

27. Give any **one** characteristic of forms of energy.

28. Why is it a bad practice to use cold water when carrying out tepid sponging to a person with fever?

29. State any **one** way in which a farmer can improve on the health of poultry.

30. State any **one** reason why a cow goes when disturbed.

31. Give any **one** exotic breed of goats reared purposely for milk.

32. State any **one** reason why vaccines are not administered on the same immunization site on the body of a child.

33. Which method of heat transfer is useful to a laundry worker?

34. Apart from brewing alcohol, give any **one** other way in which fermentation is useful to people.

35. How are nimbus clouds useful during rain formation in the environment?

36. Give any **one** way in which demography is important to a country like Uganda.

37. Name any **one** type of lice that affect human beings.

38. State any **one** characteristic of flowers pollinated by worker bees.

39. Name the part of the sheep removed during docking.

40. Which force enables rain to reach the ground during a rainy day?

18. Give any **one** way in which petroleum products can be conserved at home.

19. How is the use of an arm sling similar to that of splints when giving first aid?

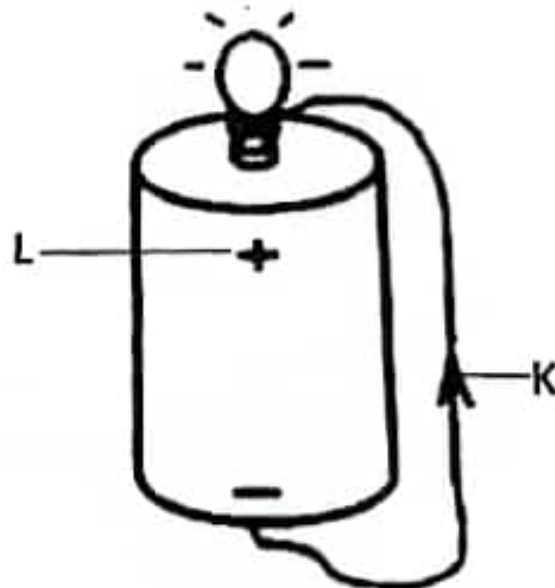
20. State any **one** pair of mixtures that can be separated by evaporation to dryness.

21. Apart from squirrels, name any **one** other example of a rodent.

22. Name any **one** form of deafness in human beings.

23. State any **one** proper method of harvesting trees in agroforestry.

The diagram below shows a simple electric circuit. Use it to answer the questions 24 and 25.



24. Name the particle of an atom whose flow is represented by arrows marked K.

25. State any **one** danger of the form of energy produced at the part marked L to people.

26. How are soft pads found in the feet of a lion helpful to a lion in feeding?

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. (a) Name the form of wood fuel got from burnt;

(i) Wood under limited oxygen supply : _____

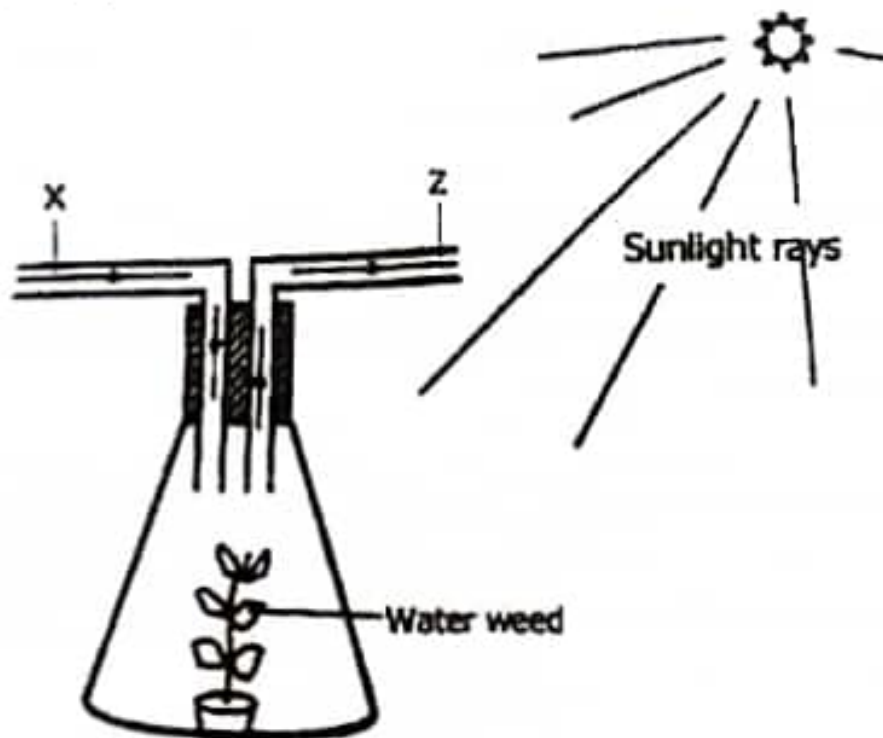
(ii) Carbonized wood : _____

(b) Give any **two** disadvantages of using wood fuel to the environment.

(i) _____

(ii) _____

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



(a) Identify the plant process shown above.

(b) Name the gaseous substances marked X and Z.

(i) X : _____

(ii) Z : _____

(c) State any **one** condition needed for the plant process above to take place.

46. The diagram below shows an intestinal worm. Study and use them to answer the questions that follow.



(a) Name the parts of an Intestinal worm marked **M** and **N**.

(i) **M** _____

(ii) **N** _____

(b) State the function of the part of an Intestinal worm marked **M**.

(c) State the difference in feeding between the intestinal worm above and that of a hookworm.

47. (a) Write down any **two** factors that can lead to short circuit in an electric circuit.

(i) _____

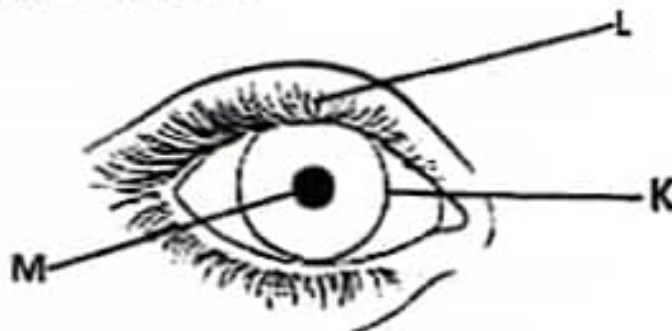
(ii) _____

(b) Give any **two** ways in which short circuits can be prevented from breaking out at home.

(i) _____

(ii) _____

49. The diagram below shows the human optical organ. Study and use it to answer the questions that follow.



33 (a) Give any **two** ways in which saliva is useful in the process of food digestion in the human body.

(i) _____

(ii) _____

(b) State any **one** disorder that affects the digestive system of humans.

(c) Give any **one** way in which you can keep your digestive system in the health working conditions.

(a) Name the fungus that helps in;

(i) Baking cakes in bakeries: _____

(ii) Rotting leftover food in dustbins: _____

(d) State **two** ways in which fungi reproduce.

(i) _____

(ii) _____

44. (a) Give **one** muscle in the human muscular-skeleton that aids in breathing.

(b) State the main reason why the human skeleton is referred to as the

(c) State any **two** protective functions of the human skeleton.

(i) _____

(ii) _____

45. (a) Give any **two** parts of the ear that form the ossicles.

(i) _____

(ii) _____

(b) State the importance of the ossicles in the human ear.

(c) Why is it not advisable to clean our ears using sharp objects?