

13. On which part of an insect are the legs attached?

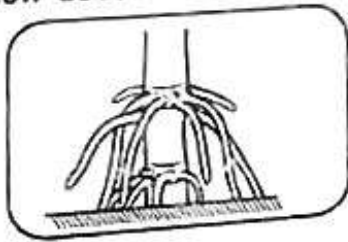
14. What type of family has parents, biological children and a maid?

15. Name any **one** example of wood fuel commonly used for cooking at home.

16. When is a person regarded as vulnerable?

17. Why is a tick not referred to as an insect?

18. How useful are the roots shown in the diagram below to a plant?



19. Which part of air is used during respiration?

20. Give **one** way of harvesting root crops.

21. Name the class of food responsible for building the human body.

22. What would happen to plants if there was no process of osmosis?

23. Why are the legs of a fainted person raised above the head?

24. Give any **one** adaptation of fish to living in water.

25. How does regular spraying of crops using pesticides increase crop yields?

26. Name the type of germination bean seeds undergo.

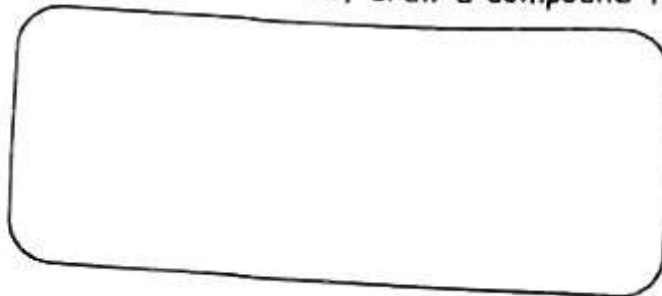
27. How useful is rabbit keeping to a textile industry?

28. Name any **one** example of goats kept for milk production.

29. Name the force of attraction that exists between molecules of different substances.

30. Give any **one** method used in milking cattle.

31. In the space provided below, draw a compound trifoliate leaf.



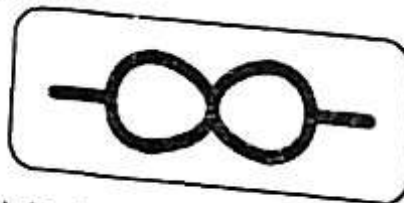
32. Name the type of soil suitable for making ceramics.

33. How are canine teeth adapted to their function?

34. State the type of change that takes place when a bean seed germinates.

35. Why is air regarded as matter?

The diagram below shows an electric device. Used it to answer questions 36 and 37.



36. Identify the electric device drawn above.

37. How important is the electric device drawn above in an electric circuit?

38. Name the circulatory body organ that pumps blood.

39. Give **one** way soil erosion can be controlled in hilly areas.

40. What are energy resources?

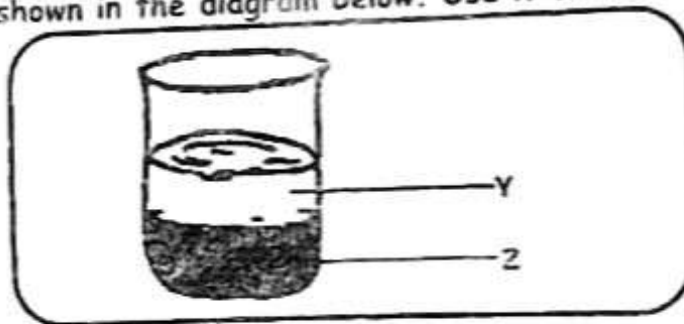


SECTION A (40 marks)

(Questions 1 to 40 carries one mark each)

1. Give any **one** product got from poultry.
2. How does a cassava plant that has lost all its leaves get food for survival?
3. Name the STD that affects the eyes of a newly born baby.
4. How does a broom help to keep the compound clean?
5. Name the type of bee which uses its sting for protection.

A P.5 pupil mixed two liquids, water and cooking oil and left them to settle as shown in the diagram below. Use it to answer questions 6 and 7.



6. Name the liquid that settled at Y.
7. Give **one** reason why liquid Y settled on top of liquid Z.
8. Give **one** reason which makes mercury a better thermometric liquid than alcohol.
9. Which worm enters the body by penetrating the bare skin of the feet?
10. State the gestation period of a ewe.
11. How does de-beaking layers improve on the number of eggs collected from a poultry farm?
12. Name any **one** vaccine administered to babies at birth.

SECTION B (60 Marks)

(Questions 41 to 55, carries four marks)

41. (a) Give the importance of the following garden tools.

(i) Garden fork _____

(ii) Trowel _____

(b) State any **two** ways of caring for the garden tools.

(ii) _____

(iii) _____

42. (a) Name the form of energy that stimulates the sense of hearing.

(b) State the type of energy possessed by objects;

(i) at rest _____

(ii) in motion _____

(c) Give any **one** way in which heat is useful in our daily life.

