

SECTION A: 40 MARKS

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

1. Name the body organ affected by near drowning.

2. Give **one** use of the proboscis to mosquitoes.

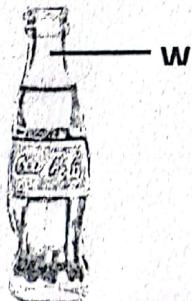
3. Mention any **one** characteristic of tuber crops.

4. Which form of energy helps to locate food and dodge obstacles at night?

5. State any **one** importance of covering the floor of a deep litter house with coffee husks.

6. How does wind help farmers to make harvested crops fit for consumption?

The diagram below shows a soda bottle. Use it to answer questions 7 and 8.



7. Name the gas contained in part W.

8. Give a reason why space W is left during packaging of soda in factories.

9. Apart from making alcohol, give any **one** way in which distillation is important to people.

10. State what happens when two magnets of south poles are brought near to each other?

11. Which type of blood vessels carry blood towards the heart?

12. Mention any **one** disorder to the human respiratory system.

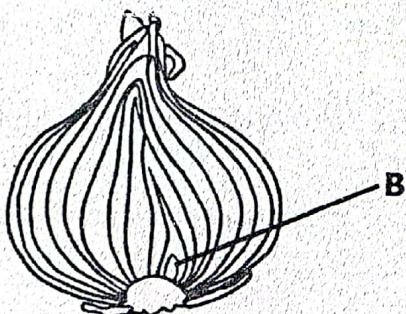
13. Give **one** situation where a measuring cylinder is used in our daily life.

14. Identify the group of vertebrates that provide fiber to the textile industry.

15. Give any **one** characteristic of living things that enables them to live in the environment.

16. Apart from tooth decay, give **one** other example of a disease that affects teeth.

The diagram below shows an onion. Study and use it to answer questions **17** and **18**.



- 17. To which group of underground stems do onions belong?

18. Give the function of part **B** to the onion.

19. Write **one** use of soap to people at home.

20. Mention **one** element of Primary Health Care that reduces the spread of HIV among people.

21. By what process is humus formed?

22. Give **one** way in which air circulation is improved in a rabbit hutch.

23. Name the change that weakens iron tools.

24. Give **one** way in which the reproduction of bean plants is similar to that of ferns. *Comfers*

25. How can a mother protect her baby against growth of weak bones?

26. What happens to the triceps muscles when the arm is raised?

27. State any **one** way in which bees benefit from plants in the environment.

28. Write **one** factor considered before constructing a pit latrine at home.

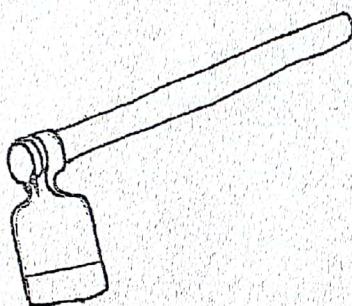
29. Give **one** example of a primary sex characteristic in adolescent girls.

30. Which tool is used to stitch a bandage when administering first aid to a casualty?

31. How is the fuse useful in a simple circuit?

32. Identify any **one** method of grazing cattle that prevents destruction of crops by cattle.

The diagram below shows a garden tool. Use it to answer questions 33 and 34.



33. Give **one** way in which the above tool is useful to farmers.

34. State any **one** way the above garden tool can be repaired.

35. Give reason why weaning babies are grouped as vulnerable people.

36. Mention any **one** characteristic of dicotyledonous seeds.

37. Name the type of soil with rough and large particles.

38. Explain the term water cycle.

39. Give any **one** way people manage rainy weather.

40. Which part protects flowers when they are still young before opening?

SECTION B: 60 MARKS

Questions **41** to **55** carry **one** mark each.

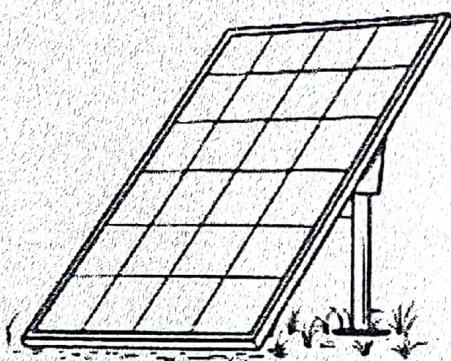
41. (a) Name the germ that causes malaria.

(b) Give any **one** sign of malaria in a person.

(c) State any **one** way in which people get the germ named in (a) above.

