Department of Education

Region III

Division of City Schools

West District

**GUECO BALIBAGO ELEMENTARY SCHOOL**

Angeles City

2016-2017

**FOURTH PERIODICAL TEST**

**SCIENCE 4**

Name:

Grade & Section: LRN:

Date: Teacher:

Direction: Choose the letter of the best answer and write it on the blank before each number.

1. Which of the following types of soil is grainy in texture because of its low water content?
2. Sand B. Clay C. peat D. Loam
3. Which of the following soil can be used to plant rice?
4. Sandy soil C. loam
5. Chalky soil D. peaty soil
6. Where can you find sandy soil?

I.Shorelines II.Beach III. Farm IV.Rainforest

A. I and II B.II and III C.III and IV D. I and IV

1. Which material can be made from clay soil?

I. Pot II. glass III. Blanket IV. Cloth

1. Which of the following are uses of ground water?
2. Drinking C. Washing clothes
3. Bathing D. A,B and C

\_\_\_\_\_\_6. Which of the following is true about fresh water?

1. It is salty
2. It is the habitat of aquatic animals like sharks and dolphins
3. It is the habitat of aquatic organisms like seaweeds and corals
4. It is the type of water in river and ponds

\_\_\_\_\_\_7. Which of the following is true about water?

1. It comprises 20% of the human body
2. It removes body wastes
3. It keeps the body dehydrated
4. It keeps the community dirty

8. Which of the following is true about the water in the solar system?

1. Water is abundant in all planets
2. Life is able to exist on earth because water is abundant
3. Water comprises about 10% of the earth’s surface

Life does not exist in other planets in the solar system because water is polluted there

**1**

\_\_\_\_\_\_9. Which of the following food is prepared by boiling water?

1. Pork sinigang
2. Fried chicken
3. French fries
4. Inihaw na bangus

\_\_\_\_\_\_10. How do you keep plants hydrated?

1. Water them everyday
2. Expose them to bright sunlight
3. Plant them in fertile soil
4. Keep them in dark and dry places

\_\_\_\_\_\_11. Which of the following shows that water is used for recreational purposes?

1. A thirsty boy drinks water
2. A girl swims in a swimming pool during summer
3. A man washes the dirty dishes
4. A woman cleans the car using water

\_\_\_\_\_\_12. Water goes through \_\_\_\_ different phases during the water cycle.

1. Two B. Three C. Four D. Five

\_\_\_\_\_\_13. Which process return the water absorbed by the plants back into the atmosphere?

1. Condensation C. Precipitation
2. Transpiration D. Evaporation

\_\_\_\_\_\_14. Which of the following happens during evaporation?

1. Water becomes solid C. Water leaves impurities on the ground
2. Water mixes with soil D. Water becomes part of the lithosphere

\_\_\_\_\_\_15-16 Study this Weather Report and complete the weather data in the chart below.

|  |  |
| --- | --- |
| Metro Manila | Fair weather condition all throughout the day  Temperature ranges from 30 C – 35 C |
| Baguio City | Light to moderate northeast wind  The sky will be cloudy with brief rain showers in the afternoon and evening. Temperature ranges from 20 C – 24 C |
| Bacolod City | Occasional rain shower and thunderstorm in the afternoon with moderate to strong easterly winds.  Temperature ranges from 25 C- 30 C |

Weather Elements Place/ Location

|  |  |  |  |
| --- | --- | --- | --- |
|  | Metro Manila | Baguio City | Bacolod City |
| Temperature | 30 C- 35 C | 20 C- 24 C | 15.\_\_\_\_\_\_\_\_\_\_\_\_ |
| Sky covering | 16..\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | cloudy | Dark clouds |

\_\_\_\_\_\_17. Which of the following should be applied to the skin to protect it from too much sunlight?

1. Sunscreen Lotion C. Moisturizing Lotion
2. Tanning Lotion D. Hydrating Lotion

\_\_\_\_\_\_18. Which of the following should you wear to proyect your feet from the flood?

