

# HILLSIDE PRIMARY SCHOOL-NAALYA

## BASIC SCIENCE AND HEALTH EDUCATION

### P. 5 EXTRA HOLIDAY PACKAGE (SET ONE)

TERM ONE 20201.

#### SECTION A

1. How are petals important to flowers?

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2. Mention one use of oxygen gas.

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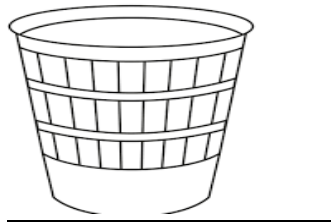
3. Which stage of a housefly is a danger to man?

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4. State the type of soil which is good for farming.

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**The diagram below shows a container used to ensure proper disposal of rubbish. Use it to answer questions 5 and 6.**



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5. Name the container shown in the diagram.

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6. Identify one place where the container can be placed.

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7. What name is given to the small living organs that cause diseases?  

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8. A heart is one of the delicate parts of the body. What part of the skeletal system protects it?  

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9. of what importance is the synovial fluid in a joint?  

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10. Why do farmers paint some of their garden tool?  

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11. State the component of air needed to preserve bottled drinks.  

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12. What is the main source of heat and light in the environment?  

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13. Mention one effect of eating sweet foods to our teeth?  

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14. Molinga was suffering from kwashiorkor. Why was his mother advised to feed him on fish?  

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15. In which state of matter is a stone?  

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16. Mention one poultry disease.  

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17. What are main organs of respiration in people?  

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18. What are male bees called?

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19. Name one immunisable disease.

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20. Why is it advisable to brush our teeth after every meal?

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21. Below is a diagram of a tooth. What is its function?



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22. Which method of keeping poultry is commonly used by farmers in rural areas?

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23. Give one use of crop rotation to the soil.

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24. Mention one class of food.

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25. Why should we boil water to make ORS?

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26. State one way of controlling mosquitoes at home.

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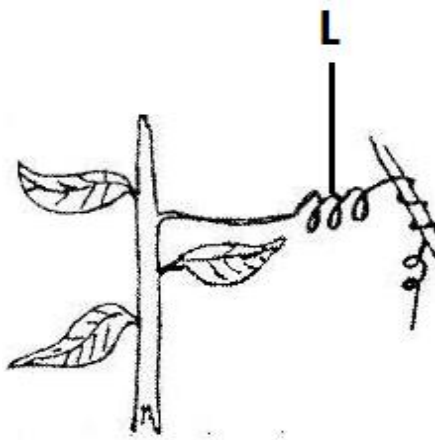
27. Why should every home have to use a latrine or toilet?

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28. Give one example of a monocotyledonous seed.

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29. Study the diagram below and answer the question that follows.



What is the importance of structure marked L?

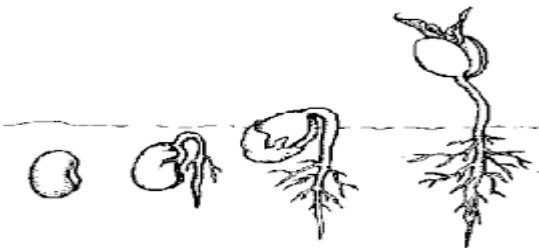
30. Why are sheep considered to be ruminants?

31. Why is it important to cover wounds with bandages?

32. How can hookworm infection be controlled without using drugs?

33. What is the work of white blood cells in the body?

34. Use the diagram below to answer questions that follow.



State the type of germination shown in the diagram.

35. Which bee lays eggs in a hive?

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36. Give a reason why farmers keep layers.

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37. Why is the trachea made of rings of cartilage?

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38. Give one example of a plant that undergoes the above type of germination.

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39. What term is used to describe the vertical arrangement of soil layers?

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40. What structure joins bones together in a joint?

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### **Section B**

41a). What are poultry vices?

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b). Suggest one cause of poultry vices.

