

SECTION A

1. Name one food stuff that is a source of proteins.

2. Mention any one example of a flightless bird.

3. Write down one way of caring for our body.

4. Give one example of a cereal crop. _____

5. How is clay soil important to people.

6. How do some plants control transpiration during dry season?

7. Name the type of blood that is carried by the pulmonary vein.

8. How is a hand trowel important to a vegetable grower?

9. Give the component of air that is a raw material for photosynthesis.

10. Name the type of teeth in cats that is well developed?

11. Give a reason for your answer in number 10 above.

12. How is a duck similar to a tilapia in terms of reproduction?

13. Besides dogs, give any one other domestic animal that is used for security.

14. Name the weather instrument that is used to show the direction of wind.

The diagram below is of a leaf, use it to answer questions 15 and 16.



15. Name the compound leaf drawn above.

16. What type of leaf venation does such a leaf have?

17. Name the common disease in poultry that attacks rabbits.

18. Identify the reptile that protects itself by withdrawing into its shell.

19. What is soil erosion?

20. Name the crop growing practice where farmers reduce excess braches on a growing plant.

21. How are gills in fish different from gills in mushrooms?

22. Give one example of a chemical change.

23. Write HIV in full. _____

24. Name the part of the ear that carries sound messages to the brain.



25. How do birds with such shape of a beak feed?

26. Give one example of such bird with a beak drawn above.

27. What is PHC? _____

28. State down one activity done by a farmer to care for the crops in the garden. _____

29. Name one material collected by worker bees from the environment apart from nectar and pollen. _____

30. Why is the handle of an electric kettle made of wood?

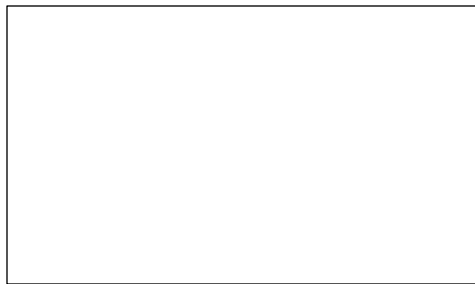
31. How is the feeding of hook worms different from that of tape worms?

32. What name is given to the smallest living organisms that cause disease?

33. Mention the element of weather that helps pollination.

34. How do crop farmers benefit in keeping poultry?

35. In the space below draw a garden tool used for harvesting bananas.



36. What causes anaemia?

37. Name the main natural source of water in the environment.

38. How is the spread of malaria controlled in homes?

39. Identify any one method of making alcohol.

40. Why do most people rear domestic birds?

SECTION B

41(a) What is immunity? _____

(b) Name the site of immunization for the diseases below:-

(i) Tuberculosis: _____

(ii) Pertussis: _____

(c) At What age is measles immunized in babies?

42(a) Give two examples of exotic breeds of goats kept for milk production.

(i) _____

(ii) _____

(b) Give two reasons why people prefer keeping goats other than cattle.

(i) _____

(ii) _____

43(a) Name any two examples of fowls.

(i) _____

(ii) _____

(b) How are grits found in the gizzard important during digestion?

(c) What is the use of a beak to a fowl?

44(a) Name the bi-product of photosynthesis.

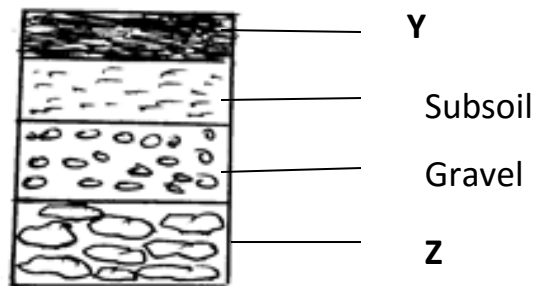
(b) Identify two raw materials for photosynthesis to take place.

(i) _____

(ii) _____

(c) Give one reason why photosynthesis cannot take place at night.

45. **Study the diagram below and answer questions that follow.**



(a) Name the layer labeled **Y** and **Z**.

(i) **Y**: _____ (ii) **Z**: _____

(b) What name is given to the vertical arrangement of soil layers?

(c) Name the type of soil best for growing crops.

46(a) Name the component of blood that is attacked by plasmodia germs.

(b) Give three structural differences between arteries and veins.

(i) _____

(ii) _____

(iii) _____

47(a) How is a first aid box different from a first aid kit?

(b) Name one item found in the first aid box.

(c) Suggest two reasons for giving first aid.

