

SECTION A

1. Name one practice at home that can help to control the spread of malaria.

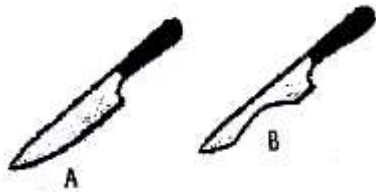
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2. What happens when rays of light strike a concave lens?

3. How does a tape worm obtain its food?

4. How is the sun useful during the process of photosynthesis?

The diagrams show a knife, use it to answer questions 5 and 6



5. Under which group of simple machines does it belong?

6. Which force changed the shape of its blade from A to B?

7. State the property of air that enables one to pump air in a bicycle tyre.

8. Why is the pulmonary artery called an artery yet it transports deoxygenated blood?

9. Why is marasmus regarded as a food deficiency disease?

10. How can you as a child help an invalid?

11. How is an ohmmeter useful in an electric circuit?

12. State one way a community can benefit from a young farmers' club?

13. Why are schools advised to carry out regular health parades?

14. Name one carnivorous animal that belongs to the dog family besides the domestic dog.

15. What is food security?

16. State one method of preserving fish that cannot be applied when preserving beans.

17. Which organ of the digestive system is not part of the alimentary canal?

18. Which childhood immunisable disease is immunized once before the age of 5 months?

19. Mukasa took 2 litres of fermented alcohol while Mpendo took 2 litres of distilled alcohol. Why did Mpendo get more effects of alcohol than Mukasa?

20. Name one animal product that is useful in the cloth-making industry?

21. State one function of a skeleton to man?

22. Which class of food enables the baby develop new cells in its body?

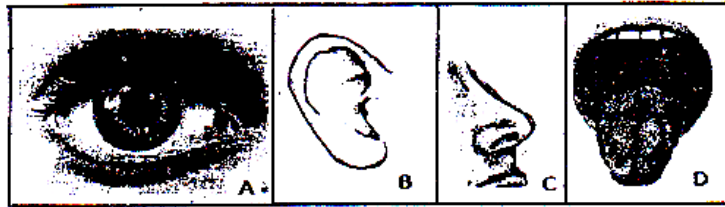
23. How can a poultry farmer protect his fowls from being attacked by their predators?

24. Why would you advise Musisi to plant trees in his banana plantation?

25. Define the term leaching.

26. How do the plants help to control global warming?

The diagrams show sense organs of a human being. Use them to answer questions 27 and 28.



27. Identify one sense organ that is missing.

28. Which organ above will enable Aaron to tell the colour of ice cream?

29. How are magnets useful to electricians?

30. Which part of the skeletal system helps to protect both the lungs and the heart?

31. How do the latrines help to control spread of diarrheal diseases?

32. Why are people advised to wear gumboots when carrying out farm activities?

33. Which part protects flowers when still in bud stage?

34. Why do pigs roll in muddy pools of water?

35. Of what use is soap during the washing of clothes?

36. How is the excretory system useful to the animal's body?

37. How do the people cooking protect their hands from being burnt by hot saucepans?

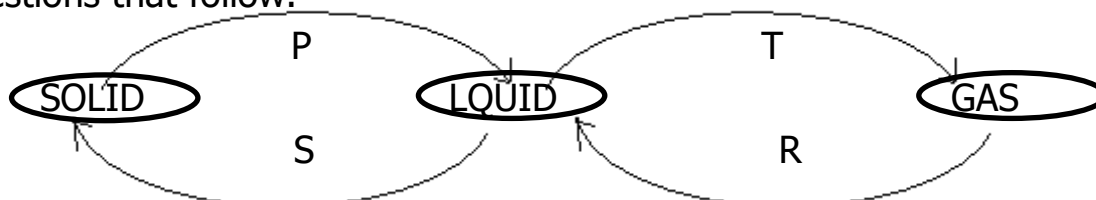
38. Why is rain formation regarded as a physical change?

39. In which state of matter is the maize flour?

40. How is compost manure formed?

SECTION B (60 MARKS)

41. The diagram shows the processes that take place in matter. Use it to answer questions that follow.



(a) Name process marked P.

