

SECTION A

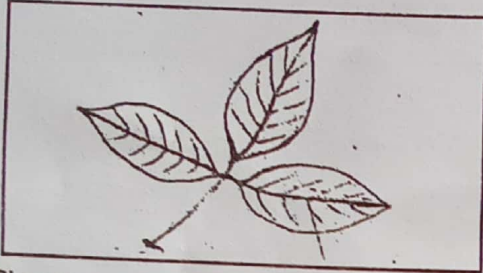
1. Name anyone example of a leguminous crop.

2. What type of change is burning to ash?

3. How important is painting of metals.

4. How does alcoholism affect an individual?

5. Name the type of compound leaf shown in the diagram below.



6. Give any one reason why mercury is used in a thermometer.

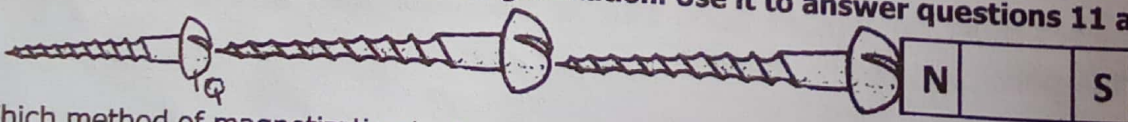
7. In which one way is water used as an energy resources.

8. Name the vector that transmits germs for elephantiasis.

9. How do boat users benefit from upthrust force?

10. Name any one by- product of respiration in a human body.

The diagram below shows a method of magnetization. Use it to answer questions 11 and 12.

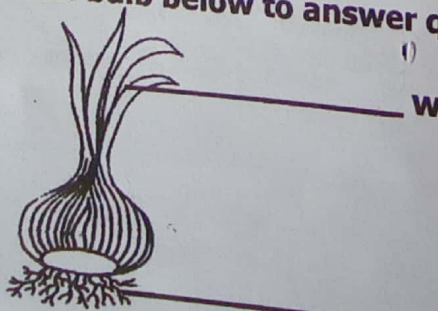


11. Which method of magnetization is shown above?

12. Name pole Q shown above.

13. Name any one group of invertebrates.

Use the diagram of an onion bulb below to answer questions 14 and 15.



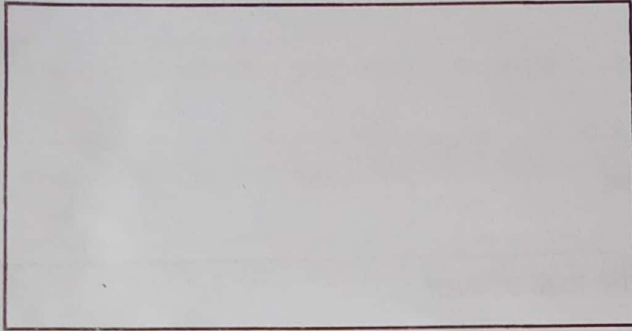
14. Name the type of root marked V. _____

15. State any one importance of part W to a plant. _____

16. Why are we advised to boil water for drinking? _____

17. Write down any one thing that attracts insect pollinators to flowers at night. _____

18. In the space below draw a diagram to show that air exerts pressure



19. Why is loam soil able to absorb heat from the sun than clay soil? _____

20. Mention any one item that can be used to promote sanitation at school. _____

21. How does mulching control growth of weeds in a garden? _____

22. How important is a stretcher in first aid giving? _____

23. State any one way of saving electricity at home. _____

24. What is the unit used in measuring weights? _____

25. On which body division of an insect are legs attached? _____

26. Name the type of bee in a hive that mate with the queen. _____

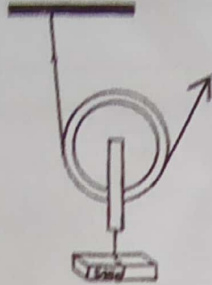
27. Why is a pair of scissor grouped as a simple machine? _____

28. State any one importance of planting grass in a school compound besides beauty. _____

29. What is a joint? _____

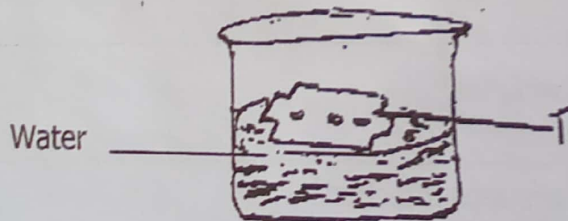
30. How is the movement of a hinge joint different from that of ball and socket joint?
31. How does paint prevent metallic tools from rusting?
32. Name the vaccine which is given to children on the right upper arm by injection.

Use the diagram of a machine below to answer questions 33 and 34



33. Name the type of pulley system above.
34. How much effort is needed to raise the load above?
35. Name the garden tool that farmers use to provide water to their crops during dry season.
36. Name one example of a project that can be done in a school.
37. Name one farm practice that controls inbreeding in cattle.
38. How is reproduction in horsetails different from that of a tomato plant?

