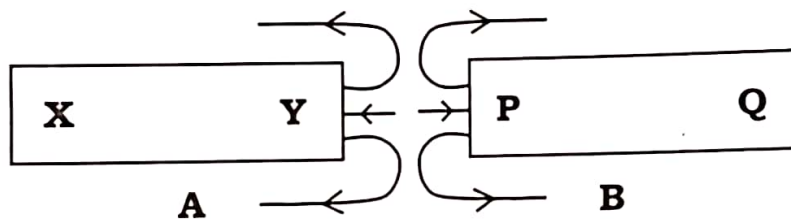


## SECTION A

1. Name one example of an amphibian.  
.....
2. State one use of insects to man.  
.....
3. Besides protection, give one other reason why a chameleon camouflages.  
.....
4. Give one way in which the type of reproduction in mosses is similar to that mushrooms.  
.....
5. In what state of matter is water below  $0^{\circ}\text{C}$ ?  
.....
6. Why does blood go to the kidneys during its circulation?  
.....

**Below is a diagram showing two magnets being brought close to each other. Use it to answer questions 7 and 8.**

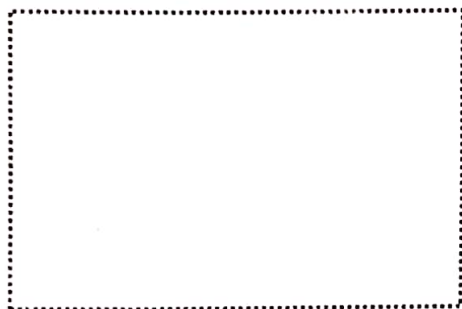


7. State the property of magnets illustrated above?  
.....
8. Name pole **P** of magnet **B**.  
.....
9. Why are bats classified under warm blooded animals?  
.....
10. State one danger of bacteria in our environment.  
.....
11. Why does an earthworm die when cooking oil is poured onto its body?  
.....
12. What form of energy is produced by a dry cell?  
.....
13. How does bush burning lead to soil erosion?  
.....  
.....

14. By what process does a bolus move down to the stomach through the gullet?

15. State any **one** sign of Ebola among patients.

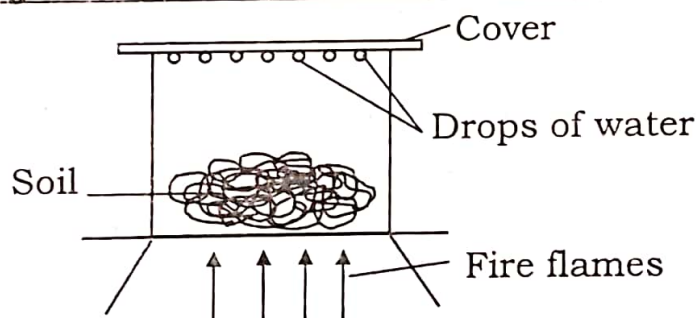
16. **In the space provided below, draw a garden folk.**



17. By what process is soil formed from organic matter?

18. How can you as a P.7 pupil guard yourself from contracting HIV/AIDS?

**Study the diagram below and answer questions 19.**



19. What does the experiment prove about soil?

20. How are valves in the heart similar to a kink of a clinical thermometer?

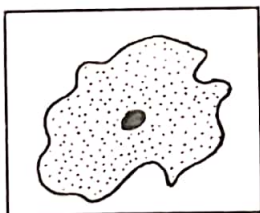
21. Give **one** use of water as an energy resource.

22. By what process does the smoke move out of the kitchen through the chimney?

23. Why can't fats and oils be digested in the stomach?

24. What is **an alloy**?

25. Give **one** reason why the trachea remains open at all times.  
 .....  
 .....
26. What first aid do you give to someone who has had a burn?  
 .....  
 .....
27. Mention **one** condition that must be present for a plant to make starch.  
 .....  
 .....
28. Why are butterflies called solitary insects?  
 .....  
 .....
29. In what **one** way is a fuse similar to a switch in an electric circuit?  
 .....  
 .....
30. Name any **one** item that is found in a clean home.  
 .....  
 .....
31. How are soft boards able to control echoes in cinema halls and theatres?  
 .....  
 .....
32. State the functional difference between arteries and veins.  
 .....  
 .....
33. Give **one** example of a plant fibre.  
 .....  
 .....
34. How are biological changes similar to chemical changes?  
 .....  
 .....
35. How does an alcohol based sanitizer help to control the speed of Covid19?  
 .....  
 .....
36. In the preparation of ORS, why do we wash hands first?  
 .....  
 .....
37. Name the cattle disease that commonly attacks the udder and the teats.  
 .....  
 .....
38. Give **one** way animals benefit from the process of photosynthesis.  
 .....  
 .....
39. How is the blood cell in the diagram below carry out its function?  
 .....



