

SECTION A

1. Name the component of the environment that makes food.

2. Write down one type of chicken.

3. Give one use of a sponge when bathing.

4. State one characteristic that makes mammals different from other vertebrates.

5. Identify any one type of weather managed by using an umbrella.

6. Give one way of controlling crop pests in the store.

7. Mention one activity done to keep the school compound clean.

8. State one benefit of a school garden to the school.

9. Give one way of reducing friction in the moving parts of a machine.

10. Name the disease vector that breeds in fast flowing water.

The diagram below shows a system of a flowering plant.
Study it and answer the questions 11 and 12



11. Name the plant system shown above.

12. How does the above system support photosynthesis to the plant?

13. Give one use of plastics in the control of accidents in the community.

14. Write one way of promoting good behavior at school.

15. What kind of sound enables bats to move in darkness?

16. Give any one advantage of isolating a sick person.

17. State one reason why undigested food cannot be absorbed into the blood stream.

3.

30. State one difference between a vein and an artery.

29. Why does a hen sit on the eggs during incubation?

28. State one use of a fuse in an electric circuit.

27. Why is carbon dioxide suitable for preservation of food?

26. State one practice that prevents inbreeding on a cattle farm.

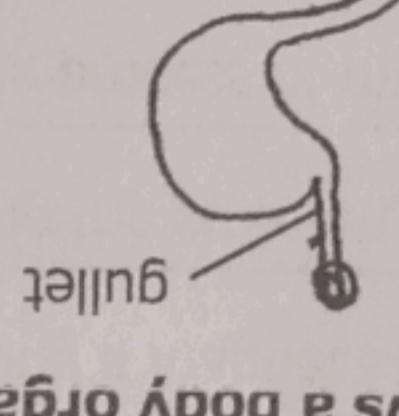
25. Give one way of conserving wild animals.

24. What is density?

23. Why is rain gauge placed on a raised ground?

22. State one digestive function of the above organ.

21. Name the body organ shown above.



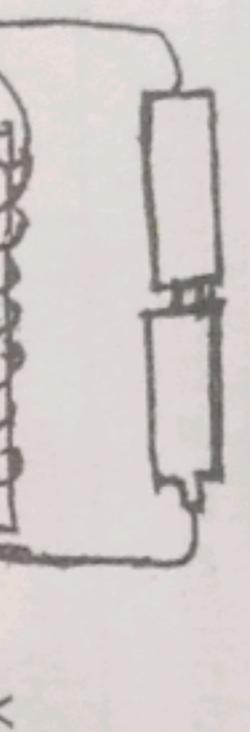
The diagram below shows a body organ. Study it and answer questions 21 and 22.

20. Identify one danger of bad body pasture.

19. Give any one use of very old clothes to a crop farmer.

18. Give one use of plant fibre.

**The diagram below shows a method of making magnets.
Study it and answer question 31 and 32.**



31. Name the method of making a magnet shown above.

32. State one way of increasing the strength of magnet X.

33. Give one use of heat in the process of making water safe for drinking.

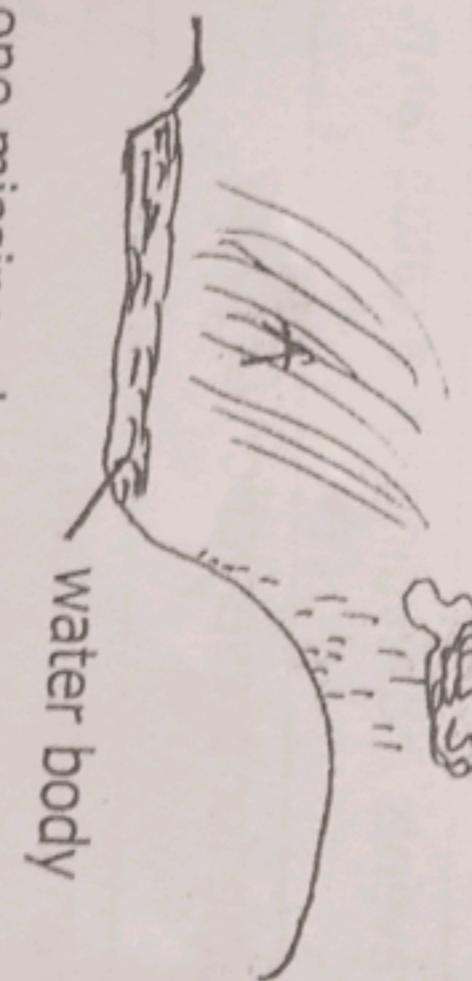
34. Write one disadvantage of carrying out crop farming in wetlands.