(d) How does draining of stagnant water help in the control of malaria?

42. The diagram below shows an equipment used to generate electricity. Use it to answer questions that follow.



(a) Identify the equipment used to generate electricity drawn above.

(b) What type of electricity is generated using the above equipment?

(c) Give **one** role of the above equipment in generating electricity named in (b) above.

(d) Give **one** advantage of using the above type of electricity over hydroelectricity.

43. (a) Mention any **two** examples of harmful materials that affects the quality of soil.

(i).....

(ii).....

(b) Give any **two** ways in which the above materials are dangerous to soil.

(i).....

(ii).....

44. (a) Which equipment used on the dairy cattle farm helps to;

(i) Detect mastitis in milk;

(ii) Determine the density of milk:

(b) Mention any **two** activities done by farmers to obtain clean milk.

(i).....

(ii).....

45. (a) Give **one** advantage of Ecosan latrines.

.....
(b) State the function of each of the following parts on VIP latrines.

(i) Screen:

(ii) Pit:

(c) Write any **one** way in which VIP latrines can be kept in a proper working condition.

46. (a) Name any **two** examples of reptiles in your community.

(i).....

(ii).....

(b) Give any **two** characteristics of reptiles.

(i).....

(ii).....

(c) State any **one**-way reptiles help to improve the health of people in the community.

47. (a) Give the meaning of the term food taboos.

.....
(b) Mention any **two** examples of food taboos.

(i).....

(ii).....

(c) Give **one** disadvantage of food taboos to people.

48. (a) Which type of bee mates the queen bee?

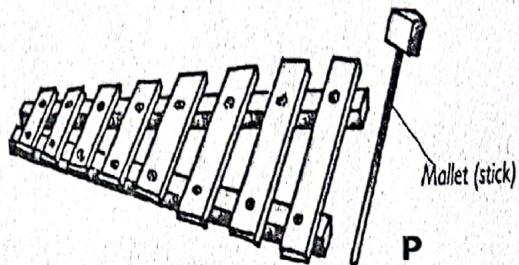
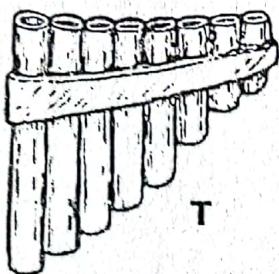
.....
(b) Why does the above type of bee die after mating?

.....
(c) In which **two** ways are bees useful to people?

(i).....

(ii).....

49. The diagrams below show musical instruments. Study them to answer questions that follow.



(a) Identify the musical instruments marked **P** and **T**.

(i) **P:** (ii) **T:**

(b) To which group of musical instruments does **P** belong?

(c) How does musical instrument **T** produce sound?

50. (a) How does smoking affect the following body systems?

(i) Digestive system

(ii) Respiratory system

(b) Which chemicals tobacco causes addiction?

(c) Name any **one**-way people smoke.

51. (a) Name any **two** examples of stem tubers.

(i).....

(ii).....

(b) How are stem tubers propagated?

(c) Give **one** way tuber crops help to improve the health of people.

52. (a) Name any **two** examples of long bones found on the human legs.

(i).....

(ii).....

(b) How are bones useful to the human body?

(c) Which connective tissues attach bones together at the joints?

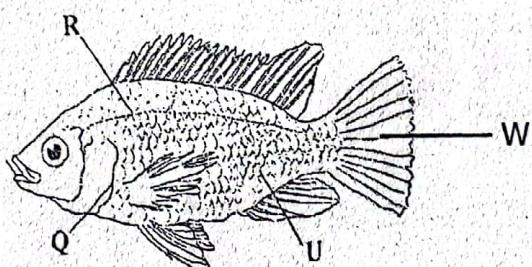
53. Shamsa accidentally mixed salt with sand. After putting the mixture of sand and salt into the container, describe the other four steps Shamsa will use in order to obtain the salt.

- (i).....
-
- (ii).....
-
- (iii).....
-
- (iv).....
-

54. (a) Apart from fungi, give **two** groups of living things used as resources.

- (i).....
-
- (ii).....
- (b) State any **two** ways fungi is used as resources.
- (i).....
-
- (ii).....

55. The diagram below shows external parts of a fish. Use it to answer questions that follow.



(a) Name the parts marked **U** and **R**.

- (i) **U**:
- (ii) **R**:
- (b) Give **one** function of part **W** and **Q** to the fish.
- (i) **Q**:
- (ii) **W**: