

SECTION A

1. Name the human eye disease spread by a housefly.
.....
2. Which body system distributes food to all body parts?
.....
3. State any one danger of using expired drugs
.....
4. How is heat important in the management of wastes following the 5Rs?
.....
.....
5. How is a tongue useful during preparation of food?
.....

**The diagram below shows an item used to manage weather
Study it and answer the questions 6 and 7.**



6. Name one type of weather managed by using the above item.
.....
7. Why should the above item be made of a shiny material?
.....
8. State one advantage of rearing hybrids over pure exotic breeds of cattle.
.....
9. Mention one energy resource obtained from waste materials in the environment.
.....

10. Why is a queen bee able to lay fertilized eggs for a long time without mating again?

.....



11. Name the part of the ear that regulates air pressure inside the ear.

.....

12. Give one way of demagnetizing an electromagnet?

.....

13. Why is lemon juice able to conduct electricity?

.....

14. What causes floating and sinking objects when put in water?

.....

15. Apart from prevention of access, give one other way a treated mosquito net controls mosquitoes.

.....

16. State one sanitary practice that controls the spread of candidiasis in the community.

.....

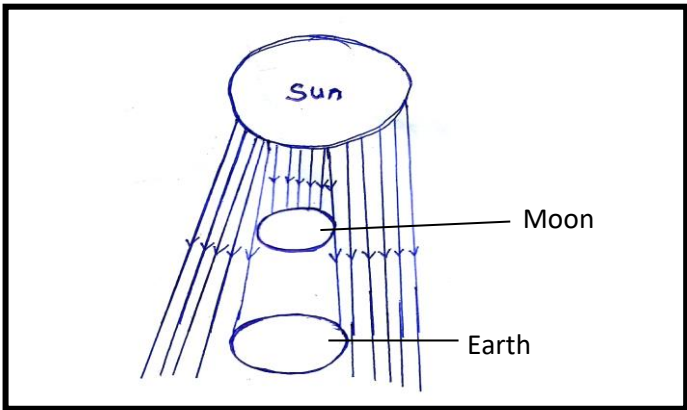
17. Apart from water vapour and air, give one other example of a substance in gas-state.

.....


18. Why does the level of tea in a cup rise when sugar is added?

.....

The diagram below is an illustration of a type of eclipse. Study it and answer the questions 19 and 20.



19. Name the type of eclipse shown by the illustration.

20. Why is the moon able to block light from the sun?
 
21. How do some plants benefits from having small leaves during dry season?

22. Apart from change of skin colour, give one other way animals camouflage.

23. What does a sunshine recorder record about sunshine?

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


25. State one disadvantage of using fresh plants materials for mulching.

26. How can blood be encouraged to flow towards the brain during fainting?

27. Name the digestive disorder that can be caused due to lack of water in the body.

28. Give any one method of making dirty water clean.

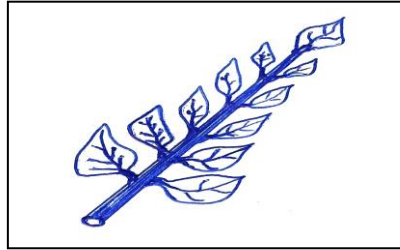
29. Which type of changes take place due to change in temperature.

30. How do soft boards put on walls control echo in a room?
 

31. State the characteristic that enables plants and animals to replace themselves as resources.

.....

The diagram below shows a leaf. Study it and answer the questions 31 and 32.



32. Name the type of compound leaves shown in the diagram.

.....

33. Why is the leaf in the diagram regarded as a compound leaf?

.....

34. What happens to the volume of water when it changes to solid state?

.....

35. How do pollen grains reach the ovules in the ovary for fertilization?

.....

36. Name the pigment in the skin that determines its colour.

.....

37. Why is light seen before thunder during lightening yet they happen at the same time?

.....

38. Give one example of stimuli that plants respond to.

.....

39. State any one way how white blood cells are adapted to their function.

.....

40. What term is used to mean the use of a drug for a wrong purpose?

.....



SECTION B

41a) Apart from rickets, name two diseases caused due to deficiency of mineral salts in the body.

i.

ii.

b) Name the system of the body affected by rickets.

.....

c) What advice can you give to parents to protect their children against rickets?

.....

42a) Name the house for each of the domestic animals below.

(i) Pig.....

(ii) Rabbits

b) Give two disadvantages of human beings sharing houses with their domestic animals.

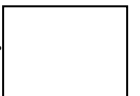
i.....

ii.....

43a) Apart from carbon dioxide, give any two other components of air

i.

ii.

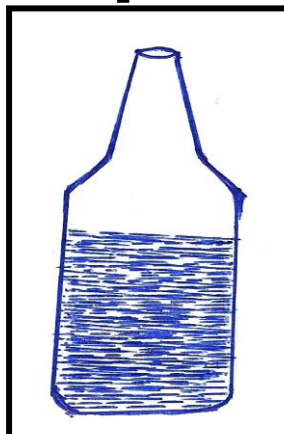


b). state one use of carbon-dioxide to each of the following people.

