

**P.6 Science End of Year 2011**

**NAME:** \_\_\_\_\_ **STREAM:** \_\_\_\_\_

SECTION A.

1. Name the disease which is spread by a female anopheles mosquito.  
.....
2. Which form of energy changes ice to water?  
.....
3. Give a reason why drugs should be kept away from children.  
.....
4. Mention any one importance of litter in a poultry house.  
.....
5. Write down any one example of a plant fibre.  
.....

**An experiment was done by a P.6 class as shown in the diagram below. Use it to answer the question that follow.**

6. When is such a method of finding volume shown in the diagram used?  
.....  
.....

7. If the object above has a density of  $2\text{g/cm}^3$ , find its mass.
  
  
  
  
  
  
  
  
  
  
8. State one type of accident whose First Aid is to put the affected part of the body in cold water.  
.....
9. Why should children be given food which is rich in proteins?  
.....
10. Give one way in which plants depend on soil.
11. Why is copper regarded as a non-renewable resource energy?

12. Name any one characteristic of seeds which are dispersed by wind.

**The diagram below shows a fracture. Use it to answer question 13.**

13. What type of fracture is shown in the

14. Mention an one reason why a school should have a garden.

15. What is the use of gills in a mushroom?

16. Give one way in which P7 pupils can promote immunization in their families.

17. Apart from pregnant mothers, young and disabled people, give any one other group of people who need special care in a family.

18. In which way is leaching dangerous to plants?

19. Why should a nurse shake the clinical thermometer before it is used on another patient?

20. State one way in which a farmer can control crop diseases without using chemicals.

21. Name the turning point of a joint.

22. Why are ventilators usually put on a higher level than doors and windows in a house?

23. How do conifers differ from other non-flowering plants?

24. What is the importance of a chimney in a kitchen?

.....  
25. Apart from getting food, give any one other way in which birds benefit from plants.

.....  
26. What type of skeleton does a cockroach have?

.....  
27. What is the importance of water during seed germination?

.....  
28. How does a human body cool itself on a hot day?

.....  
29. How is the fertilization of the eggs of amphibians different from those of reptiles?

.....  
30. How can the pitch of a string of a musical instrument be changed?  
.....

.....  
31. Mary shouted in a big house and she heard the same sound repeated. Name the repeated sound she heard.

.....  
32. Give one advantage of using herbicides (chemicals) to kill weeds in crop gardens.

.....  
33. State an example of a crop which is a legume.

.....  
34. Give one way in which termites depend on soil.

.....  
35. State any one way in which the human lungs can be kept in proper working condition.

.....  
36. A man lives with his wife, two sons and a nephew. What type of family is this?

.....  
37. Name any one by-product of respiration.

.....  
38. State the type of change that takes place when a baby grows to an adult/  
.....

**The diagram below is a section of a flower.**

**Use it to answer questions 39 and 40.**

39. Name the part marked A.

.....

40. Use letter **P** to show the part that produces the male reproductive cells.

**SECTION B.**

41. (a) Give one way in which Primary Health Care (PHC) is important to a community.

.....  
(b) State the element of Primary Health Care which is promoted by each of the following activities.

(i) Sweeping the kitchen: .....

.....

(ii) Putting drops of polio vaccine into the mouth of a child.

.....

.....

(iii) Eating a balanced diet: .....

.....

42. (a) State two differences between birds and mammals.

(i) .....

(ii) .....

(b) Give two similarities between birds and mammals.

(i) .....

(ii) .....

43. **The diagram below is of a fish.**

**Use it to answer the questions that follow.**

(a) Name the part labelled R.

.....  
(b) Give the function of the parts labeled **P** and **U**.

**P:** .....

.....

**U:** .....

.....

44. **The diagram below shows a germinating seed.**

Use it to answer the questions that follow.

(a) State the type of germination shown in the diagram.

.....

.....

(b) Where does the seed above store the food used during germination?

.....

.....

(c) Give an example of a crop with the same type of germination.

.....

45. (a) State any two natural causes of environmental degradation.

(i) .....

(ii) .....

(b) Give two human causes of environmental degradation.

(i) .....

(ii) .....

46. (a) Which part of the body is affected by each of the following diseases?

(i) Scabies: .....

(ii) Trachoma:.....

(b) State the vector which spreads each of the following diseases.

(i) bilharzia: .....

(ii) rabies: .....

47. (a) Mention two primary sex changes that happen in boys.

(i) .....

(ii) .....

(b) Give two secondary sex changes which happen in both boys and girls.

(i) .....

(ii) .....

48.(a) Apart from millet, wheat and sorghum, give any one other cereal food crop.

.....

(b) Mention any one common pest that destroys cereal crops.

.....

(c) Give any two reasons why cereal crops are dried before storing.

(i) .....

(ii) .....

49. (a) Apart from a worker bee, mention two other types of bees found in a bee hive.

(i) .....

(ii) .....

(b) Write down two materials collected by a worker bee from the environment.

(i) .....

(ii) .....

50. (a) What form of energy does a ball have before it is kicked?

.....

(b) What energy change takes place immediately a ball is kicked?

.....

(c) Give two forms of energy produced by the ball as the goal keeper catches it.

(i) .....

(ii) .....

51. **The diagram below shows two balloons A and B ties on a balance beam. Use it to answer questions that follow.**

(a) Name the two properties of air shown in the above diagram.

(i) .....

.....

(ii) .....

.....

(b) If that balance beam was left in the sun for sometime, what would happen to balloon A?

.....

.....

(c) Give a reason for your answer in (b) above.

.....

.....

52. (a) Give any two reasons why it is important to wash hands before eating food.

(i) .....

(ii) .....

(b) Apart from washing hands, mention any two other activities one can do to maintain personal hygiene.

(i) .....

(ii) .....

53. (a) Name two natural resources in the environment that enable green plants to make their food.

(i) .....

(ii) .....

(b) What is the name of the process in (a) above?

.....

(c) Which gas is given off during this process?

.....

54. (a) Name any two products got from sheep.

(i) .....

(ii) .....

(b) What does **shearing** refer to in sheep rearing?

.....

.....

(c) How can a farmer control pneumonia in sheep?

.....

.....

55. (a) What force makes a pencil to reduce in length as one writes?

.....

(b) Name any one form of energy produced by the force in (a) above as one writes.

.....

.....

(c) Give any two disadvantages of the force you have named above to the writer.

(i) .....

(ii) .....

**\*\* The End. \*\***