1. Boots C. Slippers
2. Sandals D. Socks

\_\_\_\_\_\_19. Which should not be in a flooded house?

1. Electric stove C. Battery operated Radio
2. Flashlight D. Mobile Phone

\_\_\_\_\_\_20At what time of the day is the shadow the shortest?

1. 9 a.m B. 12 noon C. 6 p.m D. 3 p.m

\_\_\_\_\_\_21. What will happen when the sun does not provide warmth on earth?

**2**

1. All the water on earth will be frozen
2. All plants will flourish
3. C. All animals will reproduce quickly
4. All organisms will die

\_\_\_\_\_\_22.What is the role of the sun in Photosynthesis?

1. It provides light and energy needed by plants
2. It provides the chemical energy needed by the plants
3. It evaporates the water on the leaves of the plant
4. It melts the water on the soil beneath the plants

\_\_\_\_\_\_\_23. What is the role of the sun in the formation of a typhoon?

1. It causes the evaporation of water from oceans
2. It causes the formation of water on the leaves of the plants
3. It provides the light energy needed to form rain
4. It provides the chemical energy needed to form clouds

\_\_\_\_\_\_\_24. Which of the following is not true about the sun?

1. It drives photosynthesis
2. It provides warmth to earth.
3. It is the primary source of light.
4. It makes the earth cold and dark

\_\_\_\_\_\_\_25. The evaporation of water in the ocean by the heat of the sun makes \_\_\_\_\_\_\_\_\_\_\_\_ to happen.

1. Water cycle C. Typhoon
2. Rain D. Snow

\_\_\_\_\_\_\_26. Why is the ground water considered clean and usable?

1. Because the micro organisms filter the water
2. Because it is naturally filtered by the layer of the rocks and soil
3. Because the rain water that seeps through the soil is clean

D.Because it is cleaned by the plants that it passes through

\_\_\_\_\_\_27. The water cycle provides for the constant supply of \_\_\_\_\_\_\_\_ on earth

1. Sea water
2. Fresh water
3. Ground water
4. Rain water

\_\_\_\_\_\_\_28. Which of the following statements is true?

1. Too little rain on Earth provides more surface runoff for plants
2. Too much surface runoff prevents water pollution
3. Drought in some areas can make plants grow more harvest
4. T hea water cycle shows how nature collects and purifies water for living things.

\_\_\_\_\_\_­\_29. Which of the following measures atmospheric temperature ?

1. Thermometer C. Hygrometer
2. Barometer D. Anemometer

30-31 Study the weather chart and answer the questions below.

|  |  |  |  |
| --- | --- | --- | --- |
| Time: 2:00 PM | Metro Manila | Visayas | Mindanao |
| Temperature | 29 C | 28 C | 32 C |
| Wind Speed | moderate | moderate | light |
| Wind Direction | Northeast | Northeast | east |
| Sky Covering | cloudy | cloudy | clear |

30. What is the atmospheric temperature in Visayas?

\_\_\_\_\_\_31. What is the direction of the wind in Mindanao?

**3**

\_\_\_\_\_\_32. Misty is in her house during stormy weather. She notices that the flood water from

the road goes inside the house and is rising so fast Which of the following should Misty do?

1. Swim to move out of the house
2. Sit on a chair and relax
3. Go to a higher floor or to the roof of the house
4. Watch television to know the latest weather report

\_\_\_\_\_\_\_33. Where should you stay during windy weather?

1. Near a post
2. Inside a sturdy building
3. Under tall trees
4. Near glass windows

\_\_\_\_\_\_\_34. Tom and Troy had an outdoor activity planned for the day. However, the newscaster reported that there is a strong typhoon in the camping area. What should Tom and Troy do?