(i) Cook

(ii) Food packer

44. **The diagram below local musical instrument made by a pupil of P. study it and answer the questions that follow.**



a) How can the instrument in the diagram be made to produce sound?

.....
.....

b) Why did the pupil put water?

.....
.....

c) How can the user make the instrument

(i) Produce high pitch?

.....

(ii) Produce low pitch?

.....

45a) Apart from castration and drenching, give any two other cattle management practices carried out on a farm

i.

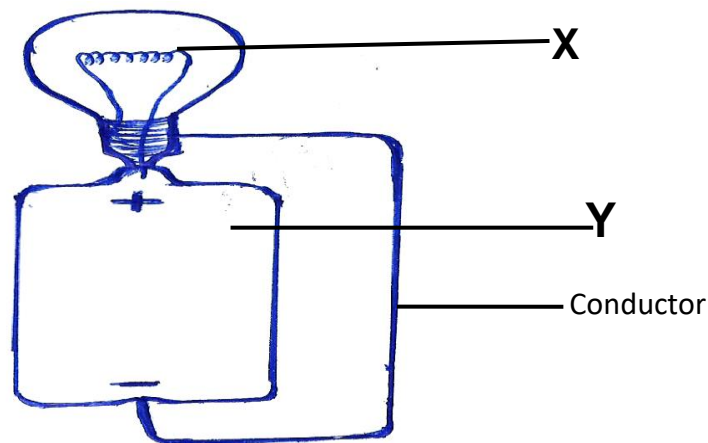
ii.

b) Name the instrument used to carry out each of the practices.

i. Castration

ii. Drenching

46. **The diagram below shows a bulb connected to dry cell. Use it to answer the questions that follow.**



a) Name part **X**.

.....

b) State the energy change that takes place in **Y**.

.....

c) Apart from current, what else flows through conductor?

.....

d) Put an arrow along conductor to show the flow of current.



47a). Apart from wind, name any two other agents of seed disposal.

i.

ii.

b). Give one way seeds are adapted to wind dispersal.

.....

c). State one disadvantage of seed dispersal to a crop farmer.

.....

48a) Apart from latrines, mention two other facilities girls and boys use separately at school

i.

ii.

b) Give two benefits of having separate latrines at school.

i.

ii.

49a) Name the form of energy that changes the temperature of matter.

.....

b) In which units is temperature measured?

.....

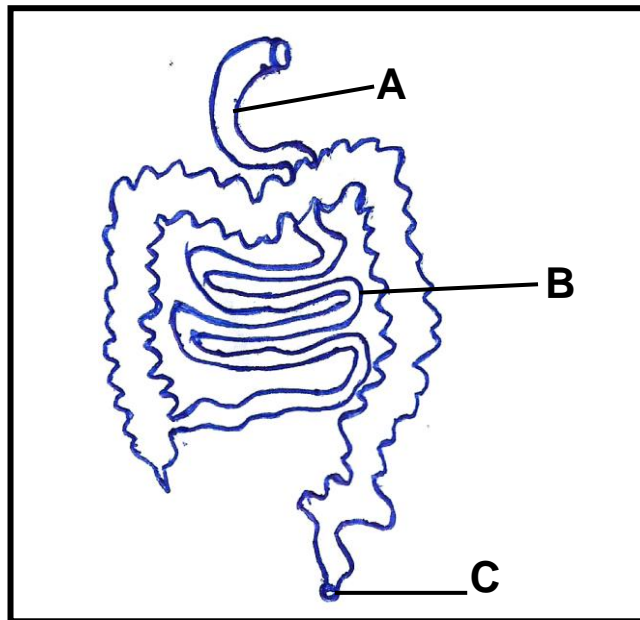
c) Mention two scales used in measuring temperature.

i.

ii.



50. The diagram below shows part of a human body system. Study it and answer the questions that follow.



a) Name system of the body whose part is shown in the diagram.

b) Name part **A**.

c) Which important process takes place at part **B**?

d) State one function of part **C**.

51a) Name any two diarrhoeal diseases.

- i.
- ii.

b) Give two ways of controlling diarrhoeal diseases without using drugs.

- i.
- ii.

52. Complete the table below. Fill in the missing information.

	Animal	Method of protection
(i)	Curling
(ii)	Snake	
(iii)	Bees
(iv)	Hiding under its shell

53 a) Apart from rusting, mention two other chemical changes that take place in the presence of oxygen.

- i.
- ii.

b) Give one effect of rusting on metallic tools

.....

d) Apart from blocking of oxygen, give one other way of controlling rusting

.....

54 a) Apart from humus, mention two other components of soil.

- i.
- ii.

b) How is humus formed?

.....

.....

d) How does sand differ from clay in terms of drainage?

.....

.....

55a) Mention any two types of pit latrines.

- i.
- ii.

b) Give two ways of caring for our latrines

- i.
- ii.

