



Fourth Periodical Test in Science and Health 5

Name: _____ Date: _____

Grade and Section : _____ Teacher: _____

Write the letter of the correct answer on the space provided.

- _____ 1. Plant serves as agents of weathering. Which of the following statements support this idea.
 - A. Branches of plants cause the rocks to break when blown by the winds.
 - B. Decaying trunks of plants cause the rocks to break
 - C. Falling of leaves cause rocks to break.
 - D. Root of plants that grow in rocks and cause them to break
- _____ 2. The process involved in the breaking of rock boulders into pieces
 - A. deposition
 - C. sedimentation
 - B. erosion
 - d. weathering
- _____ 3. Which of the following occurs when acidic water caused the rocks to break producing clay and soluble salts?
 - A. Carbonation
 - C. Hydrolysis
 - B. Erosion
 - D. Oxidation
- _____ 4. The following human activities are caused of physical weathering, EXCEPT.
 - A. Boating and fishing
 - C. Mining ores
 - B. Building roads and tunnels
 - D. Acidic water in the river
- _____ 5. What physical characteristic of rock refers to the color of its powdery materials?
 - A. hardness
 - C. malleability
 - B. luster
 - D. streak
- _____ 6. Your teacher asked you to use a hand lens to observe the rock samples. You noticed that some rocks have coarse grains while others have fine grains in them. This shows that rocks differ in _____.
 - A. Color
 - C. Shape
 - B. Size
 - D. Texture
- _____ 7. Why do sedimentary rocks are important to geologist and archeologist?
 - A. It serves as collections.
 - B. It serves as decoration
 - C. They used it to make a jewel
 - D. They used it to study the structure of things that existed in the past.
- _____ 8. Which of the following would not use rocks and minerals?
 - A. Building
 - C. Electrical device
 - B. ceramics
 - D. Jewelry
- _____ 9. Which causes the limestone formation that make Palawan a popular tourist destination?
 - A. Eruption
 - C. water
 - B. Glaciers
 - D. Win
- _____ 10. Marble is often used for statues or grand buildings because
 - A. It has attractive textures and colors.
 - C. It wears away easily.
 - B. It splits easily into thin sheets.
 - D. All of the above
- _____ 11. They cause weathering by scratching on the rock's surface as they walk or run around.
 - A. animals
 - C. electrical device
 - B. ceramics
 - D. jewelry

- ____ 12. Which of the following shows that soil erosion is caused by wind?
 A. Ashes and dust near Mt. Pinatubo C. Pile of soil in the river
 B. Muddy water in the field D. Sandstorm
- ____ 13. All of these are causes of soil erosion except one.
 A. Fire C. Water
 B. Human and animal activities D. Wind
- ____ 14. Which is the most effective agent of erosion?
 A. glaciers C. water
 B. gravity D. wind
- ____ 15. The process that moves sediments
 A. Erosion C. Dissolution
 B. Fracture D. Weathering
- ____ 16. Landslides on mountain slopes show the force of _____.
 A. Gravity C. Running water
 B. Runoff D. Wind
- ____ 17. What makes the water muddy after a heavy rain?
 A. The fine dust particles dissolved in water.
 B. The gravel and sand carried by the water
 C. The pebbles moved along with water.
 D. The rainwater turned brown in color.
- ____ 18. Which of the following factors can affect soil erosion?
 I. amount of vegetation in the area
 II. speed and amount of running water
 III. dryness and size of soil particles
 IV. Slope of the land
 A. I and II only B. III and IV C. I, II and IV only D. I, II, III and IV
- ____ 19. How can trees help prevent erosion?
 A. The roots absorb the water at once .
 B. The roots hold the soil firmly together.
 C. The roots secrete acid, attacking the rocks.
 D. The trees block the way of running water.
- ____ 20. The following statements tell about preparations before typhoon, EXCEPT.
 A. Check the house for possible damage
 B. Listen or watch storm advisories
 C. Prepare flashlight and batteries
 D. Store food for the family
- ____ 21. Strong winds of 60-100 kph is expected within 24 hours and classes in the elementary and secondary levels are suspended. It describes _____.
 A. Signal No. 1 B. Signal No. 2 C. Signal No. 3 D. Signal No. 4
- ____ 22. If Storm Signal No. 4 is raised, the speed of the wind is at least:
 A. 85 kph B. 100 kph C. 120 kph D. 186 kph
- ____ 23. Which statement is true about weather conditions?
 A. Weather conditions do not change.
 B. Weather conditions change from time to time.
 C. Weather conditions are the same for one week.
 D. Weather conditions are the same throughout the day.
- ____ 24. What is the weather condition in the eye of a typhoon?
 A. fair B. cloudy C. rainy D. windy
- ____ 25. Which public storm warning signal is characterized by winds of greater than 100-185 kph?
 A. 1 B. 2 C. 3 D. 4
- ____ 26. It is the abnormal rising of water level resulting from a typhoon.