40. Give **one** way in which an old jerrycan can be re-used in our homes.  
 .....  
 .....



## **SECTION B**

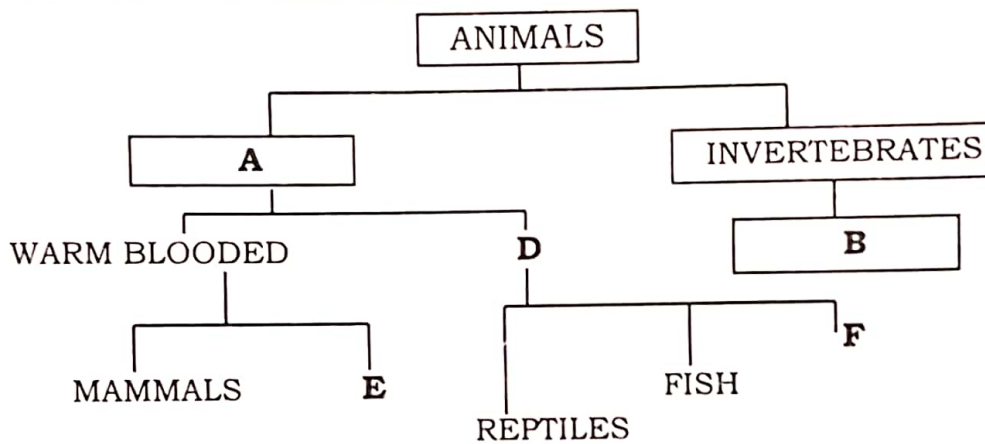
41. a) Name the main source of heat energy in our environment.  
.....

b) Mention one use of heat in our environment.  
.....

c) Other than heat, give one other form of energy that can be reflected.  
.....

d) State one way through which heat travels through matter.  
.....

42. **Complete the table below.**



a) Name the group of animals in each of the following areas.

i) **A** .....

ii) **E** .....

iii) **F** .....

b) Why is fish called a cold blooded animal? .....

43. a) What do we call the practice of covering soil with dry plant materials?  
.....

b) How does the above practice help to maintain soil fertility?  
.....

c) State one way the above practice can be a disadvantage.  
.....

d) Name one material that can be used as mulches.  
.....

44. a) Mention one animal with exo skeleton.  
.....

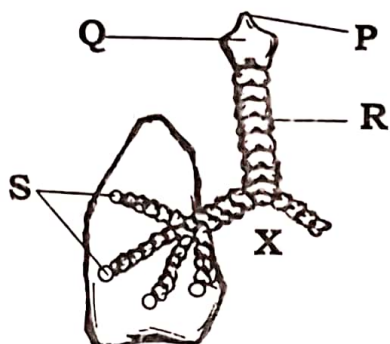
b) Name one example of antagonistic muscles in the body.  
.....

c) What type of movable joint is found in each of the following regions;

i) Neck .....

ii) Hips .....

45. The diagram below shows an internal organ of man.



a) To which body system does the organ belong?

b) What is the use of part labelled P?

c) What body organ is located at X?

d) How are parts labelled S adapted to their function?

46. a) Explain the meaning of the term *weather*.

b) Name the weather element that is necessary for winnowing cereals.

c) State the use of each of the following instruments at a weather station

i) Hygrometer: .....

ii) Anemometer: .....

47. *Mr. Kapere rears local goats in Bamunanika Sub-County.*

a) Name one example of local breeds of goats.

b) Why does Mr. Kapere spend little money on treatment of his goats?

c) Give **two** advantages of rearing goats over cattle.

i) .....

ii) .....

48. a) Mention any **two** causes of sickness in a home.

- i) .....  
ii) .....

b) List down any **two** communicable diseases of the circulatory system.

- i) ..... ii) .....

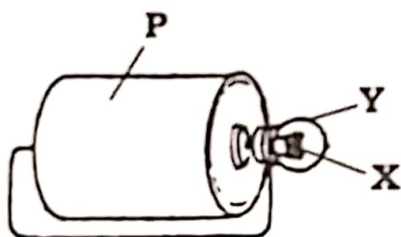
49. a) What is **immunity**?

b) Besides immunization, give **one** other way of acquiring immunity.

c) Why is D.P.T called a triple vaccine?

d) Give a reason why B.C.G vaccine is given at birth.

50. Below is a simple circuit. Use it to answer questions that follow.



a) Name **one** form of energy produced by part **X**.

b) What energy change takes place in part **P** when part **Y** gives light?

c) Give **one** reason why part **X** is coiled.

d) On the diagram, show with an arrow the flow of current.

51. a) Name any **one** accident that is common at school.

b) Give **two** reasons why we give first aid to accident victims.

- i) .....  
ii) .....

c) Why should we give a sweet drink to someone who has fainted?



52. Match items in A with those in B correctly.

**A**

- a) Female Anopheles mosquitoes
- b) Tsetse flies
- c) Houseflies
- d) Rat fleas

**B**

- Trachoma
- Malaria
- Bubonic plague
- Sleeping sickness

- a) Female anopheles mosquitoes .....
- b) Tsetse flies .....
- c) House flies .....
- d) Rat fleas .....

53. a) What is a **drug**? .....
- b) Give **one** use of essential drugs. ....
- c) Why should medical drugs be prescribed? .....
- d) Give **one** factor to consider when prescribing drugs. ....

54. Below is a diagram of an irish potato. Use it to answer questions that follow.



- a) Name parts labelled with letters.
    - i) **P** .....
    - ii) **Q** .....
  - b) How is an irish potato propagated? .....
  - c) Why is an irish potato called a stem tuber? .....
55. a) Write **HIV** in full. ....
- b) Mention **two** body fluids in which HIV can be found.
  - i) .....
  - ii) .....
- c) What blood cells are destroyed by the HIV? .....