35. Name the germ that causes red eye disease.

36. State one reason why burning is not a good method of managing plastic wastes.

37. How does the food that remains on our teeth lead to tooth decay?

The diagram below shows a rain cycle. Study it and answer questions 38 and 39.



38. Identify one missing element in the water cycle above.

39. Name the gaseous state of water marked A.

40. Give one importance of healthy surveys to the government.

SECTION B

41. a) Name any two types of organic manure.

(A) Cow dung

(B) Fish waste

(C) Give any two advantages of using organic manure.

(D) Fertilizer

42.a) Write PHC in full.

(b). State one importance of PHC.

c) Write two principles of PHC.

(D) Crop rotation

(E) Crop rotation

43. The table below shows two lists of common crops X and Y. Study it and answer questions that follow.

X	Y
Coffee	Beans
Matooke	Maize
Tea	Cassava

(a). Name each of the groups of crops X and Y.

(A) X

(B) Y

(b). How do all crops above benefit from being grown together with the beans.

c). Write any one way of caring for crops in the lists.

44. a). Explain each of the terms below.

(i). drug abuse

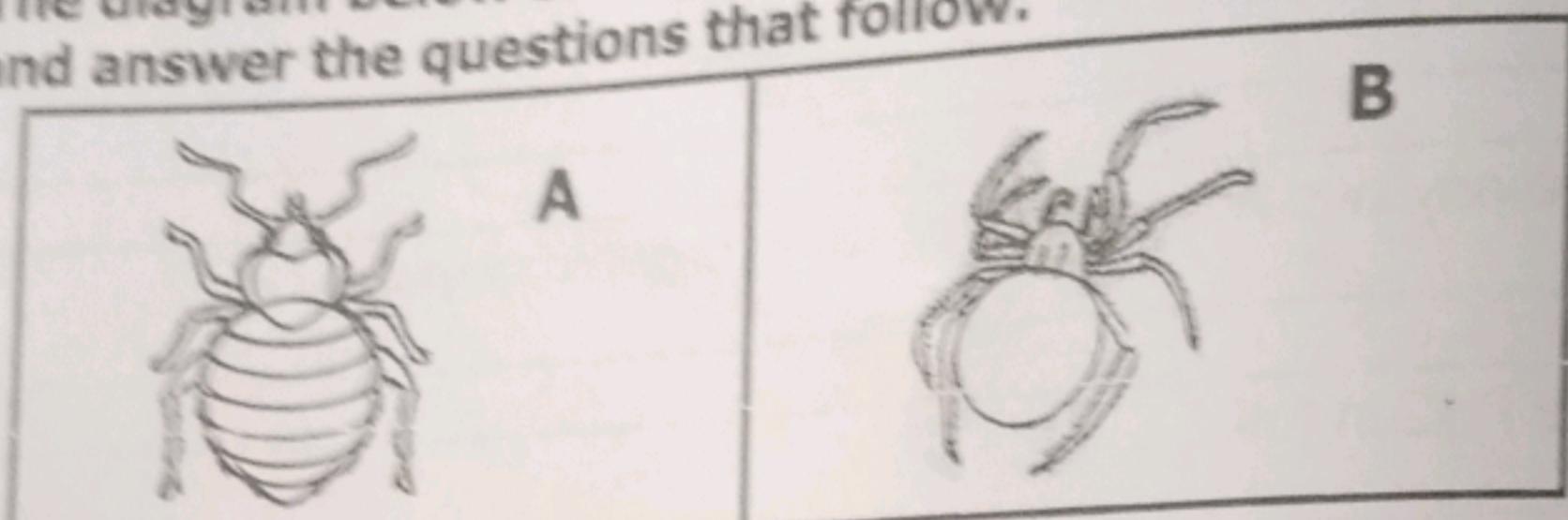
(ii) drug misuse

(b). State one way how people practice each of the above in the community.

(i). drug abuse

(ii). drug misuse

45. The diagram below shows two invertebrates. Study them and answer the questions that follow.



a) Name the groups of invertebrates A and B.

- (i) A _____
(ii) B _____

b) State any two similarities between the two invertebrates above.

- (i) _____
(ii) _____

46.a) Give two advantages of breast feeding to the baby.

