

SECTION A: 40 MARKS

Questions 1 to 40 carry **one** mark each.

1. Which part of a flower attracts birds and insects for pollination?

2. Give **one** example of a biological change in animals.

3. How do trees in the school compound prevent damage of school buildings by wind?

4. Name the part of a fish that protects the gills.

5. Why do most people prefer rearing rabbits to rearing goats in their homes?

6. Give **one** characteristic of social insects.

7. State **one** danger of keeping fingernails long.

8. What First Aid is given to a person who has been burnt by fire on the foot?

9. Name **one** method of food preservation that involves the use of heat.

10. Why is a rat not a friendly animal to a crop farmer?

The diagram below shows a common item. Study and use it to answer questions 11 and 12.



11. Name the item shown above.

12. Give **one** type of weather in which the item above is used.



13. Which food deficiency can lead to marasmus?

14. State the type of objects which requires displacement method to find their volume.

15. Give the importance of oxygen to a germinating bean seed.

16. Which part of an irish potato plant is eaten by people?

17. What is the function of a kink in a clinical thermometer?

18. How can salt that has dissolved in water be recovered from its solution?

19. Name **one** common vector with a nymph as a stage in its life cycle.

20. Give any **one** way of preventing tooth decay.

21. State **one** condition needed for bacteria to multiply.

22. How does mulching improve soil fertility?

The diagram below shows an equipment used in bee keeping. Study and use it to answer questions 23 and 24.



23. Name the equipment shown above.

24. State the importance of the equipment shown above to a bee keeper.

25. How are pawpaw plants adapted to cross pollination?

26. Apart from meat, name **one** other food product obtained from poultry.

27. Why do Ugandan farmers prefer keeping local breeds of goats to exotic ones?

28. State **one** use of insulators to a mother cooking in the kitchen.

29. Why is dew formed in the night but not during the day?

30. How is reproduction in yeast different from that of a mushroom?

31. In which **one** way is a health parade important in a school?

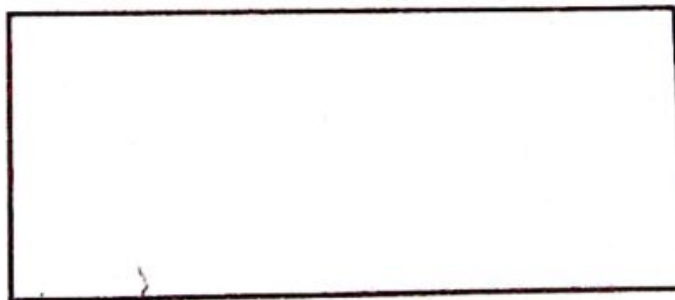
32. State any **one** use of food to the human body.

33. Apart from malaria, name **one** other disease spread through mosquito bites.

34. Why does a nail sink in water?

35. What does a hookworm feed on in the human body?

36. In the space provide below, draw a diagram to show that air exerts pressure.



37. State any **one** sign of pest damage on crops.

38. Name the part of the leaf that allows gaseous exchange.

39. Which method of heat transfer enables a mother to dry washed clothes on the wire?

40. Name **one** tool farmers use for closed castration in male sheep.

SECTION B: 60 MARKS

Questions 41 to 55 carry **four** marks each.

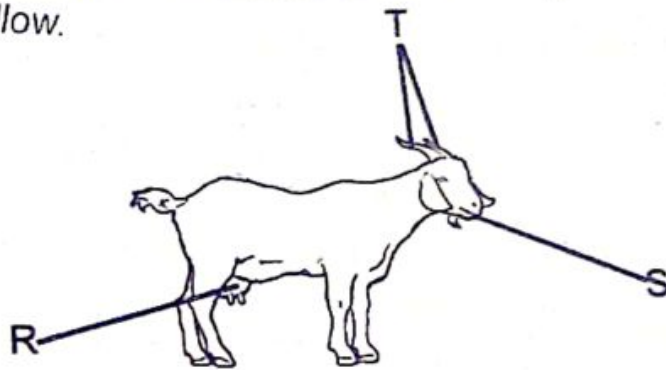
41 (a) State **one** reason why gaps are left between railway lines.