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c). Mention two examples of poultry vices.

i. \_\_\_\_\_

ii. \_\_\_\_\_

42a). Name two things worker bees use to make honey.

i. \_\_\_\_\_

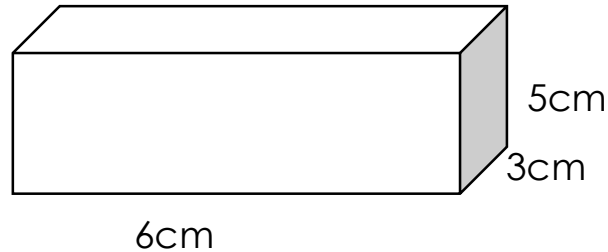
ii. \_\_\_\_\_

b). State any two industrial uses of honey.

i. \_\_\_\_\_

ii. \_\_\_\_\_

43. Study the diagram below and answer questions that follow.



a). Calculate the volume of the box.

b). Find the area of the shaded part.

44a). Apart from the solid state, list down any other three states of matter.

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_

b). In which state of matter is milk?

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

45a). Mention two liquids that can be used in thermometers.

i. \_\_\_\_\_

ii. \_\_\_\_\_

b). Give two uses of heat to us.

i. \_\_\_\_\_

ii. \_\_\_\_\_

46. Match words in A to those in B.

**A**

a). brain

b). lungs

c). red blood cells

d). small intestines

**B**

protected by the rib cage.

absorption of digested food.

protected by the skull.

affected by malaria parasite.

47a). What is air?

\_\_\_\_\_

b). What component of air takes up the largest part?

\_\_\_\_\_

c). Mention any two properties of air.

\_\_\_\_\_

\_\_\_\_\_

48a). State the three types of soil.

i. \_\_\_\_\_

ii. \_\_\_\_\_

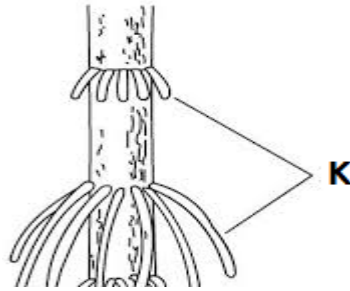
iii. \_\_\_\_\_

b). Mention one method through which soil is formed.

\_\_\_\_\_

\_\_\_\_\_

49. The diagram below shows part of a plant. Use it to answer questions that follow.



- a). Name the structures marked letter K.
- \_\_\_\_\_
- b). How are the structures you have named above useful to such a plant?
- \_\_\_\_\_
- c). Mention two plants with such structures.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

- 50a). A grasshopper is an insect. Mention two characteristics of insects.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

- b). On which part of the grasshopper's body are the spiracles found?
- \_\_\_\_\_

- c). What does a grasshopper eat?
- \_\_\_\_\_

- 51a). Name two types of weather.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_

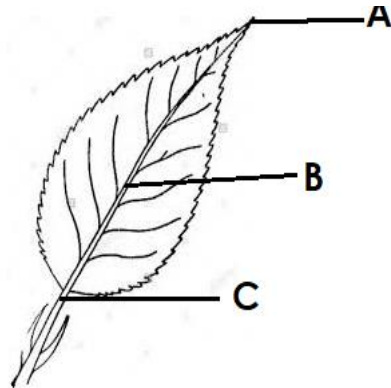


b). Name two weather instruments found at a weather station.

i. \_\_\_\_\_

ii. \_\_\_\_\_

52. The diagram below is of a leaf. Study it and answer the questions that follow.



a). Name part marked B

\_\_\_\_\_

b). Indicate with an arrow the part which carries out the role of breathing on the leaf.

c). Give one function of leaves to plants.

\_\_\_\_\_

d). Give one plant with such a leaf as shown above.

\_\_\_\_\_

53a). Identify the first set of teeth on human beings.

\_\_\_\_\_

b). What type of teeth is used for the following functions?

i. grinding food

\_\_\_\_\_

ii. tearing food

\_\_\_\_\_

c). What type of teeth has a boy of 18 years?

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54a). Which part of a cassava plant stores food?

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b). Apart from cassava, give any other example of a root crop.

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c). Name two root-crop pests.

i. \_\_\_\_\_

ii. \_\_\_\_\_

55a). What is pollination?

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b). Mention one type of pollination.

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c). State two agents of pollination.

i. \_\_\_\_\_

ii. \_\_\_\_\_