

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

1. Name the type of teeth present in the mouth of an adult human being.

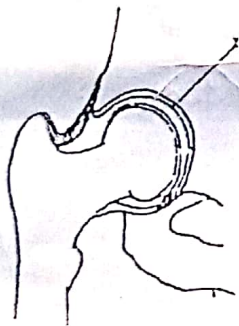
2. Name one solvent used in the preparation of oral rehydration solution.

3. Mention any one way farmers can maintain soil fertility in their gardens.

4. Give any one method of heat transfer in matter

5. Why are crushed egg shells added to the layers mash?

The diagram below is of a type of joint. Use it to answer questions 6 and 7



Z

6. Name the type of movable joint shown on the diagram shown above.

7. State the importance of part Z in the joint.

8. State any one process involved in the rain cycle.

What type of air current enters the house through windows and doors?

10. Give one use of alcohol to school Nurse in the sick bay.

11. How is the human kidney useful in the process of excretion?

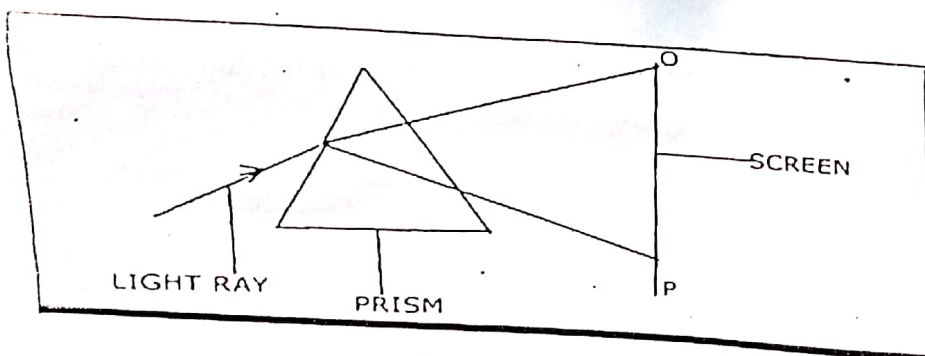
12. State any one reason why houseflies lay their eggs on decomposing matter.

13. State one characteristic of objects that float on water.

14. How useful is a swim bladder to a fish?

15. Name any one flesh eating mammal kept at home.

The diagram below shows a ray of light striking a glass prism. Use it to answer question 16 and 17.



16. Name the glass prism shown on the diagram above.

17. Why does the light ray bend when it enters the glass Prism?

Give any one way in which you can use plants as energy resource.

19. How do teeth help in proper digestion of food?

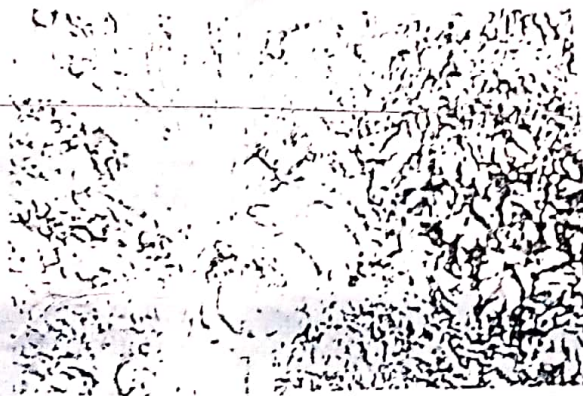
20. State one use of echoes to pilots.

21. Give any one way some plants use to climb others.

22. Why is a tick classified as an arachnid?

23. Suggest one way how too much sunshine can be dangerous to crop farmers.

The diagram below is of a beehive. Use it to answer question 24 and 25



24. Name the type of beehive shown in the diagram above.

25. Give one reason why most rural bee farmers prefer the above type of beehive.

26. Why is dew formed at night?

27. State one way clay soil is useful to the construction industry.

28. State the importance of rusting in the environment.

Write any one immunizable disease that affects the lungs.

30. Apart from zero grazing, name any other system of grazing cattle.

31. Name the type of fungi that helps in baking bread.

32. Give the first step in the cleaning of clothes.

33. How does a moth get attracted to a night rose flower?

34. State any one way of caring for sick people.

35. Name one root tuber crop which is propagated by use of seeds.

36. Write down any one activity done during a health parade.

37. Of what importance are Halteres to an insect during flight?

38. Give any one reason why farmers in Kisoro terrace their land.

39. Apart from brushing teeth, mention any one way a person maintains oral Health.

40. State one way of controlling diarrheal diseases.

SECTION B: (60 MARKS)

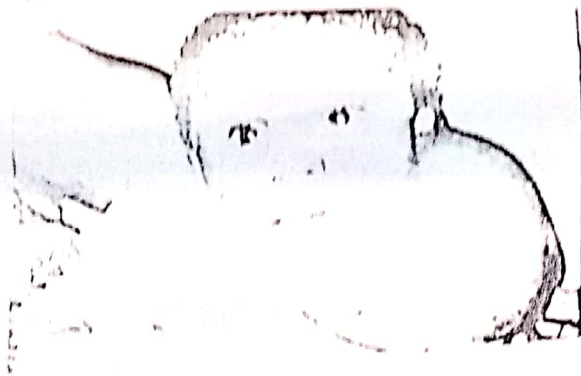
Question 41 to 55 carry four marks each.

