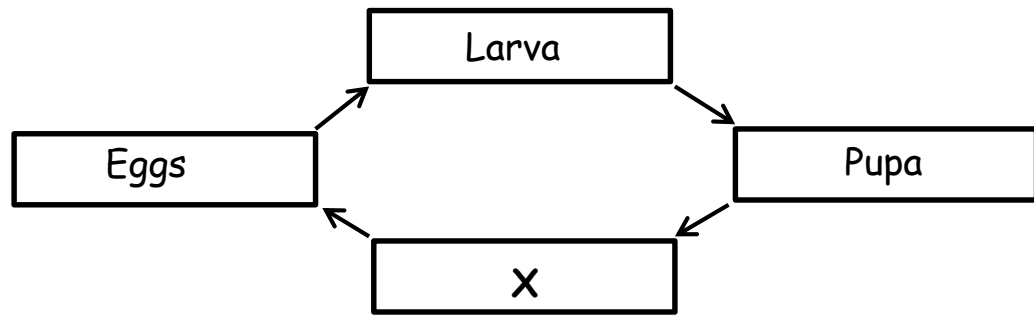


36. Why isn't it advisable to clean the ear using sharp objects?

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?

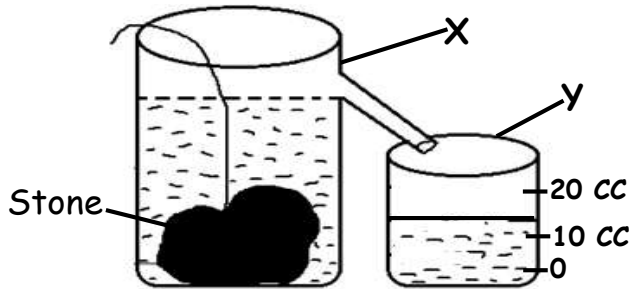
b) Give two reasons why bees swarm.

(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) _____

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