- (i) _____
(ii) _____

b) Apart from proper feeding, give two other ways of caring for babies.

- (i) _____
(ii) _____

47. Match each of the organisms in list P with its defensive weapon in List Q.

P

Bee

Dog

Cock

Cobra

Q

Spur

Fangs

Sting

Teeth.

- (i). Bee _____
(ii). Dog _____
(iii). Cock _____
(iv). Cobra _____

48.a) Name two types pit latrines in the community.

- (i) _____
(ii) _____

b) Give any two ways of maintaining pit latrines.

- (i) _____
(ii) _____

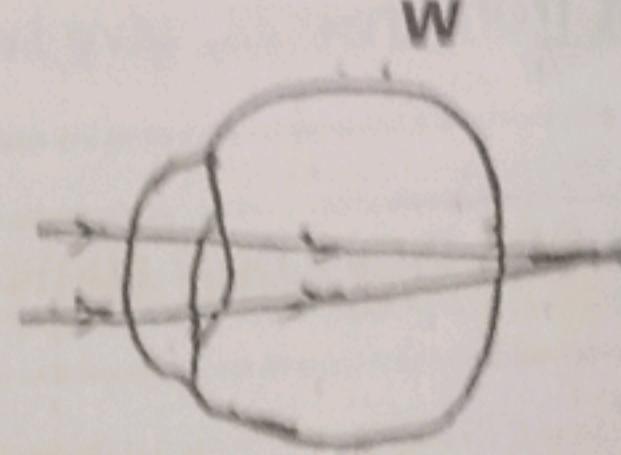
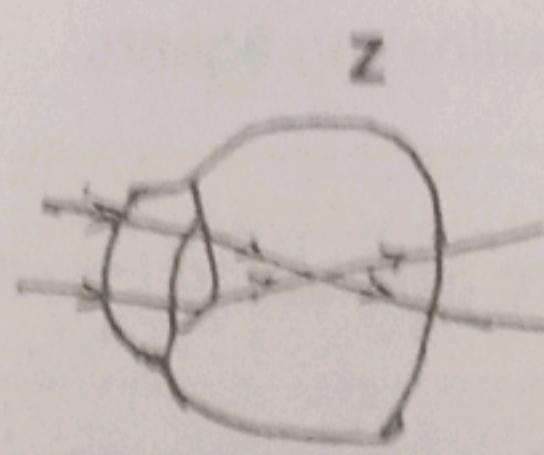
49. a) Write any two body changes that occur to both boys and girls during adolescence.

(i). _____
(ii). _____

b). State any two ways of managing body changes that occur during adolescence.

(i) _____
(ii) _____

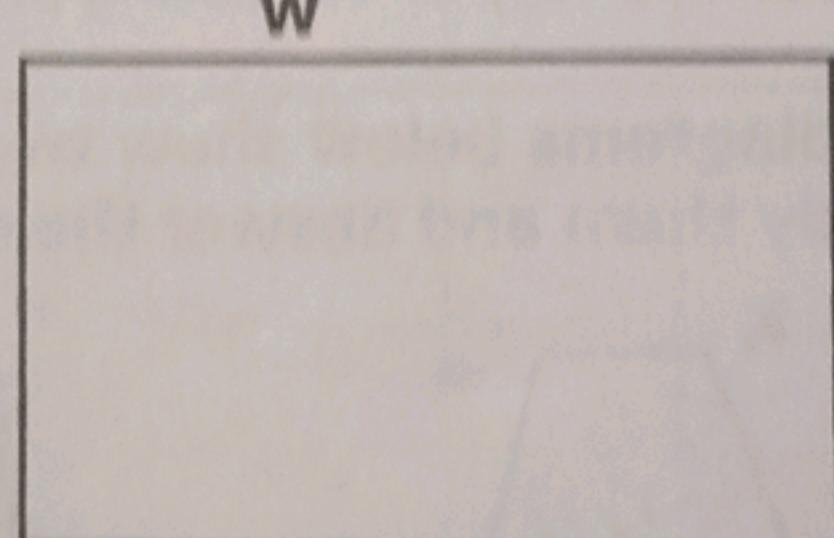
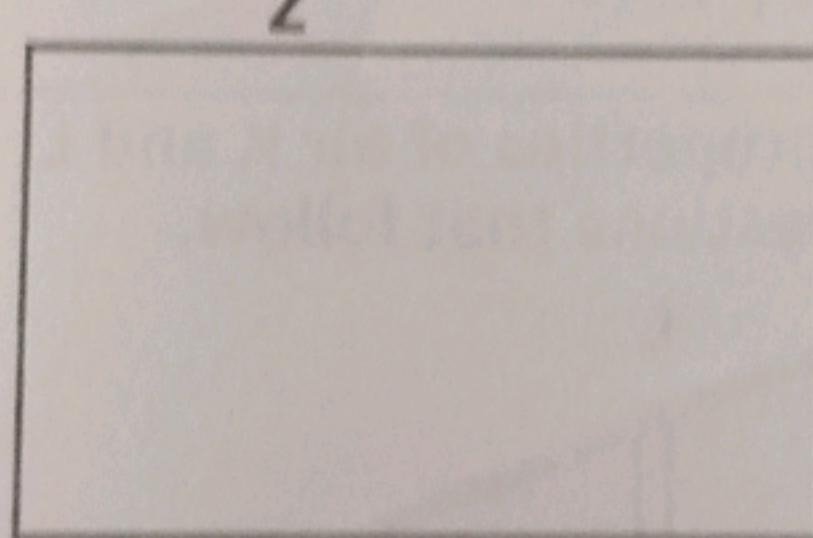
50. The diagram below shows two eye defects Z and W. Study them and answer the questions that follow.



