**ST. THEREZA NAMILYANGO DIRLS’ BOARDING**

**END OF TERM I CONTINUOUS ASSESSMENT 2024**

**P.7 INTEGRATED SCIENCE**

***Time Allowed: 2 Hours 15 Minutes***

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**Candidate’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Candidate’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**District Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SECTION A (40 MARKS)**

1. Name one example of a pest that can be controlled by crop rotation.

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2. Which state of matter has a definite volume and shape?

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3. Mention any one non edible product from poultry.

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4. Why do bees produce wax?

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5. Why is a biogas digester not completely filled with plant and animal wastes?

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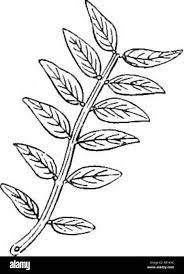
6. Which advice can you give a person who is suffering from indigestion?

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7. Name the component of blood that carries hormones in the body.

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**The diagram below shows a compound leaf. Use it to answer questions 8 and 9.**



8. Name the compound leaf above.

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9. Why is the leaf above grouped under compound leaves?

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10. Why is it a bad habit to share clothes?

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11. Give one role played by saliva during the process of digestion of food.

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12. How does gonorrhoea lead to barrenness in women?

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13. Mention the breeding place for the vector that spreads yellow fever.

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14. What name is given to crops that take more than a year to mature?

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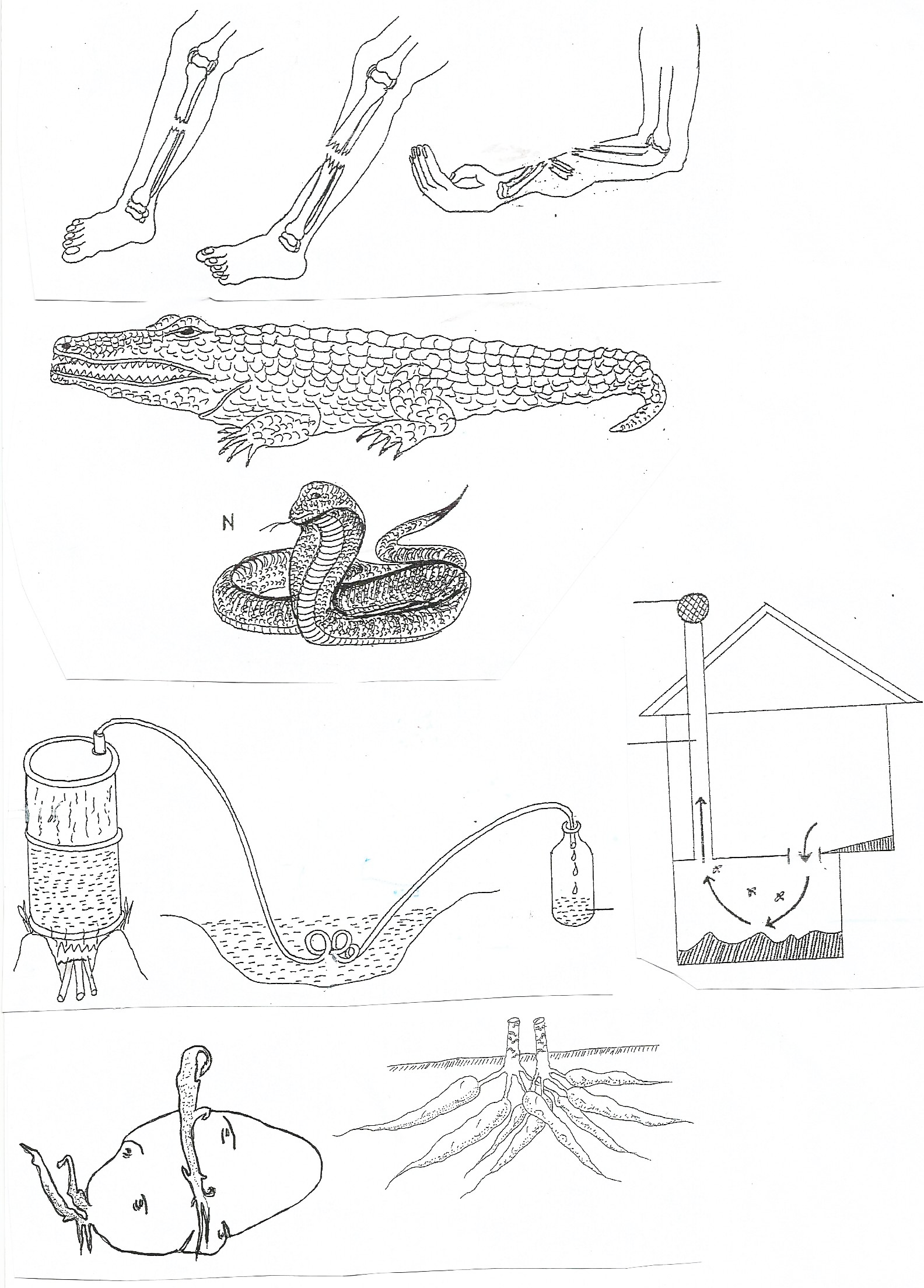
15. State the energy change in a bulb before producing light.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Mention one condition under which a person can be immunized with tetanus toxoid vaccine.

