

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. State one method of preparing cassava for food at home.
2. Name one part that forms the scolex of a tapeworm.
3. Why is it important for a crop farmer to sort seeds before planting?
4. Mention the product got from bees that helps in the control of kwashiorkor.
5. How does the length of the string affect the pitch of sound produced by a guitar?
6. State one advantage of using biogas over firewood for cooking food.
7. Give one way of preventing burns and scalds at school.

The diagram below shows a common practice on domestic animals.
Study and use it to answer questions 8 and 9.



8. Name the activity shown in the diagram above.
9. Why are farmers encouraged to carry out the practice shown in the diagram above regularly?
10. Write one sign of food poisoning in children.



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ENCOURAGE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAR, TE'S GUIDES AND PUPIL'S COMPANIONS.

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11. Which digestive juice contains the enzyme that starts digestion of fats in the duodenum?

12. By which method is Hep. B vaccine administered to babies?

13. Mention one PIASCY message that creates awareness about the effects of HIV/AIDS.

14. How does a mango tree support the life of a passion fruit plant growing near it?

15. State one use of soap in promoting personal hygiene.

16. Apart from gaseous state, give one other state of matter that allows heat transfer by convection.

The diagram below shows a human body organ. Study and use it to answer questions 17 and 18.

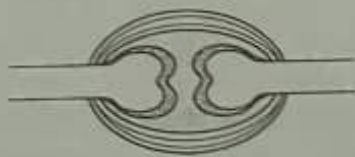


17. Name the part labelled with letter M on the above organ.

18. State the function of part marked with letter K.

19. Mention any **one** role children play at home in the promotion of sanitation.
20. Write **one** disadvantage of planting seeds in the soil during the dry season.
21. How are water bodies in the environment important in rain formation?
22. Which property of magnets enables a pilot to fly an aeroplane using a magnetic compass?
23. Give **one** characteristic that makes melting of ice a physical change.
24. In which **one** way are ovaries similar to testes in their function?
25. State the importance of water during the preparation of ORS locally.
26. Where does the process of respiration take place in the human body?
27. Give any **one** sign of sickness among domestic birds.

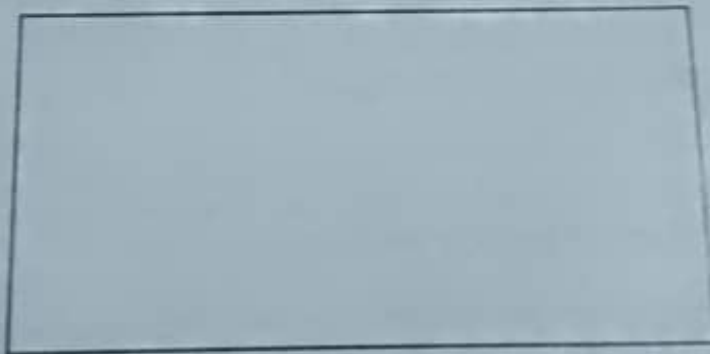
The diagram below shows a type of a joint. Study and use it to answer question 28.



28. Identify the type of movable joint shown in the diagram above.

29. Apart from bites, give **one** other way vectors spread germs.

30. Name the group of dicotyledonous plants that have root nodules.
31. How do jackets and sweaters keep people warm during cold weather?
32. Give any **one** material used for making farm yard manure.
33. State **one** danger of floods to crop farmers.
34. How do objects that are less dense behave in water?
35. Give **one** advantage of using electricity for cooking.
36. How is the use of valves in the veins similar to that of the kink in the clinical thermometer?
37. Name the component of air plants use to make nitrates.
38. Why is lightning seen before thunder is heard during the rainy day?
39. What force enables water droplets to stick on the walls of glass?
40. In the space below, draw the beak of a nectar sucking bird.



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each

41. a) Name **one** example of harmful bacteria that cause diseases to people.
 b) Apart from causing diseases, give **two** other ways some bacteria are harmful to people.

i) _____
 ii) _____
 c) Give **one** way of preventing bacterial diseases in people.