Use the illustration below to answer questions 39 and 40.



39. Name the machine marked T.
40. Which force has made the machine to remain on top of water as shown?

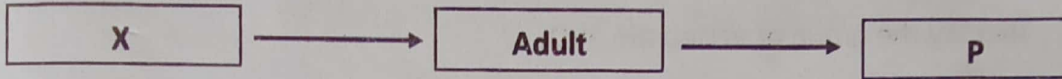
SECTION B

41. What is soil erosion? _____
- b) Identify any one way of controlling soil erosion in hilly areas.

c) State any one danger of soil erosion in an area.

d) In which one way is soil erosion important to people who live at the foot of hills and mountains?

42. The diagram below is of a life cycle of a vector. Study it carefully and answer questions that follow.



a) Name stage X

b) Why is the above life cycle called incomplete metamorphosis?

c) In which one way is stage X different from its adult.

d) Identify any one insect vector with the cycle above.

43. a) Identify any one natural source of heat on earth besides the sun.

b) How does heat travel through water and gases?

c) Why does heat travel by the process above in water and gases?

d) Name any two effects of heat on matter.

(i)

(ii)

44. The illustration below show common management practice in poultry farmers. Use it to answer questions that follow.



a) Which management practice is shown above?

b) Identify any one form of cannibalism in poultry.

c) How does the practice illustrated above prevent egg eating?

d) In which one way can the practice above be dangerous to the birds?

45. The table below shows organization in the environment. Use it to answer questions that follow.

A	B	C	D	E
amphibians	fish	mammals	_____	Birds

a) Identify the group of vertebrate at D.

b) Why are the above groups of animals called vertebrates?

c) How are amphibians and animals at B similar in their mode of reproduction?

d) Name one example of animal in group B.

46. The diagram below is of a kidney. Study it carefully and use it to answer questions that follow.



a) Name part marked Y

b) Which important process takes place at Z?

c) Why is the above organ considered an excretory organ?

d) Apart from eating balanced diet, state one other way of maintaining proper functioning of the kidneys.

47.a) What is pollination?

b) Name any two groups of animal agents of pollination.

(i) _____

(ii) _____

c) In which one way do flowering plants control self-pollination?

48.a) Name the method of making alcohol that require heat.

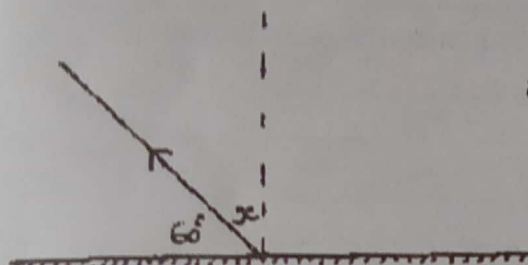
b) Name two physical changes involved during the process .

(I) _____

(II) _____

c) Name the final / last outcome collected during that process.

49. Use the illustration below to answer questions that follow.



a) Complete the illustration to show regular reflection

b) Name the ray of light shown on the illustration.

c) Calculate to find the size of angle X (2 marks)

50. Match A and B correctly

A

Agroforestry

Afforestation

Crop rotation

Deforestation

i. Agroforestry

ii. Afforestation

iii. Crop rotation

iv. Deforestation

B

destruction of plants.

planting different crops seasonally.

planting crops alongside trees.

planting trees on large scale.

51.a) Name any one biological change in humans.

b) In which one way are biological changes similar to chemical changes?

c) Apart from biological and chemical changes, name any other type of change in the environment.

52.a) What are communicable diseases?

b) Write down any one example of communicable disease.

c) Write down any two ways communicable diseases are spread from a sick person to a healthy one?

(i) _____

(ii) _____

53. How important are the following parts of a male reproductive system in humans?

(i) Testes: _____

(ii) Scrotum _____

(iii) Epididymis _____

(iv) Seminal vesicle _____

54. a) What is personal hygiene? _____

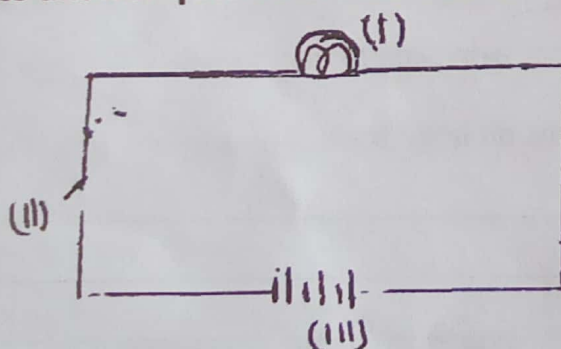
b) Mention any two activities a P7 child should do daily to promote personal hygiene

(i) _____

(ii) _____

c) Identify any one tool we use to promote personal hygiene.

55. The illustration below shows a simple electric circuit. Study it carefully and use it to answer questions that follow.



a) Name the parts.

(i) _____

(ii) _____

(iii) _____

b) Identify any one energy change that takes place at (i) when (ii) is closed

(a) I _____

(b) II _____

== END ==