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**Use the diagram of an injury of the body below to answer questions 19 and 20.**



17. Name the body injury that requires the form of first aid above.

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18. State the importance of the form of first aid shown in the diagram above.

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19. Give one disadvantage of harvesting honey using fire.

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20. Mention one method that can be used to separate solid mixtures.

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21. Name one method of magnetisation which involves use of another magnet.

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22. Give one advantage of regular weeding of crops.

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23. Apart from having no back bone, give one other similarity between myriapods and arachnids.

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24. How does the use of alternative sources of energy conserve non-renewable energy resources ?

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25. Mention one part of the human ear that makes up the middle ear .

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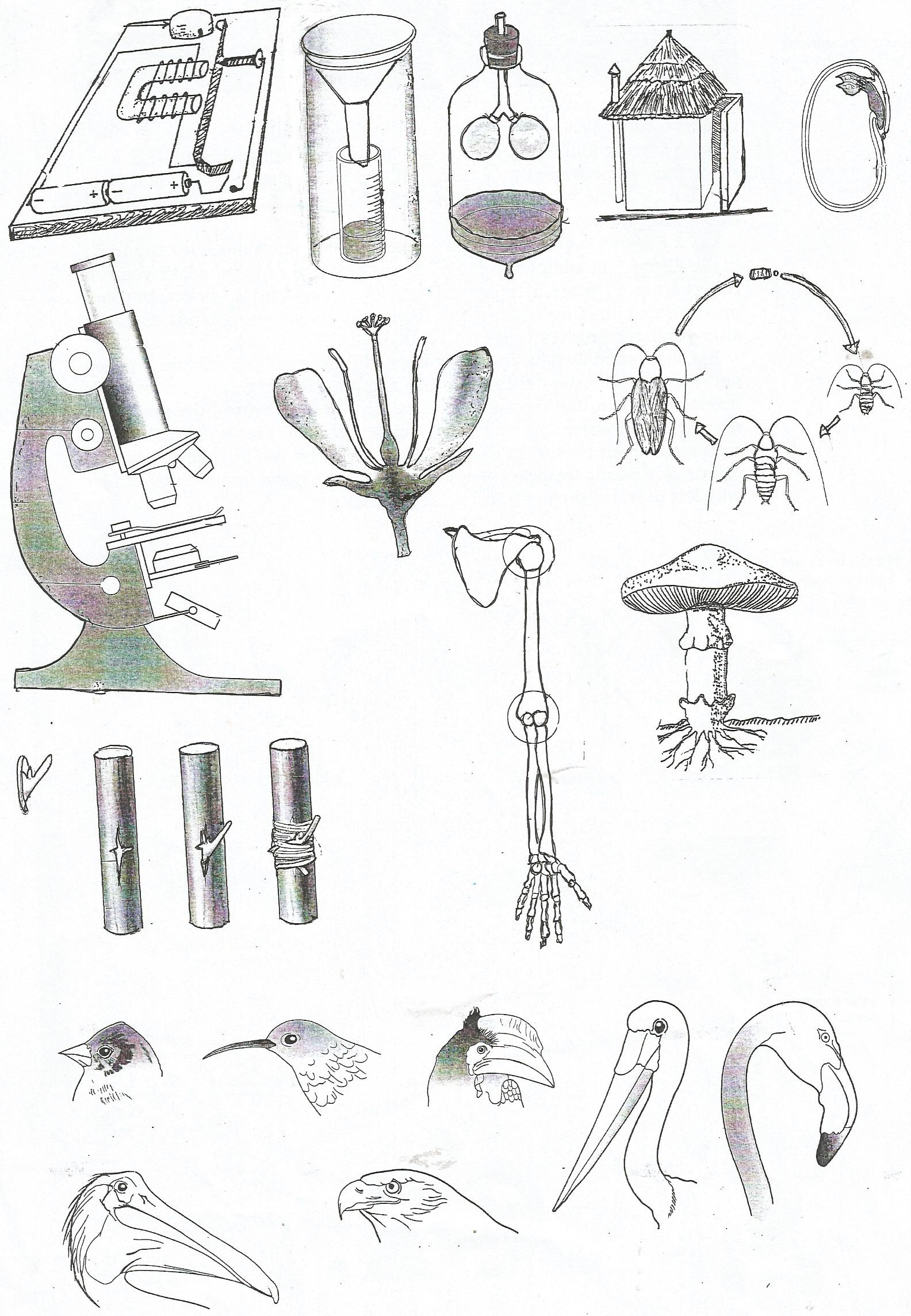
**The diagram below shows changes of state of matter. Use it to answer questions 26 and 27.**