a). Name the eye defects Z and W.

(i). Z _____
(ii). W _____

b) In each of the two boxes provided below, draw the lens used to correct each of the eye defects above.



51. a) Mention any two energy resources that contain kinetic energy.

(I) _____
(ii) _____

b) Give any two uses of resources with kinetic energy in our daily life.

(I) _____
(ii) _____

52. a) Explain why you would choose to use a pulley system with the higher mechanical advantages?

b). Why does a block and tackle pulley system have the highest mechanical advantage?

c) Calculate the mechanical advantage of a simple machine that uses an effort of **40kgf** to carry a load of **200kgf**. (2marks)

53. a). Apart from insects, give two other pollinating agents.

(I) _____

(ii) _____

b). Write two ways how some flowers are adapted to insect pollination.

(I) _____

(ii) _____

54. a) Write one example of poultry vices .

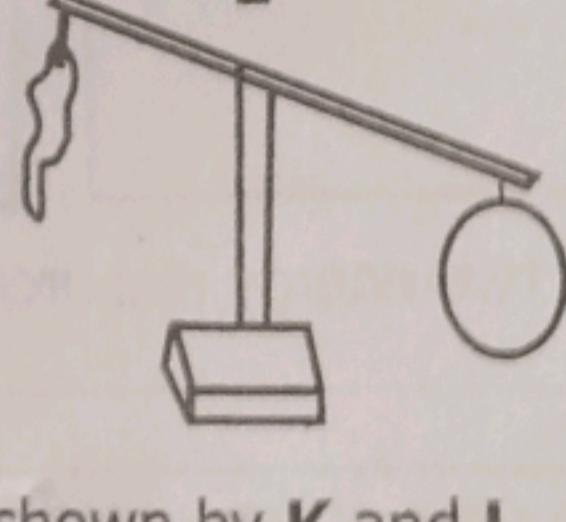
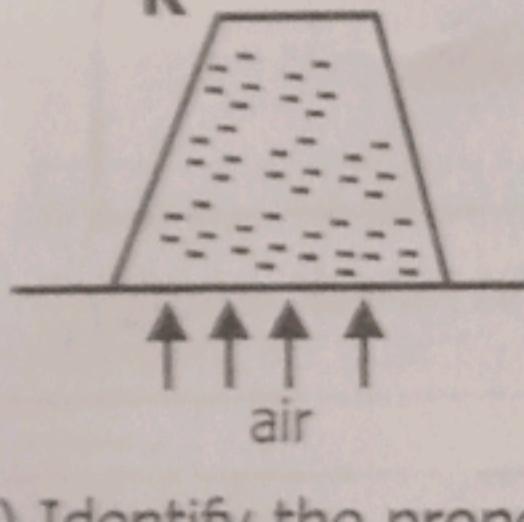
(b). Give two causes of poultry vices.

(I) _____

(ii) _____

b). State one way of controlling poultry vices.

55. The diagrams below show two properties of air K and L.
Study them and answer the questions that follow.



(a) Identify the properties of air shown by K and L

(I) _____

(ii) _____

(b) Give two uses of property K in our daily life

(I) _____

(ii) _____