(i) _____

(ii) _____

48(a) Give two examples of natural fertilizers.

(i) _____

(ii) _____

(b) State any two advantages of using natural fertilizers.

(i) _____

(ii) _____

49(a) What is germination? _____

(b) Name the part of the maize grain in which food is stored.

(c) State two conditions necessary for a seed to germinate.

(i) _____

(ii) _____

50(a) How do snakes move? _____

(b) Give two similarities between birds and reptiles.

(i) _____

(ii) _____

(c) How important are flippers to turtles?

51. Give the meaning of the following terms as used in sound.

(a) Pitch: _____

(b) Frequency: _____

(c) Hertz: _____

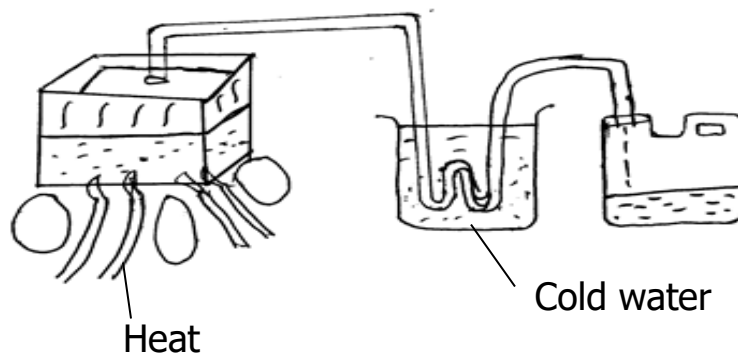
(d) Volume: _____

52(a) Write two methods of making alcohol.

(i) _____

(ii) _____

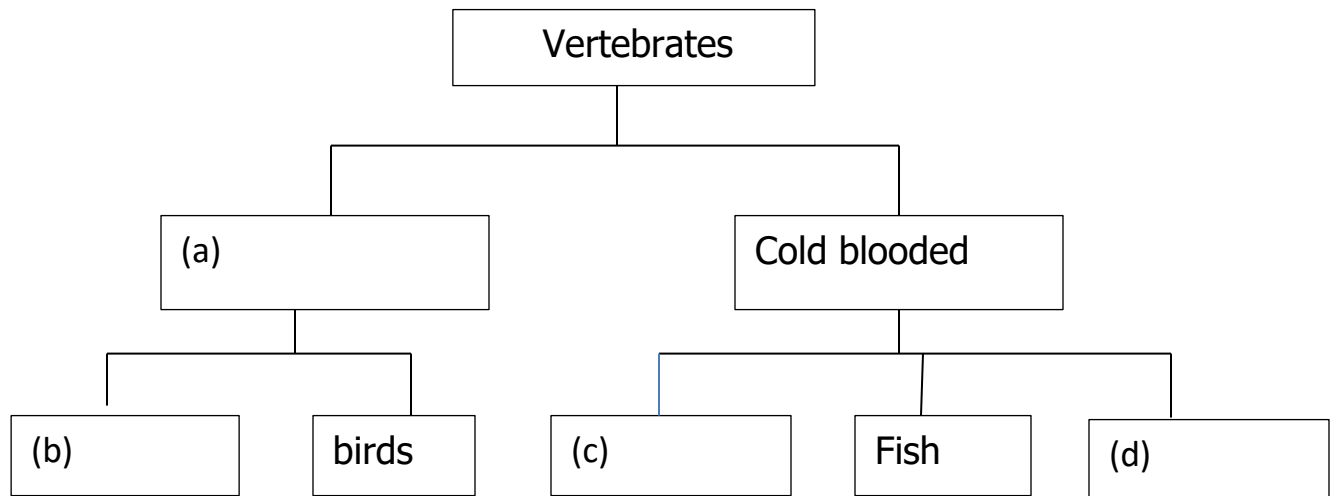
(b) Use the diagram below to answer question that follow.



(c) Name the liquid at **Y**. _____

(d) How useful is the cold water during the process above.

53(a) Use the table of classification of vertebrates below and complete it.



54(a) **Match the organs in list A with their function in list B.**

List A

Heart

Liver

Stomach

Lungs

List B

Store food for some time

Exchange gases

removes poisonous substances from the body

Pumps blood

(i) Heart: _____

(ii) Liver: _____

(iii) Stomach: _____

(iv) Lungs: _____

55(a) What is digestion? _____

(b) List down two types of digestion.

(i) _____

(ii) _____

(c) Name the enzyme produced in the mouth.

End