Condensation Y

C

B

A

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26. Which process of the changes in state of matter is represented by Y?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

27. Give any one way in which condensation is important to people.

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28. Mention one method of cooking that does not need water to be added when cooking.

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29. Give the reason why yeast is added to dough when making bread.

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30. State one problem a person may get due to poor personal hygiene.

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31. Write one effect of soil erosion to soil.

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32. Which weather instrument is used to measure the speed of wind?

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33. Mention any one activity done by a family to promote P.H.

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34. How is a tendon different from a ligament?

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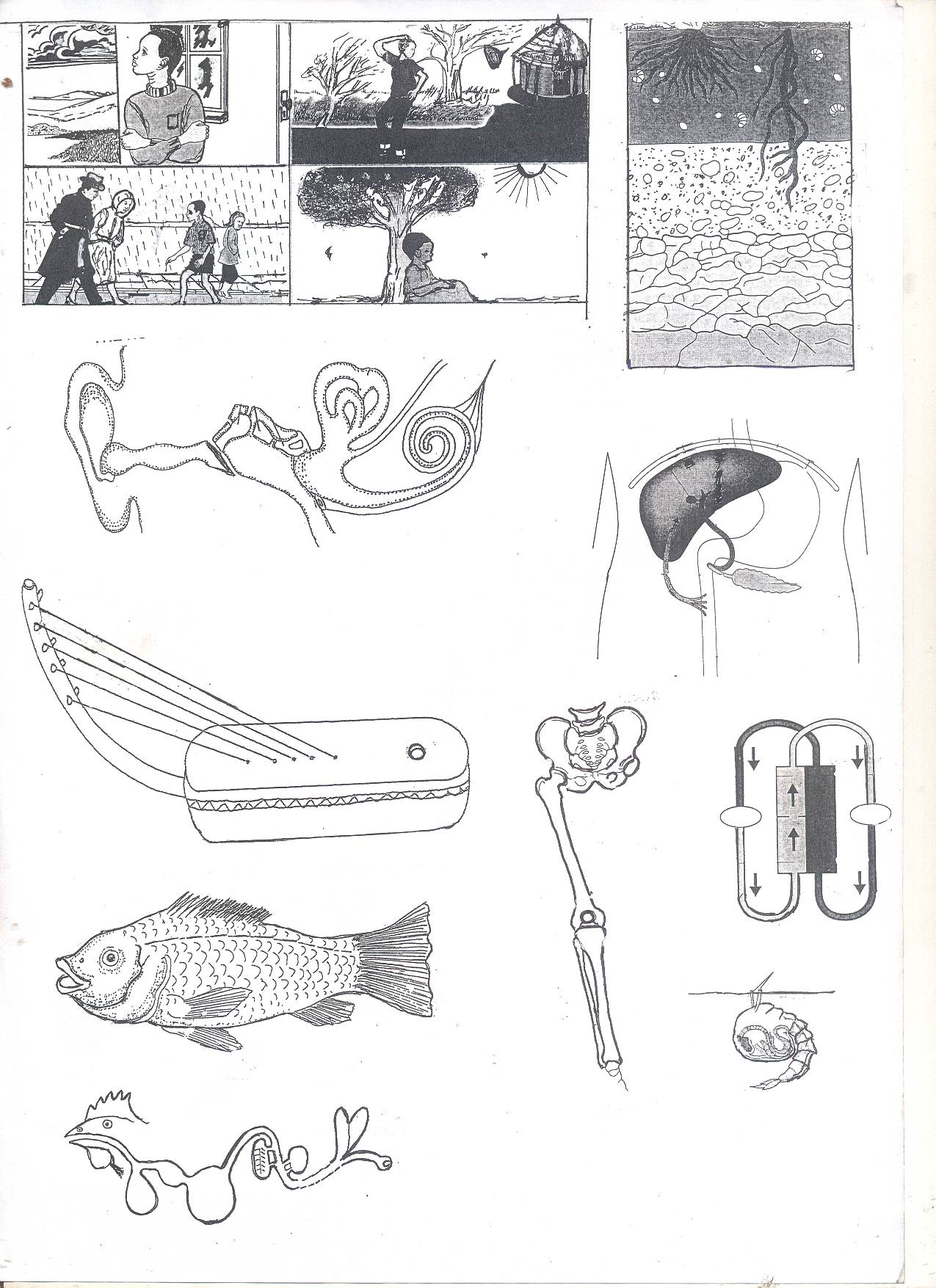
35. Why should the hole of an ordinary pit latrine be covered?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

