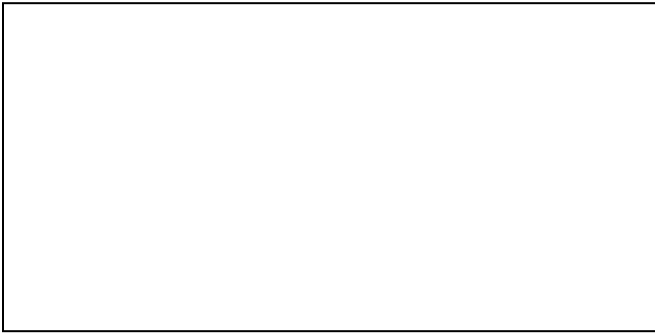


1. Name the organisms found in root nodules.

2. Give any one use of trees around a home.

3. In the space below, draw a diagram showing hypogeal germination



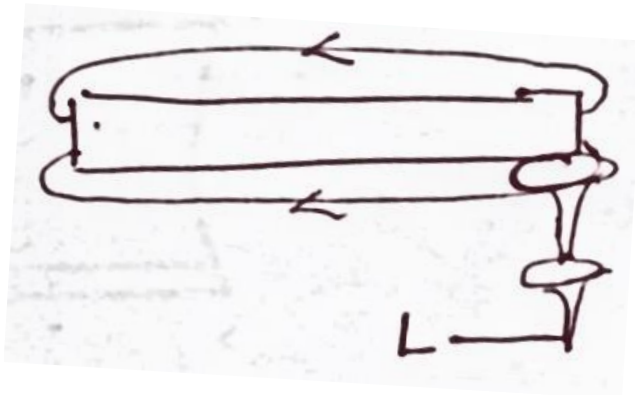
4. Which part of a cow is attacked by a disease detected by using a strip cup?

5. Which condition leads to goiter?

6. Give one reason why water is used in the making of ORS.

7. Why is immunization in Uganda given to children freely?

The diagram below, shows a method of making magnets. Use it to answer questions 8 and 9.



8. What method of making magnets is drawn above?

9. Identify pole marked L.

10. At what stage of growth is a frog similar to a fish in terms of breathing?

-
11. How are poultry pests controlled?
-
12. Name one pest that destroys maize plant.
-
13. Give one difference between plants and animals.
-
14. Write the component of soil that is formed from plants and animals remains.
-
15. Why is it important to carry out mulching in crop growing?
-
16. Give one plant that can be grouped together with mosses.
-
17. State any one law that governs the taking of alcohol in Uganda.
-
18. Give any one use of paraffin at home.
-

Use the diagram of blood vessel drawn below to answer question 19

19. Using arrows (→) show the direction of flow of blood in the blood vessel above.
-
20. How is the flow of electrons different from that of current?
-
21. Give the digestive function of the pancreas.
-
22. What type of change occurs when an electric filament burns?
-

-
23. Identify any one disadvantage of treating water using chemicals.
-
24. Apart from producing sperms, give another use of testes in a male reproductive organ.
-
25. Mention any one substance that is used in fire extinguishers.
-
26. Give any one reason why people use a wheel barrow to carry heavy loads.
-
27. Why should motorcyclists wear helmets?
-
28. Write any one step used to obtain clean milk from a cow.
-
29. State any one way of reducing moisture in a poultry house.
-

The diagram below shows a fruit. Use it to answer questions 30 and 31.