41.(a) What is a ranch?

(b) Mention any two factors to consider when starting a ranch.

41. What is the importance of capital as a factor of production?

The diagram below is of a Child suffering from deficiency disease. Use it to answer question 42.



42(a). Name the deficiency disease.

(b). State the cause of the above mentioned disease.

c). Mention any two food stuffs the mother should give to the child to prevent above disease.

43(a). Write down any two ways of controlling crop pests in the maize garden.

(b). Explain why it is not advisable to have a maize garden near forest.

(c) What type of pollination does maize undergo?

44. Match items in list A with these in list B

A	B
(i) Knife	Harvesting rice
(ii) Forked Hoe	Digging stoney areas
(iii) Axe	Splitting wood
(iv) Sickle	Peeling

- (i). Knife _____
- (ii). Forked Hoe _____
- (iii). Axe _____
- (iv). Sickle _____

45(a). Give any two methods of administering vaccine.

(b). At what age is inject able polio vaccine administered to children?

(c). Why are people who are above 50 years old given booster doses against Covid-19?

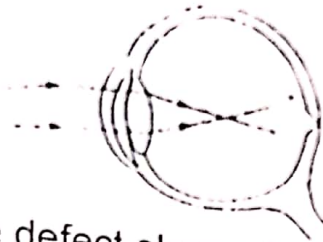
46(a). Name the type of change in which a substance changes from one form to another but still remains the same.

(b). Give any two examples of such changes mentioned above.

(c). How does melting as change takes place?

The diagram below is of a human eye. Study it to answer question 47.

47



47. (a) Name the eye defect shown in the diagram.

b) Name the type of lens that can be used to correct the defect.

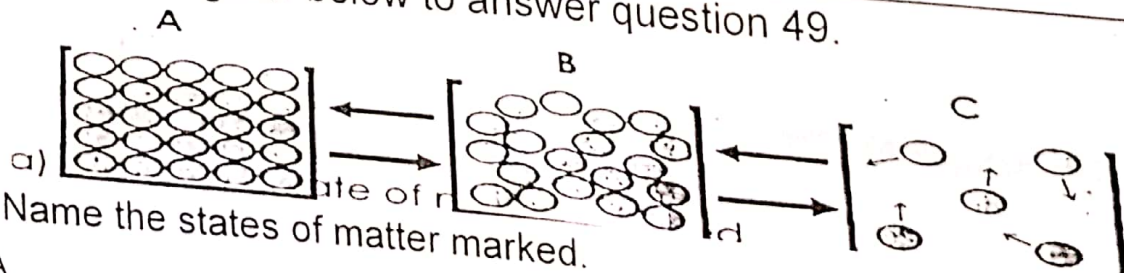
(c) Give the two possible reasons that cause this defect?

48. (a) Give any two methods of fishing.

(b). Which food value do we get from eating fish?

(c). How does rearing of fish in a pond help in controlling the spread of malaria?

Use the diagram below to answer question 49.



49 (a). Name the states of matter marked.

A

B

(b) What process is used to change B to A.

Give the form of energy that can be used to change state B to C.

50. Study the table below and complete it

Name of disease	Mode of transmission	Prevention
Cholera		
	Through body contact	Avoid contact with infecte person suchas sweat, blood urine, saliva
COVID 19		Wearing masks

51 (a). Name two types of fruits.

b. State one way in which fruits are useful in our diet.

(c). Give an example of citrus fruit.

52(a). State two methods of castration.

(b). Give any two benefits of castration.

53 (a). Apart from holding a plant firmly in the ground, give any oth uses of roots to plants.

4). Mention any two advantages of vegetative propagation.

54 (a) Briefly write the meaning of the following words.

(i) Near Drowning

(ii) Drowning.

(b) Give any two reasons for giving first aid.

55 (a). The diagram below is of a football boot.



(a). What is the use of the spikes on the football boots?

(b). State any one way of increasing friction apart from the one shown above.

(c). Suggest one way friction is useful in a classroom environment.

(d). How can friction be reduced in the moving parts of the machine?

END