(b) How is process R similar to process S?

(c) Which of the above labeled process is used to turn solid butter to liquid butter?

(d) Write down any one property of solids?

42(a) What condition is caused by lack of enough water in the body?

(b) State any two causes of the condition mentioned above.

- (i) _____
(ii).....

(c) Mention one way the above condition can be controlled in young children.

43(a) Briefly explain the term environmental degradation.

(b)Mention two natural causes of environmental degradation.

- (i) _____
(ii).....

(c) How does bush burning degrade the environment?

44 a) Give two advantages of keeping poultry using deep litter system

- (i) _____
(ii).....

b) How is debeaking an important poultry management practice?

c) Of what importance is litter in poultry house?

45(a) Which element of Primary Health care enables people to reduce on the death of mothers when giving birth?

(b) Name one activity that can be carried out to improve on proper health life styles.

c) Of what importance are health prefects in a school?

(d) Suggest one way a school can help the community to promote P.H.C

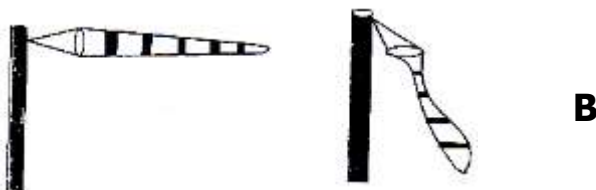
46(a) Identify the crop pest that spreads cassava mosaic.

(b) Apart from being used to absorb nutrients from the ground, name one other use of root tubers to a cassava plant.

(c) What can a farmer do to save his crops when he finds them wilting?

(d) Why is cassava propagated using stem cuttings but not the root tubers?

47. The diagram below show a weather instrument. Use it to answer the questions that follow.



(a) Name the weather instrument shown.

(b) Which weather condition is indicated by the instrument in position A?

(c) Why did the weather instrument change behavior from position A to B?

(d) Name any one weather instrument found in the Stevenson screen.

48(a) Write HIV in full.

(b) Why should a person be given a pre-test counseling?

(c) How does HIV/AIDS reduce the revenue of a country?

(d) State one way HIV can enter the human body.

49.a) What is a nursery bed?

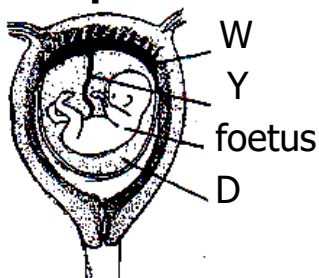
b) Write down any two importance of a nursery bed.

(i)

(ii)

c) In which one way can seedlings in the nursery bed be cared for?

50. **The diagram shows a female reproductive system in humans. use it to answer questions that follow.**



(a) Name the fluid marked D.

(b) Of what use is such a fluid to the fetus?

(c) Which waste material can be excreted through part Y?

(d) How long is the gestation period in humans?

51(a) Name one insect that can be reared for commercial purposes.

(b) Point out one product that is got from rearing the above insects.

(c) Why is it dangerous to keep the above insects near a school?

(d) How can a shoe shiner benefit from the insects mentioned in (a) above?

52. The list below shows living organisms, found in the environment. Use it to answer questions about it; grass, frogs, grasshoppers, snakes and bacteria



(a) Using the given list, fill the blocks above to form a food chain.

(b) Why is grass regarded as the producer in the food chain?

(c) What are secondary consumers?

(d) What role is played by the bacteria in the food chain?

53(a) What is a lever?

(b) Why is a pair of scissors referred to as a first lever?

(c) Give one reason why levers are regarded as simple machines.

(d) State one way the law of levers is used in our day today life.

54. **The diagram shows an invertebrate. Use it to answer the questions that follow.**



(a) Name the group of invertebrates where the animal above belongs.

(b) How is part marked Y important to the animal?

(c) Name one vertebrate animal that uses a similar method of defense to the animal above.

(d) How can the above animal be dangerous to humans?

55(a) Name two health concerns of the people in Uganda.

(i) _____

(ii) _____

(b) How are health surveys important to the population?

(c) State one service people get when they go to hospitals.

*******GOD BLESS*******