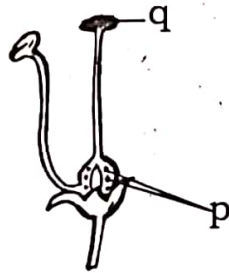


SECTION A

1. Name the main natural source of light in the environment.
.....
2. Give any **one** agent of pollination.
.....
3. Which instrument is used to measure the amount of rainfall received?
.....
4. State any **one** component of soil.
.....
5. What do we call a place where seeds are planted to grow into seedlings before transplanting?
.....
6. State **one** condition needed for photosynthesis to take place.
.....
7. Why do people boil water for drinking?
.....
8. Write down any **one** activity done to prevent Covid - 19.
.....
9. What is the use of a dustbin in a classroom?
.....
10. Name any **one** method of planting seeds.
.....

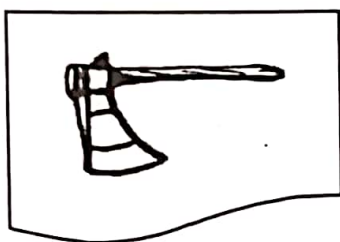
The diagram below shows part of a flower. Use it to answer questions 11 and 12.



11. Name part marked **q**.
.....
12. What does part **P** develop into after fertilization?
.....
13. Give any **one** characteristic of living things.
.....
14. Mention **one** type of germination.
.....

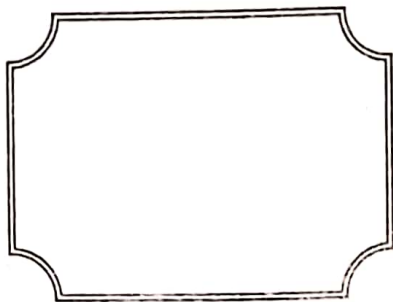
15. Write down **one** component of air in the atmosphere.
.....
16. How does a chameleon protect itself from enemies?
.....
17. Where does cassava plant store its food?
.....
18. Give any **one** use of wind to people.
.....
19. State **one** healthy habit carried out after visiting latrines.
.....

The diagram below shows a garden tool.



20. Name the garden tool shown above.
.....
21. How useful is the above garden tool to farmers?
.....
22. On which part of an insect are legs attached?
.....
23. Name the type of family with; father, mother, biological children and relatives.
.....
24. Give any **one** example of a perennial crop.
.....
25. Write down **one** process involved in rain formation.
.....
26. How do flowering plants reproduce?
.....
27. Give any **one** advantage of mulching to farmers.
.....
28. Name any **one** weather instrument kept in a Stevenson screen.
.....

29. In the space below, draw a parallel leaf venation.



30. Name one plant with the above type of leaf venation.

31. Give one use of clay soil to people.

32. Which part of a bean seed grows into a root system after germination?

33. Why do farmers paint their garden tools?

34. State one danger of germs to animals.

35. Give one way people take care of animals at home.

36. How are spiracles similar to stomata?

37. State any one property of air.

38. Why is a maize grain called a fruit?

39. Give one way people protect themselves from mosquito bites.

40. State one method of preserving crops?

SECTION B

41. a) What do we call the animals or insects which damage farmers' crops in the garden?
.....

b) Give any **two** examples of animals which destroy crops in the garden.

i) ii)

c) Mention **one** way farmers can control animals from destroying crops in the garden.
.....
.....

42. Match the following crop growing practices to their meaning.

a) Pruning growing of different crops on the same piece of land seasonally.

b) Thinning removal of mature crops from the garden.

c) Crop rotation removal of excess crops from the garden.

d) Harvesting removal of excess branches from the plant

a) Pruning:
.....
.....

b) Thinning:
.....
.....

c) Crop rotation:
.....
.....

d) Harvesting:
.....
.....

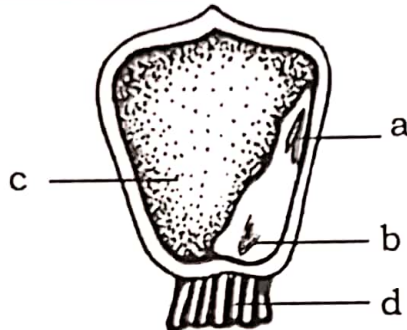
43. a) What is **environment**?
.....
.....

b) Give any **two** components of the environment.

i) ii)

c) Name one animal which lives in the soil.

44. The diagram below shows parts of a maize grain. Use it to answer questions that follow.



a) Name parts marked **a** and **c**.

i) **a** ii) **c**

b) State the use of part **d** to the maize grain.

c) Which letter shows the part where food is stored in a maize grain?

45. a) Mention any two items used for keeping our bodies clean.

i) ii)

b) Name any two vectors found in dirty clothes.

i) ii)

46. a) What do we call a process by which a seed embryo develops into a young plant?

b) List any two conditions needed for the above process.

i) ii)

c) Give any one use of plants to people.

47. a) Give one example of plants with climbing stems.

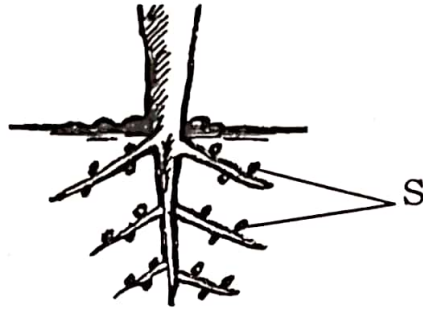
b) Mention two ways plants with weak stems climb others.

i)

ii)

c) Mention any one reason why some plants climb others.

48. The diagram below shows a type of root system. Use it to answer questions that follow.



a) Name the type of root system shown above.

b) Give **one** example of a plant with the above type of root system.

c) Name the part marked **S**.

d) Give **one** use of roots to a plant.

49. a) Name any **two** useful insects to people.

i) ii)

b) Write down any **two** harmful insects to people.

i) ii)

50. a) Why do bees visit flowers?

b) Name any other **two** insects which pollinate flowers.

i) ii)

c) Mention any **one** type of pollination.

51. a) Why do animals move from one place to another?

i)

ii)

b) Give **one** way animals move?

c) Mention **one** reason why people keep animals.

52. a) Name any **two** elements of weather.

i) ii)

b) Which type of weather helps farmers to;

i) dry clothes

ii) use an umbrella and gumboots.

53. a) Name the **two** types of leaves.

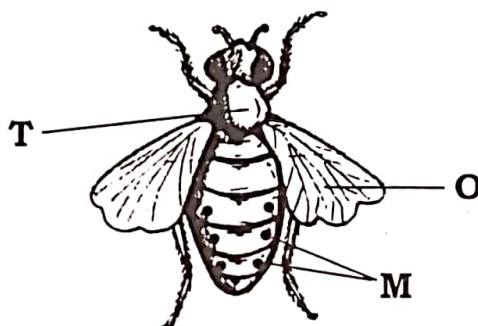
i) ii)

b) State any **two** uses of leaves to animals.

i)

ii)

54. The diagram below shows an insect. Use it to answer questions that follow.



a) Name parts marked **O** and **T**.

i) **O** ii) **T**

b) State the functions of part marked **M**.

c) Mention any **one** disease which is spread by the above insect.

55. a) Write down any **two** common accidents at school.

i) ii)

b) Mention any **one** cause of accidents at school.

c) Give any **one** way of preventing common accidents at school.

END