DATE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 HOLY SAVIOUR (CUREPE) ANGLICAN SCHOOL

 CHRISTMAS TERM TEST

 SCIENCE

 STD. 4

This test consists of two (2) sections.

**Section 1**: Multiple Choice

30 Questions at 1 mark each =30 marks

**Section 2**: Structured questions

6 structured questions at 5 marks each= 30 marks

Answer ALL questions.

WORK CAREFULLY

Time: 75 minutes

**SECTION 1**

**MULTIPLE CHOICE**

**Answer ALL questions in this section by circling the correct answer.**

1. Sound can travel through ALL of the following EXCEPT
2. Solid
3. Liquid
4. Air
5. Vacuum
6. John’s neighbour is playing loud music while John is studying for an exam. The best action John should take is to:
7. Pelt his neighbor with stones
8. Wear an ear muff
9. Wear an earplug
10. Continue studying
11. The purpose of the auditory nerve is to
12. Collect sound
13. Amplify the sound
14. Produce electrical signals
15. Carry the electrical signals to the brain.
16. The purpose of earwax is to
17. Collect sounds.
18. Make the eardrum vibrate
19. Protect our ears from dust and germs
20. Translate electrical signals into sounds
21. Sound travels best through

a) Cloth

b) Iron

c) Water

d wood

1. Sasha and Fareesha are speaking to each other using a string telephone. They can hear each other because
2. They both have loud voices
3. They both have big ears
4. Sounds travel through the string
5. Sound travels through the cups which acts as a vacuum.
6. When we speak, the sounds are caused by our
7. Lips moving
8. Sounds being made by the lungs
9. Tongues vibrating
10. Vocal chords vibrating
11. Which of the following is the correct order in which sound travels to reach the brain?
12. We can hear Danny’s guitar because
13. of the vibrations of the strings
14. the string acts as a vacuum
15. Danny enjoys playing the guitar
16. we have on ear plugs
17. Which is the first part of our ear to vibrate?
18. Outer ear
19. Ear bones
20. Eardrum
21. Liquid in the ear
22. Animals need two ears to:

a) To tell them the directions from which sounds are coming.

b) To hear sounds behind them.

c) To make sure that they hear sounds.

d) to balance their bodies.

1. The speed of wind is measured by a
2. Thermometer
3. Wind vane
4. Wind sock
5. Anemometer
6. What type of weather is represented by the above symbol?
7. Slightly windy weather
8. Very windy weather
9. Windy weather
10. Overcast and very windy weather.
11. Clouds are made up mainly of
12. Dust particles
13. Fluffy white feathers
14. Snowflakes
15. Tiny water droplets
16. Which two weather instruments were used to get the information above?
17. Wind vane and anemometer
18. Wind vane and thermometer
19. Anemometer and thermometer
20. Rain guage and thermometer
21. Our meteorological Office is located at
22. San Fernando
23. Piarco
24. Tobago
25. Chaguanas
26. The place where organisms live is their
27. Nest
28. Tree
29. Habitat
30. Swamp
31. All of the following are wetlands EXCEPT
32. Swamp
33. Plain
34. Bog
35. Marsh
36. This wetland is dominated by grasses and sedges. It may occur inland and contains fresh water. This describes a
37. Bog
38. Marsh
39. Swamp
40. Lagoon
41. The roots of the mangrove above help in
42. aeration of tree
43. support of tree
44. all of the above
45. none of the above
46. In a wetland community, the crab most likely will feed on
47. Kingfisher
48. Snail
49. Egret
50. Caiman
51. A swamp is a wetland dominated by
52. Grasses shrubs and sedges
53. Thick layers of decayed plants
54. Frogs and snakes
55. Mangroves and shrubs
56. The weather symbol below is shown for a particular day. What would you suggest that Harry do on this day?
57. Go for a picnic
58. Fly a kite
59. Stay indoors
60. Head for the beach
61. You can tell whether it is a warm or cold day but to have an accurate measurement, you should use a

a) Wind vane

b) Rain guage

c) Barometer

d) Thermometer

Questions 25 and 26 are based on the following symbols.

1. Which symbol would you say shows a sky with the least cloud?

(a)1 ( b) 2 ( c) 3 (d)4

1. When there are dark clouds in the sky the symbol is most likely going to be:
2. (b) (c) (d)
3. Which of the following is NOT correct?
4. Wetlands provide food for animals.
5. The three main types of wetlands are the marsh, the swamp and the bog.
6. Wetlands can only be found along shorelines.
7. Wetlands are resting places for migratory birds.
8. The regions that are close to the equator are in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ zone.
9. Tropical
10. Polar
11. Temperate
12. Frigid

Question 29 is based on this weather report.

1. According to the report what will be the highest temperature on that day?
2. 6:50 am (b) 7:45 am
3. 30 C d) 21C
4. The diagram above shows a simple food chain in a wetland. What organism could possibly be missing from the food chain above?
5. Alligator
6. Frog
7. Monkey
8. human

1.

 **SECTION 2**

 **STRUCTURED ITEMS**

 SWAMP

 MARSH

 BOG

A.

1. The habitats above are examples of

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

1. use one of the words above to correctly complete the statement.

It is dominated by woody plants. When the tides are high it is filled with salty ocean water. Mangrove tress can be found here. These words describe a

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

1. Write two (2) benefits of the habitats mentioned above in the diagram.

1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2)

B. Use the organisms from the box to form a food chain. (1)

Worm

Snail

Monkey

Mangrove

Crab

2