(b) What would happen to the rail, if the gaps were not left between them especially when it is hot?

(c) Give a reason for your answer in (b) above.

(d) State any **one** thing that happens to matter on cooling.

42. The diagram below shows a domestic animal. Study and use it to answer the questions that follow.



(a) Name the part marked with letters:-

(i) **S** _____

(ii) **T** _____

(b) How does the animal above benefit from part marked with letter T?

(c) Mention the product obtained by people from part marked with letter R?

43(a) Write any **two** methods of rearing poultry that limit the movement of birds.

(i) _____

(ii) _____

(b) Give **two** importance of litter in a poultry house.

(i) _____

(ii) _____

44(a) What term describes the process by which plants make their own food?

(b) Mention **two** raw materials needed for the process in (a) above.

(i) _____

(ii) _____

(c) State the importance of chlorophyll during the process in (a) above.

45(a) Write **one** type of fracture.

(b) Give **two** materials that can be used for giving First Aid for a fracture.

(i) _____

(ii) _____

(c) Why is it important to check on the heartbeat of a casualty before giving First Aid?

46 (a) Give **one** advantage of feeding on a balanced diet.

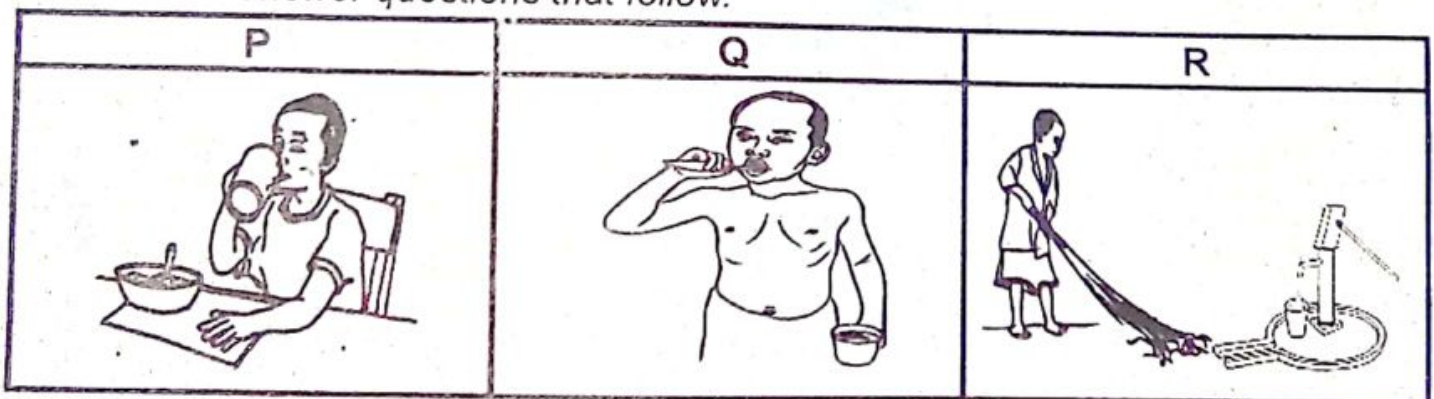
(b) Apart from proteins, give **two** other classes of food that make up a balanced diet.

(i) _____

(ii) _____

(c) Write down **one** sign of malnutrition in children.

47. The diagram below shows activities carried out by P.5 pupils. Study it and use it to answer questions that follow.



(a) Name the element of Primary Health Care promoted by the pupil in diagram R.

(b) Apart from the elements being promoted in the diagrams above, name any other element of Primary Health Care.

(c) When is it recommended for the pupils to carry out the activity in diagram Q?

(d) How is activity P useful in the control of diseases?

48 (a) Apart from the elderly, mention **two** other vulnerable groups of people.

(i) _____

(ii) _____

(b) Write **two** ways of caring for the elderly at home.