43. (a) Name the type of immunity got through;

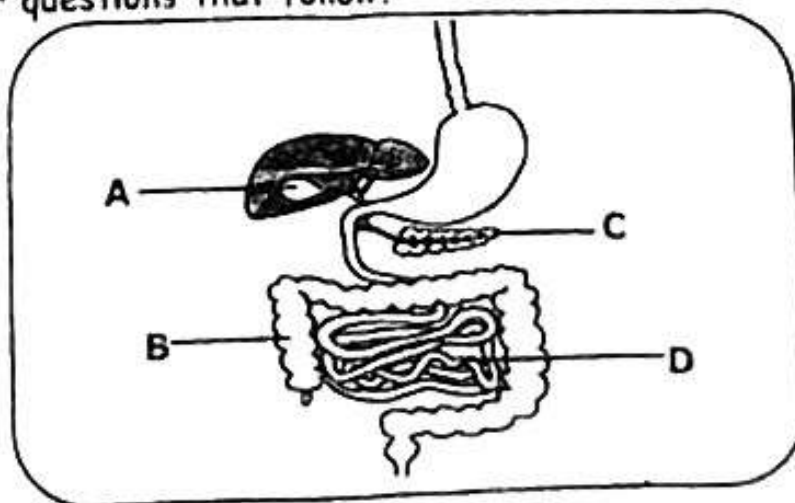
(i) Immunisation _____

(ii) Breast feeding _____

(b) State the childhood killer disease whose vaccine is administered on the left upper arm.

(c) Give any **one** condition under which bottle feeding can be recommended to a baby.

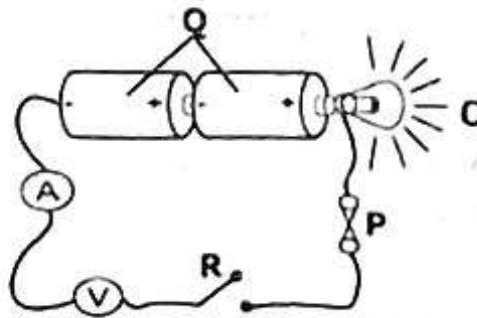
The diagram below shows part of the digestive system. Use it to answer questions that follow.



44. (a) Name the digestive juice stored in part labelled A.

48. (a) Name the **two** types of skeleton in invertebrates.
- (i) _____
- (ii) _____
- (b) Give any **two** health practices that keep the skeletal and muscular system in good conditions.
- (i) _____
- (ii) _____
49. (a) State the condition in the body controlled by the use of **ORS**.
- _____
- (b) Give the importance of the following substances used in preparation of **ORS**.
- (i) sugar _____
- (ii) salt _____
- (c) Mention any **one** sign of dehydration in babies.
- _____
50. (a) Name the deficiency diseases with the following signs.
- (i) Curved legs _____
- (ii) brown hair _____
- (b) Which food value do we get from eating the food stuffs below?
- (i) fish _____
- (ii) sweet potatoes _____
51. Arrange the following processes according to order of occurrence.
- Fertilisation
- Copulation
- Ovulation
- Implantation
- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____

52. The diagram below is of an electric circuit. Use it to answer the questions that follow.



(a) Name the parts labeled **Q** and **R**.

(i) **Q** _____

(ii) **R** _____

(b) Give any **one** energy change that takes place at part **O** if part **R** is closed.

(c) State any **one** similarity between part **P** and **R** in the way they function.

53. (a) Write down the **two** methods of soil formation.

(i) _____

(ii) _____

(b) Name the condition of soil that;

(i) Makes soil fertile _____

(ii) Is removed from the soil by heating _____

54. (a) Name any **two** elements of **PHC**.

(i) _____

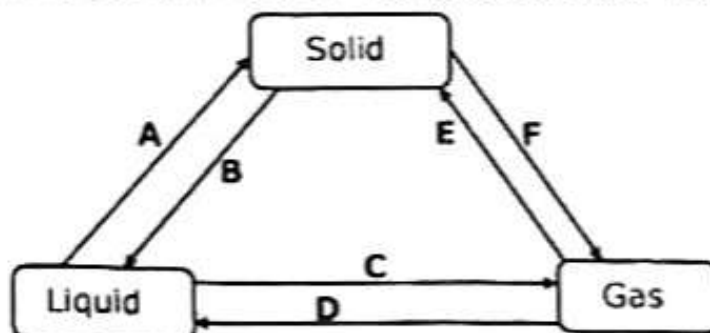
(ii) _____

(b) State **two** ways family members promote **PHC** at home.

(i) _____

(ii) _____

55. The diagram below shows physical changes that take place in the environment. Use it to answer the questions that follow.



(a) Identify the physical processes at **A** and **F**.

(i) **A** _____

(ii) **F** _____

(b) State any **two** processes from those shown above that are involved in rain cycle.

(i) _____

(ii) _____

(b) Identify the parts marked **B** and **C**.

(i) **B** _____

(ii) **C** _____

(c) Which important digestive process takes place in part labelled **D**?

45. (a) Identify the vectors which spread the following diseases;

(i) River blindness _____

(ii) Bilharziasis _____

(b) State **two** ways of controlling insects vectors in a home.

(i) _____

(ii) _____

46. (a) Give any **two** advantages of vegetative propagation of crops.

(i) _____

(ii) _____

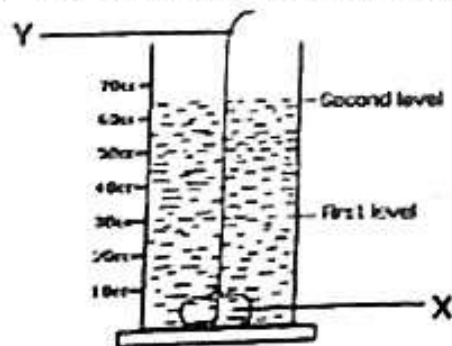
(b) State any **two** artificial methods of vegetative propagation of crops.

(i) _____

(ii) _____

47. The diagram below shows a method of finding the volume of objects.

Use it to answer the question that follows.



(a) Identify the part marked **X**.

(b) Give the function of the part labelled **Y**.

(c) Calculate the volume of the object **X**. (2 marks)