36. Give the importance of warmth during seed germination.

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**The diagram below shows musical instruments. Use it to answer questions 37 and 38.**



**B**



**A**

37. Name the musical instrument labelled B.

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38. Why is musical instrument A grouped under stringed musical instruments?

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39. How can the problem of drug dependence be solved in the community?

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40. Mention any one type of chicken kept by people.

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**SECTION B 60 MARKS**

41(a) Give the meaning of teenage pregnancy.

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(b) State any two ways in which teenage pregnancy affects a P.7 girl.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) What advice can you give a P.7 girl to protect her from teenage pregnancy?

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42(a) Mention any one component of a home where germs can multiply easily if poorly maintained.

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(b) State one condition which helps germs to breed.

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(c) Give any two activities people carry out to control the multiplication of germs in their homes.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

43. **The diagram below shows a method of grazing cattle. Use it to answer the questions that follow.**

(a) Name the above method of grazing in the diagram above.

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(b) Mention one disease in cattle controlled by the method of grazing above.

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(c) How does the method above control the disease mentioned in “**b**” above?

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(d) Apart from disease and parasite control, state one other advantage of the above method of grazing.

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44(a) State the cause of the following food deficiency diseases.

(i) marasmus\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii) kwashiorkor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) How can food deficiency diseases be prevented in a family?

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(c) Give one way of protecting cooked food from contamination.

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45(a) Name the device used at home to keep hot things hot and cold things cold.

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(b) Mention the part of the device named above which prevents heat gain or loss by:

(i) radiation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

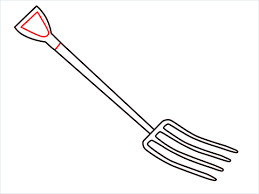
(ii) conduction and convection\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Why does the cork of the device above prevent heat gain or heat loss by conduction.

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46. **The diagrams below are of garden tools. Use them to answer the questions that follow.**

**A B C**

(a) Name the garden tools labelled **B** and **C**.

(i) **B** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii) **C** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Which of the above garden tools is used for turning manure in a compost pit?

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(c) State any one way of promoting the efficiency of the above garden tools.

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47(a) Give two reasons why electric wires in a house should be covered with insulators.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Apart from covering electric wires, state any one other use of insulators to people.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Why is distilled water unable to conduct electricity?

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48. **The table below shows parts of the respiratory system and their behaviour during inhalation and exhalation**. **Study and** **complete it.**

|  |  |  |
| --- | --- | --- |
| **Respiratory** | **Inhalation** | **Exhalation** |
| (i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | moves downwards and flattens  ………………………… | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| (ii)ribcage | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | moves downwards and inwards |
| (iii)intercostal muscles | They contract | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

49(a) Give any two causes of swarming in bees.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) State any two ways in which bee farmers can prevent swarming in bees.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

50(a) Name the vaccine administered to infants on the left upper arm.

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(b) At what age is the vaccine named above administered to the infants?

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(c) Why is the vaccine administered to infants at the age stated in “**b**” above?

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(d) Give any one role of a Primary Seven pupil in promoting immunization.

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51. **Match the first aid items in** List A **to their functions in** List B **correctly.**

**A B**

- to disinfect wounds

- for tying a sprained joint

- for fastening bandage

- to cover wounds to keep away dirt

(i) plaster

(ii) safety pins

(iii) iodine solution

(iv) bandage

**Correct order**

(i) plaster \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii) safety pins \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(iii) iodine solution \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(iv) bandage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

52(a) Which method of obtaining clean water involves:

(i) gentle pouring of clean water on top into another container?

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(ii) heating water at boiling point and condense the vapour?