(i) _____

(ii) _____

49(a) State any **two** non-living components of the environment.

(i) _____

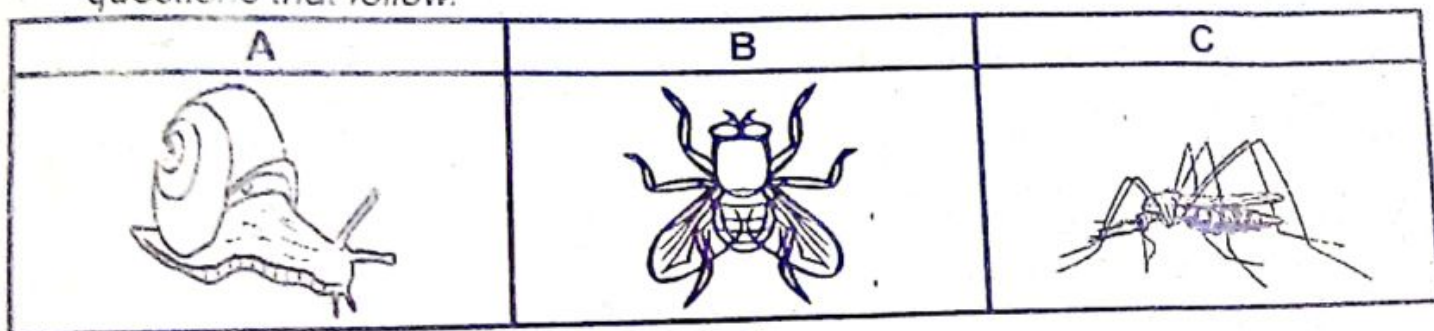
(ii) _____

(b) Give **two** ways of caring for plants as a component of the environment.

(i) _____

(ii) _____

50. The diagram below shows common vectors. Study and use it to answer the questions that follow.



(a) Name the vector marked with letter A.

(b) Mention **two** diseases spread by the vector represented by letter marked B.

(i) _____

(ii) _____

(c) How does vector C spread diseases among people?

51. Match the body organs in list A to their senses in list B.

A

ear

nose

skin

tongue

Sense

i) _____

ii) _____

iii) _____

iv) _____

B

smelling

tasting

hearing

feeling

Organ

smelling

tasting

hearing

feeling

52(a) How do the following animals protect themselves against enemies?

(i) snake _____

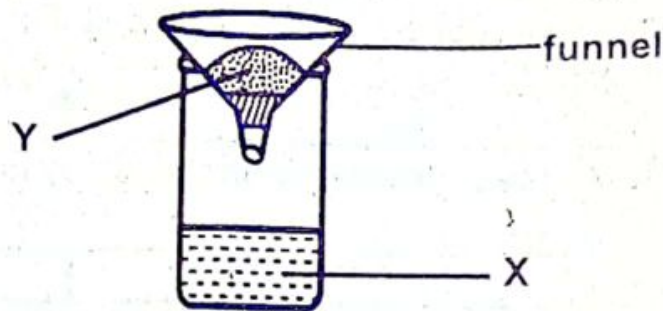
(ii) millipede _____

(b) Why do animals move from one place to another? (Give two reasons)

(i) _____

(ii) _____

53. The diagram below shows a method of separating mixtures. Study and use it to answer the questions that follow.



(a) Which method of separating mixtures is shown in the diagram above?

(b) Give **one** example of a mixture that can be separated using the method shown in the above diagram.

(c) Name the substance marked with letter X in the above diagram.

(d) Mention any **one** activity at home carried out using the above method of separating mixtures.

54(a) Give **two** ways of preventing rusting of metallic objects.

(i) _____

(ii) _____

(b) What type of change is rusting?

(c) Apart from rusting, give **one** other example of the changes named in (b) above.

55(a) Write **two** examples of annual crops.

(i) _____

(ii) _____

(b) Give **two** ways of caring for annual crops.

(i) _____

(ii) _____

