

SECTION A (40 marks)
(Questions 1 to 40 carry one mark each)

1. Name the hardest part of a tooth.

2. State any one way man can prevent malaria in a home.

3. In which way is a lateral line important to a fish?

4. State any one way of keeping personal hygiene.

5. What is the use of a shovel in a nursery bed?

6. State any one reason why some plants climb others.

7. Name the insect which pollinates flowers at night.

8. Why are we advised to eat a lot of fruits?

9. In which way is burning similar to germination?

10. How is a clinical thermometer different from other thermometers?

11. Identify any one intestinal worm in man.

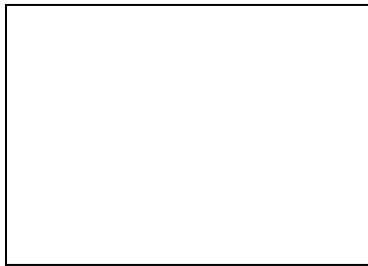
12. Name one water borne immunisable disease.

13. Which component of soil makes it suitable for plant growth?

14. Mention an example of a plant with root nodules.

15. Which type of teeth helps a rabbit to bite its food?

16. In the space provided below, draw the male part of a flower.



17. Why do plants need water?

18. Name the body organ which is used to balance the body.

19. Give one traditional method of preserving meat.

20. Mention the organisms which make things rot.

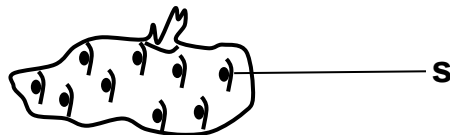
21. How can soil erosion be controlled in a garden?

22. Why is mercury commonly used in thermometers?

23. Give one way in which plants depend on each other.

24. Give any one reason why farmers weed their gardens.

25. The diagram below is of an Irish potato tuber. Use it to answer the questions that follow.



26. What is the use of the part marked S?

27. What happens when an opaque object is placed in a path of light?

28. How do plants reduce the amount of carbon dioxide in the atmosphere?

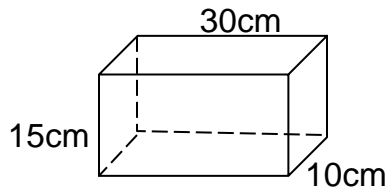
29. State any one difference between a hen and a cock.

30. Give one kind of insects which live in a colony.

31. Mention any one way in which a human body acquires natural immunity.

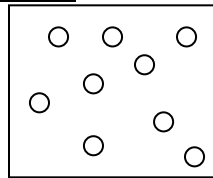
32. What is the use of hydrochloric acid produced in the stomach during digestion?

33. Calculate the volume of the block below.



34. A wooden pencil was thrown in a bucket which was half-ful of water. The pencil remained afloat. Why did the pencil float on water?

The diagram below shows an arrangement of molecules in a state of matter. Study it and answer question 35.



35. In which state of matter are molecules arranged as shown above?

36. Mention the type of energy which is possessed by a car parked in a garage.

37. State any one condition in which an iron bar may not rust.

38. Give any one example of a mineral needed by plants.

39. What is pruning?

40. Mention one example of fungi.

SECTION B (60 marks)
(Questions 41 to 55 carry four marks each)

41. (a) What is sanitation?

- (b) State two reasons why sanitation should be maintained in an area.
(i) _____

(ii) _____

- (c) Give any one disease which may break out in a place with poor hygiene.

42. Mr. Otim has one acre of agricultural land. Each season Mr. Otim grows a different crop from that of the previous season.
- (a) What system of farming does Mr. Otim practice?

- (b) Give any three advantages of the system you have mentioned above.
(i) _____

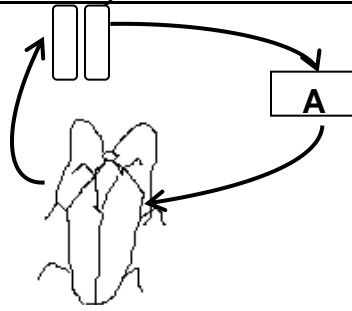
(ii) _____

(iii) _____

43. (a) Write down two classes of food.
(i) _____
(ii) _____
- (b) What class of food do we get when we eat cassava?

- (c) How is food useful to the body?

44. The chart below shows the life cycle of some insects. Study it carefully and answer the questions that follow.



- (a) Name the insect shown above.
-
- (b) Which stage is marked **A** in the life cycle shown above?
-
- (c) What type of life cycle is shown above?
-
- (d) State any one danger of cockroaches to man.
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45. The heart is one of the important organs of the human body.
- (a) To what system of the body does it belong?
-
- (b) What is the main work of the heart?
-
- (c) Name one disease which attacks the heart.
-
- (d) How can one keep one's heart healthy?
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46. The diagrams below show types of germination. Study them carefully and answer the questions that follow.



(a) Name the types of germination shown above in **A** and **B**.

(i) **A** _____

(ii) **B** _____

(b) Give one example of seeds which undergo the type of germination in diagram **A** and **B**.

(i) **A** _____

B _____

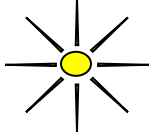
47. (a) What is weather?

(b) Name the condition of weather with too much sunshine.

(c) Give the use of a rain gauge in a weather station.

(d) Why is too much rain bad to crops?

48. (a) Study the diagram below and draw the shadow of the tree.



(b) Give any three uses of shadows to man.

(i) _____

(ii) _____

(iii) _____

49. Write down the 4Fs germ path in order.

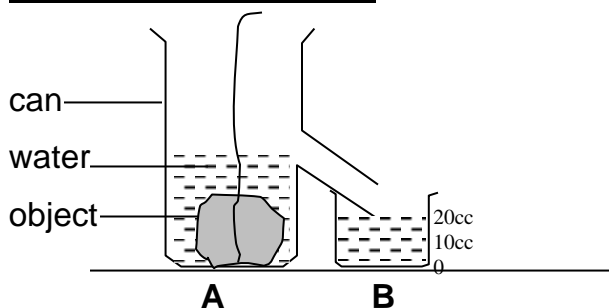
- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____

50. The table below shows diseases with their causes. Match the diseases in list **A** to their causes in list **B** correctly.

A (diseases)	B (causes)
marasmus	lack of iodine
rickets	lack of Vitamin C
goitre	lack of enough carbohydrates
scurvy	lack of Vitamin D
	lack of proteins.

- (i) Marasmus _____
- (ii) Rickets _____
- (iii) Goitre _____
- (iv) Scurvy _____

51. An experiment was done by a P.5 class as shown in the diagram below. Use it to answer the questions that follow.



(a) When is such a method of finding volume used?

(b) Name the method shown in the diagram above.

(c) What is the volume of the object in the can above?

(d) State the use of container **B** in the above method.

52. (a) By what process does heat travel through a metal bar?

(b) What happens to a metal bar when left outside on a hot day?

(c) State any two uses of heat in a home.

(i)

(ii)

53. (a) Give any three characteristics of living things.

(i)

(ii)

(iii)

(b) How are plants different from animals in the way they get their food?

54. How does each of the following animals protect itself from enemies?

(a) tortoise _____

(b) wasp _____

(c) millipede _____

(d) chameleon _____

55. (a) Mention any two breeds of goats kept in Uganda.

(i)

(ii)

(b) Give two reasons why many people in Uganda rear goats.

(i) _____

(ii) _____

Good luck