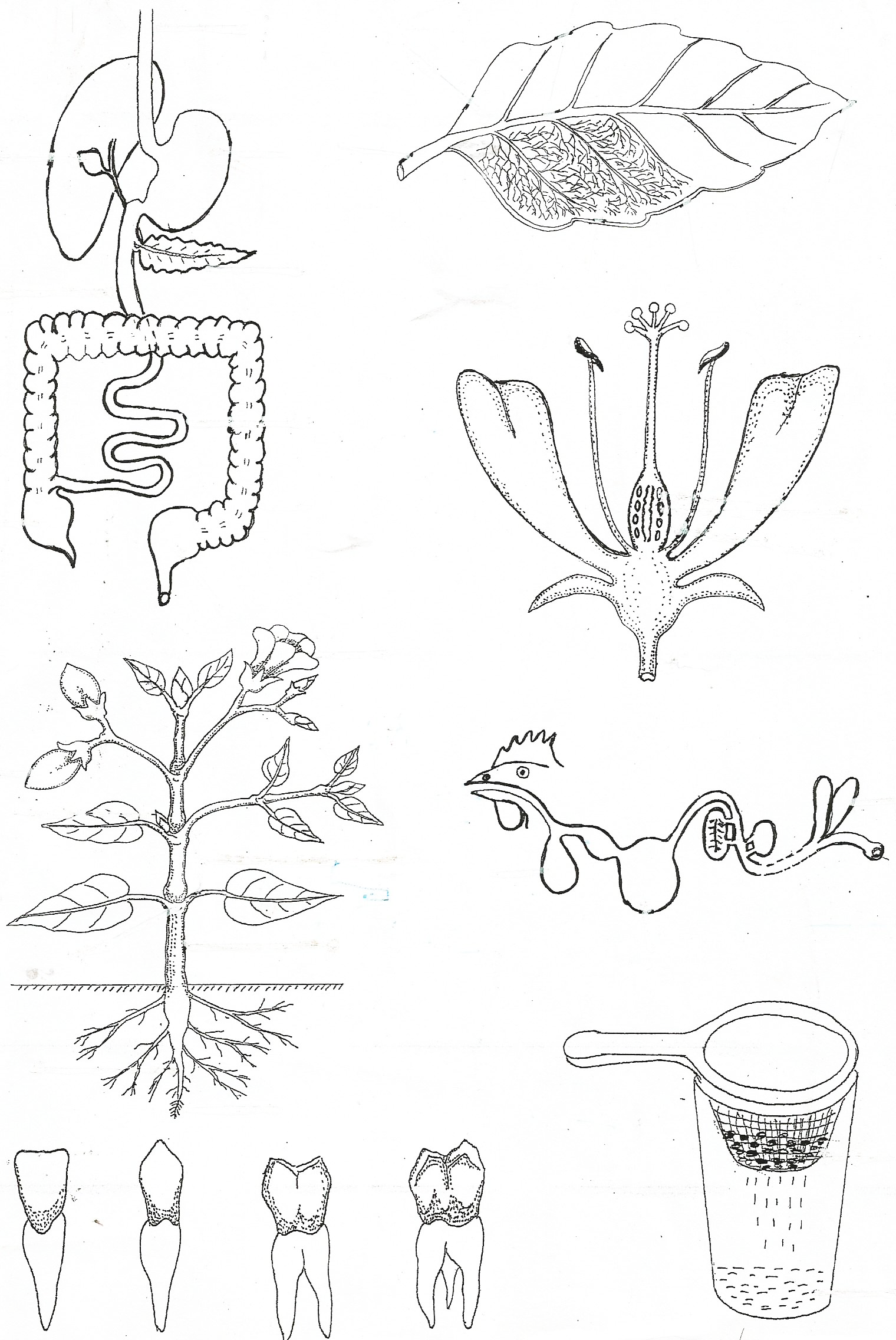
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) How can water obtained by filtration be made safe for drinking?

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(c) How can safe water for drinking be protected from contamination?

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53. **The diagram below shows a body system. Use it to answer the questions that follow.**

P

liver

(a) Name the body system above.

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(a) Give the importance of the system above to the body.

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(c) Mention one disease which affects organ labelled P.

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(d) How can the body system above be kept in good working condition?

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54(a) Which wood fuel is obtained by burning wood under limited supply of oxygen?

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(b) Give any two ways of conserving trees in our environment.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) State any one danger of uncontrolled cutting down of trees.

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55(a) Which disease of blood is described as blood cancer?

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(a) Mention one disease of blood that affects red blood cells.

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(c) How does lack of enough iron affect the body?

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(d) State one form of advice you can give someone in order to avoid high blood pressure.

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**~END~**