42. a) Which component of air is useful for each of the following;
 i) preservation of semen?
 ii) burning of wood to ash?

b) State **two** processes in the environment that release carbon dioxide as a by product.

i) _____
 ii) _____

43. Given the foodstuffs below;

A	B	C	D	E
Rice	Posho	Meat	Milk	Carrot

a) Which foodstuff in the table above is recommended for babies?

b) Mention the foodstuff in the table that is rich in the following;

i) Vitamin A _____

ii) proteins mainly _____

c) Which **two** foodstuffs are of the same food value?

44. a) State **two** causes of teenage pregnancies in the community.

i) _____
 ii) _____

b) Write **two** effects of teenage pregnancies in girls.

i) _____
 ii) _____

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45. The diagram below shows an equipment. Study and use it to answer the questions that follow.



a) Name the equipment shown above.

b) Which energy resource enables the equipment above to perform its work?

c) Give two importance of the equipment shown above.

i) _____

ii) _____

46. a) What term describes customs that forbid people from eating certain foods?

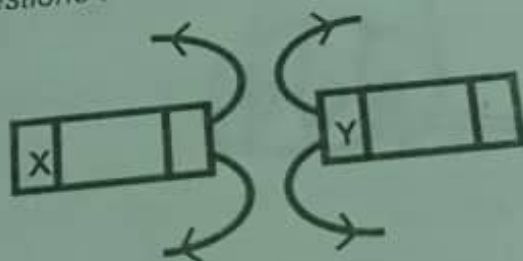
b) Mention two examples of the customs above.

i) _____

ii) _____

c) State one danger of such customs to people.

47. The diagram below shows magnets nearing each other. Study and use it to answer the questions that follow.



a) Name the poles marked with letters X and Y.

i) X _____

(ii) Y _____

b) State the reason why magnets behave in the way shown above.

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Sometimes fail to carry out

a) Name the prophet of God who prepared coming of the
b) Give

c) What do the arrows represent in the diagram above?

48. a) Write two signs of poor sanitation in a school

i)

ii)

b) How does the absence of a rubbish pit lead to poor sanitation in a school?

c) State one danger of poor sanitation in a school.

49. During an experiment, water was added to a lump of soil in a container

a) Name the component of soil that the experiment was about

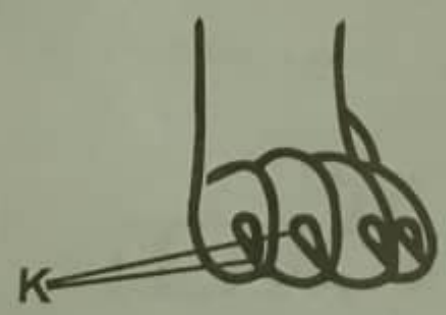
b) Write two uses of the component of soil named in (a) above

i)

ii)

c) Apart from the one the experiment was about, name any one other non-living component of soil.

50. The diagram below shows the foot of a lion. Study and use it to answer the questions that follow.



a) Name the part marked with letter K.

b) How is part marked K useful in the feeding of a lion?

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c) Apart from part marked with letter K, state **one** other adaptation of the above drawn foot as a lion feeds.

d) Name **one** other animal with such a foot.

51. In the table below, part E shows parts of the human skeleton. Part F shows the functions of the parts in their wrong order.

E: Parts of the skeleton	F: Functions of the parts
ligament	protects the brain
tendon	cushions a joint
skull	joins a bone to a bone
cartilage	joins a muscle to a bone

Select from the table the correct functions of the parts and write in the space provided below.

i) ligament _____

ii) tendon _____

iii) skull _____

iv) cartilage _____

52. a) State the main cause of short circuits.

b) Write **two** signs of a short circuit in an installation.

i) _____

ii) _____

c) How is a fuse similar to a switch in forms of function?

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