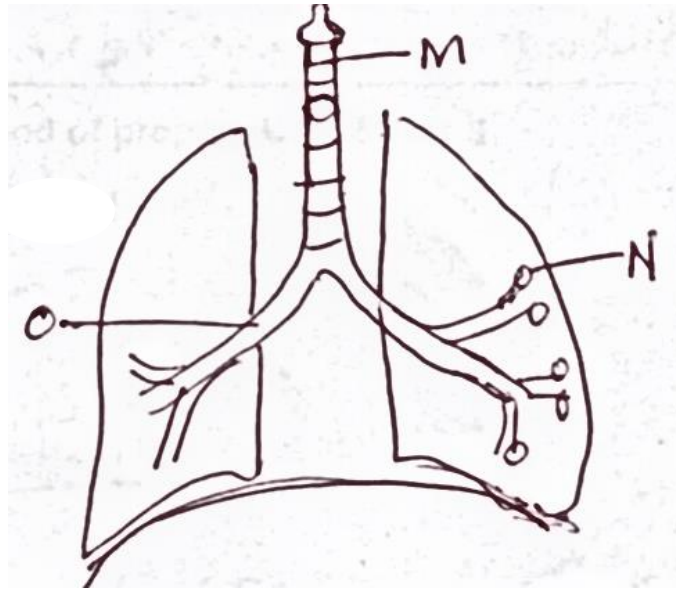
30. How does the above seed disperse?
-
31. Give a reason for the mode of dispersal mentioned in number 30 above.
-
32. How does overgrazing affect the soil?
-
33. Write any one characteristic of energy.
-
34. Give any one way the skin regulates body temperature during cold weather.
-

-
35. State any one danger of alcoholism to an individual.
-
36. How do soft boards prevent echoes in a cinema hall?
-
37. Which delicate body organ is protected by the backbone?
-
38. Write any one of the 5Rs as used in waste management.
-
39. Mention any one life skill that can help to prevent sexual deviations.
-
40. How can a six's thermometer be reset?
-

SECTION B: 60 MARKS

41. a) Name the best food for two months old babies.
-
- b) Why is it not advisable for HIV positive mothers to breast feed their babies?
-
- c) Under what conditions are mothers not advised to breast feed their babies?
- i) _____
- ii) _____
42. a) Name any one type of latrines.
-
- b) How far should a pit latrine be from a water source?
-
- c) Give the function of a screen on a pit latrine.
-
- d) Why should VIP latrines have spiral walls?
-

43. The diagram below is of a respiratory system, use it to answer the following question 43.



- a) Name the parts marked M and O.
i) M _____ ii) O _____
- b) Why is part marked M made of cartilage rings?

- c) Give any one way part N is adapted to its function

44. a) An alloy is the mixture of two or more metals. Give any two examples of alloys

- b) State any one reason for making alloys.

- c) Mention any one effect of heat on metals.

45. The illustration below shows one of the processes that take place in the human body
- Glucose + Oxygen \longrightarrow Energy, carbon dioxide and water vapour**
- a) Name the process shown above.

- b) State two ways the above process is important to the human body.
i) _____
ii) _____
- c) How do plants benefit from the above process?

46. a) Mention any two materials for making biogas.

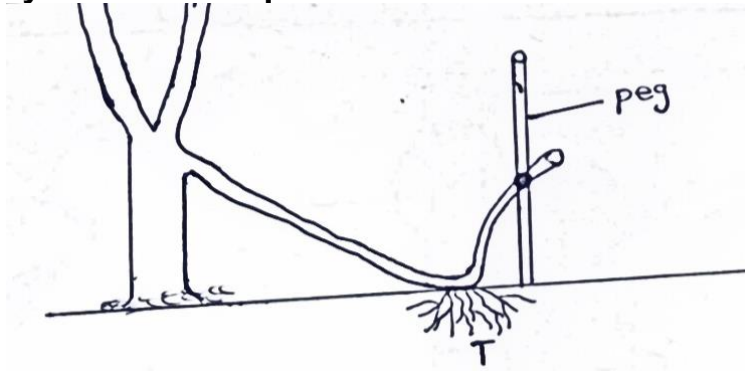
b) How does the use of biogas conserve the environment?

i) _____

ii) _____

c) How do crop farmers benefit from biogas production?

