SCIENCE IV

DIAGNOSATIC TEST

1. Choose the correct answer. Copy the letter of the correct answer.
2. Which of the following materials float in the water/
3. Big stone b. metal spoon c. empty plastic bottle d. crystal glass
4. Your mother asks you to give her medicine for fever. What are you going to do first/
5. Read the label of the medicine.
6. Get a glass of water and a medicine.
7. Get the medicine and give it right away to your mother.
8. If you are going to dispose waste materials commonly found at home, what are you going to do with the decaying materials?
9. Make a compost pit c. mix them the non-decaying materials
10. Throw them in the river d. keep them in the cabinet and use them again.
11. Which of the following describes what happens to the modeling clay when it was pressed?
12. The clay changed it size and color. C. The clay changed its volume and odor.
13. The clay changed its size and shape. D. The clay changed its volume and color.
14. Aljohn heated a bar of chocolate to make chocolate syrup. Which of the following describes what changes happened in the property of the chocolate bar when it is heated?
15. The chocolate bar changed its size and shape.
16. The chocolate bar changed its taste and odor.
17. The chocolate bar changed its texture and odor.
18. The chocolate bar changed its color and texture.
19. What might happen when flour is mixed with cold water?
20. The flour will dissolve completely in the water.
21. The flour will dissolve partially in water.
22. The flour will not dissolve in water at all.
23. The flour will not settle at the bottom of the water.
24. Which groups of animals are found on water habitat?
25. Tadpole, grasshopper, hawk
26. Dolphin, carabao, hawk
27. Horse, goat ,monkey
28. Fish, squid, crab
29. How are frogs, snakes, and grasshoppers produced from their prey?
30. They “play dead”
31. They blend color with their environment.
32. They mimic the shape, smell, and sound of their prey.
33. They secrete a poisonous substance.
34. Which of the following show/s protecting animals from habitat.
35. Destroy animals’ habitat.
36. Provide shelter to pet animals.
37. Disturb the animals’ in their habitat
38. Leave animals’ habitat as they are.
39. Maintain animals’ habitat clean.
40. I, II, III b. II, III, IV c. I, IV, V d. III, IV, V
41. Some plants possesses special structures and characteristics which they use for defense, survival,and food getting. Which of the following plants have thorns so that animals cannot easily touch and eat them?
42. Mayana and Sta. Ana c. Little Angel and Rosal
43. Kamuning and Gumamela d. Bougaionvilla and Rose
44. Which characteristics describe a shrub and make them different fron an herb?
45. Having a woody or hard stem c. having many leaves
46. Having seeds in the fruit. D. presence of flowers
47. There are different people who work with plants. What do you call to those who have knowledge of the varieties of plants used in ornamental gardening and landscaping.
48. Bryologists b. herbalists c. horticulturists d. pomologists
49. Which is the command center of the body?
50. Blood b. heart c. brain d. stomach
51. It allows you to bend your knees.
52. Muscles b. joints c. femur d. tendons
53. It allows food to be broken down into nutrients.
54. Kidneys b. stomach c. liver d. muscles
55. Which of the following is not needed by plants?
56. Soil b. water c. sunlight d. plastic
57. What is the young plant found inside the seed?
58. Cotyledon b. seed coat c. embryo d. sprout
59. How many stages of development are present in an incomplete metamorphosis?
60. Two b. one c. three d. four
61. If you are to push a cart, a box and a bicycle to a certain distance from the starting line, which will require you to exert a greater force?
62. Cart b. box c. bicycle d. all of them
63. What causes objects to move?
64. Weight b. gravity c. force d. magnets
65. If you break a magnet into pieces, what will happen to the force that will be exerted by the magnet when in use?
66. Force remains the same c. Force will be doubled
67. Force exerted will decrease d. force of each magnet will not be affected
68. How is heat transferred in solid materials?
	1. Through convection c. through conduction
	2. Through radiation d. through vacuum
69. How do sound travels through air?
	1. Very fast c. occurs moderately
	2. b. occurs very slowly d. cannot be determined
70. Which of the following statement is true?
	1. Light always travels in straight line.
	2. Sound travels faster in air than in solids.
	3. Heat transfer through liquid is known as radiation.
	4. Sound cannot travel through the air.
71. What instruments measures the speed of the wind?
	1. Barometer b. thermometer c. anemometer
72. A wind vane tells what component of weather?
	1. Wind direction b. wind speed c. wind temperature
73. The wind is blowing from east going to the west. What is its name?
	1. North wind b. East Wind c. West Wind
74. Which gives us enough heat and light in order to live?
	1. Sun b. hydro power plant c. electricity d. generator
75. In which process do plants release water from their leaves?
	1. Condensation b. Evaporation .c. Precipitation d. Transpiration
76. Which of these is not a good practice?
	1. Wearing umbrella during sunny days
	2. Looking at the sun directly.
	3. Applying sun block all over the skin.
	4. Wearing dark glasses on hot days

**Match the word in column A with its correct description in column B.**

1. Commensalism a. the kind of interaction in which both organisms benefit from each other
2. Competition b. the kind of interaction in which one organism kills smaller organism for

Food

1. Mutualism c. the interaction among organisms where one benefits while the other is

not benefited or harmed

1. Parasitism d. an interaction in which two organisms complete for survival
2. Predation e. an interaction where no organisms is affected or benefited

f.. a symbolic relationship where one organism depends on the host for food, protection, and reproduction

Draw arrows to show the water cycle.









 Underground water