1. Postpone their outdoor activity
2. Reprimand the newscaster
3. Continue their outdoor activity
4. Go to the camping area and check if the newscaster is right

\_\_\_\_\_\_\_35. What weather instrument is used to measure the humidity or the amount of water vapor content in the atmosphere?

1. Rain Gauge B. Hygrometer C. Barometer D. Anemometer

\_-\_\_\_\_\_36. Why is there only few plants that can grow on the clay soil?

1. Because plants’ roots cannot penetrate the surface of the clay soil when it is dry.
2. Because clay soil is alkaline and plants cannot live in alkaline soil
3. Because clay soil cannot maintain enough water that most plants require.
4. Because clay soil is rocky and dry.

\_\_\_\_\_\_\_37. What will happen to a rice plant when it is not watered for days?

1. It will wilt C. It will bec0me taller
2. It will produce grains D. It will grow

\_\_\_\_\_\_-38. Which of the following is true about the sun and the atmosphere ?

1. The sun heats the sun evenly
2. The sun heats the atmosphere differently.
3. The sun does not heat the atmosphere
4. The sun is heated by the atmosphere

\_\_\_\_\_\_\_39. Ed is standing on a sunny place for the whole day. What will happen to his shadows when the sun sets?

A.His shadow becomes longer.

B. His shadow becomes shorter

C. His shadow becomes part of his body

D. His shadow becomes half of his size.

\_\_\_\_\_\_\_40. The position of the sun as earth rotates and revolves around it causes \_\_\_\_\_\_\_\_\_\_

A . Day and night C. Water Cycle

1. Rain . D. Weather

GOD IS WATCHING, GIVE HIM A GOOD SHOW

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**S.Y. 2016-2017**

**THIRD QUARTERLY TEST**

**SCIENCE 4**

**ANSWERS KEY**

1. **A**
2. **C**
3. **A**
4. **I**
5. **D**
6. **D**
7. **B**
8. **B**
9. **A**
10. **A**
11. **B**
12. **C**
13. **B**
14. **C**
15. **25 C- 30 C**
16. **Cumulus Clouds**
17. **A**
18. **A**
19. **A**
20. **B**
21. **D**
22. **A**
23. **A**
24. **D**
25. **A**
26. **B**
27. **B**
28. **A**
29. **A**
30. **28 C**
31. **East**
32. **C**
33. **B**
34. **A**
35. **B**
36. **A**
37. **A**
38. **B**
39. **A**
40. **A**

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**FOURTH PERIODICAL TEST**

**SCIENCE 4**

**TABLE OF SPECIFICATIONS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **OBJECTIVES** | **No.of days taught** | **Weight** | **No. of items** | **LEVEL OF DIFFICULTY** | | |
| **Easy**  60% | **Average**  30% | **Difficult**  10% |
| 1. Compare and contrast the characteristics of different types of soil.  2. Explain the use of water from different sources in the context of daily activities.  3. Infer the importance of water in daily activities.  4. Describe the importance of the water cycle.  5. Tell the uses of weather instruments in measuring the different weather components.  .  6. Make simple interpretations about the weather chart.  7. Identify safety precautions during different weather conditions.  8. Describe the changes in the position and length of shadows in the surroundings as the position of the sun changes.  9. Explain the role of the sun in the water cycle  10. Tell the effects of the sun on all living things | 6  3  6  6  2  5  6  2  6  3 | .13  .07  .13  .13  .04  .11  .13  .04  .13  .07 | 5.2  2.8  5.2  5.2  1.6  4.4  5.2  1.6  5.2  2.8 | 4  (1-4)  3  (5-7)  4  (8-11)  3  (12-14)  2  (15-16)  3  (17-19)  1  (20)  3  (22-24)  1  (21) | 1  (26)    2  (27-28)    2  (29,35)  2  (30-31)    3  (32-34)  1  25    1  (36) | 1  (37)    1  (39)  1  38  1  (40) |
| TOTAL | 45 | 100 | 40 | **24** | **12** | **4** |