47. The diagram below shows a vegetative method of propagation. Study it carefully and answer question that follow 47.



a) Name the method shown above.

b) Write any one fruit tree propagated by using the above method.

c) Give any two advantages of vegetative propagation.

i) _____

ii) _____

48. a) Why are the elderly regarded to be vulnerable?

b) Mention any two PHC activities a P.7 child can perform to help the elderly.

i) _____

ii) _____

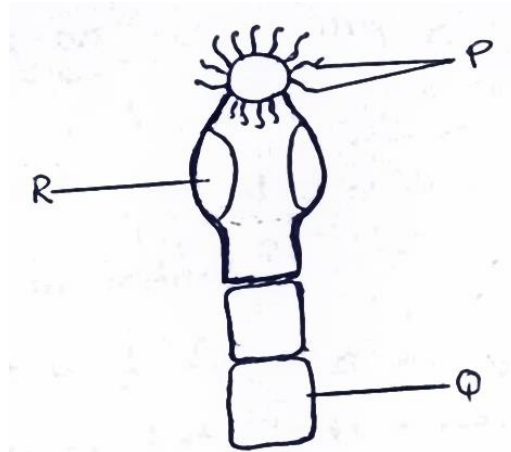
c) Why are pregnant women fed on much food rich in proteins?

49. a) Identify any two breeds of rabbits kept by farmers in Uganda.

b) Give one advantage of rearing rabbits over cattle.

c) Why should hutches be raised off the ground?

50. The diagram below shows an intestinal worm. Use it to answer question that follow 50.



a) Name one bad health habit which can lead to infestation of the above worm.

b) What does the above worm feed on?

d) Give any one way of controlling intestinal worms among children.

51. a) What is cross pollination?

b) Name one agent of pollination during night.

c) State one way paw paw plants are adapted to the type of pollination they practice.

d) How is the filament important on a flower?

52. In four sentences write the steps of marking ORS locally

53. a) Mention any one non-living component of the environment.

b) State two ways of conserving plants in the environment.

i) _____

ii) _____

c) How do wet lands control floods in the environment?

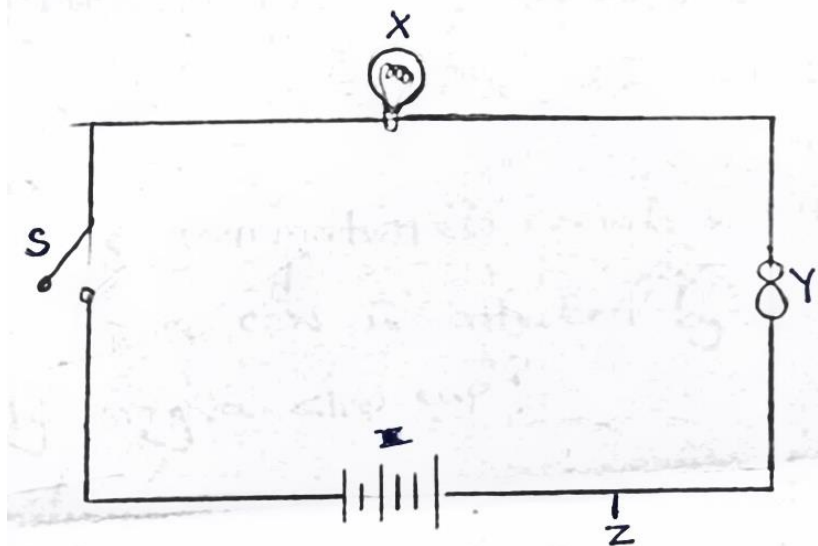
54. a) What causes AIDs in babies?

b) How does AIDS affect the body of a person?

c) Give one PIASCY message that helps to prevent the spread of AIDS among adolescents.

d) State any one disease that can be mistaken for AIDs.

55. **The diagram below shoes a simple electric circuit. Study it and answer questions that follow**



a) Name part marked Z.

b) How is the function of S different from that of Y?

c) What will happen to part X when the circuit is completed?

d) Give any one way of controlling short circuit in a home

END