- A. high tide B. storm surge C. tornado D. tsunami
- ____ 27. Which best describes a storm surge?
- It is the expansion of the hurricane's characterized eye.
 - It is an onshore rush of water associated with a low-pressure weather system.
 - It is a sudden and rapid increase of the intensity of a storm.
 - It is the breaking water sheds along the coastal area.
- ____ 28. Which is the only positive outcome of typhoons?
- It remove pollutants from the air
 - It removes trash from rivers.
 - It cause flooding.
 - It fill up dams and replenish water supply
- ____ 29. What should you do during a typhoon?
- Seek shelter in a basement or low ground.
 - Stay at home and be updated about the typhoon.
 - Seek high ground due to flooding.
 - Play outside for it is raining.
- ____ 30. Which of the following is the effect of very strong winds of public storm signal #4 to transportation system?
- It is unsafe to travel both in air and in sea.
 - Travel by sea is allowed but not in air
 - Travel by air is allowed but not in sea
 - The eye of the typhoon is over the town
- ____ 31. Which can be greatly damaged by typhoons?
- agricultural lands
 - fish farms
 - forests
 - all of the above
- ____ 32. Which of the following is the best thing to do before a typhoon.
- Do not attempt to cross a flooded area
 - Do not attempt to use home appliances that were wet by the rain or flood.
 - Stay in a safe place at home
 - Transfer or keep all home appliances to dry and safer place
- ____ 33. Before a typhoon comes what kind of foods should we store?
- Canned good and liquor
 - Fresh meat, vegetable and fruits
 - Foods that are easy to prepare.
 - Foods that do not need cooking.
- ____ 34. Why are weather bulletin posted and warnings issued by PAGASA?
- to give people time to party
 - to give people to go and a movie
 - to give people time to prepare
 - to give people time for swimming
- ____ 35. Typhoon signals are raised due to _____
- The speed of the wind
 - strength and speed of the wind
 - strength of the wind
 - none of these
- ____ 36. When classes in all levels are suspended and work in government offices are likewise suspended, typhoon signals is raised to _____.
- Signal No. 1
 - Signal No. 2
 - Signal No. 3
 - Signal No. 4
- ____ 37. PAGASA has just raised typhoon signal number three in Metro Manila and neighboring Northern Luzon provinces. What does this mean?
- Winds up to 60 kph may be expected in the locality
 - Winds from 60 – 100 kph may be expected within the next 24 hours
 - Winds with a speed of 100 – 185 kph are expected in the area in at least 18 hours
 - Winds with a speed greater than 185kph are expected to hit the area in at least 12 hours

_____38. If the storm warning signal is number 3, which of the following is the impact of the wind?

- A. Very heavy to widespread damage
B. Heavy to very heavy damage
C. Moderate to heavy damage
D. Light to moderate damage

_____39. Why is the moon considered a satellite of Earth?

- A. It affects the tides on Earth.
B. It keeps Earth on its orbit.
C. It orbits Earth.
D. It pulls Earth toward it.

40. Where does the moon get its light?

- A. Earth
B. produces light on its own
C. stars
D. sun

____41.How long does it take the moon to complete its orbit around the earth?

- A. one day B. one month C. one week D. one year

42. When Earth is between the moon and the sun, the moon's phase is most likely a

- A. full moon B half moon C. quarter moon D. new moon.

43. Which shows the correct sequence of the moon phases?

- A. gibbous moon-crescent moon-new moon-full moon, half moon
B. new moon-crescent moon-half moon-quarter moon-full moon
C. new moon-full moon-half moon, gibbous moon-crescent moon
D. new moon-gibbous moon-full moon-crescent moon, half moon

44. Which period describes when the moon appears to be decreasing in size?

- A. lunar eclipse waning moon
B. waning moon
C. waxing moon
D. none of these

45. Why does the moon have different phases?

- A.It follows the sun.
B.It moves around the earth
C.It moves around the sun
D.Its surface experience seasons

46. Which statement is true about stars?

- A. Big Dipper and little Dipper are examples of constellations.
B. Constellations help navigators whenever they are lost in the sea.
C. Orion consists of five stars that seem to form letter W.
D. Stars do not move.

47. The nearest star to the Earth is

- A. Andromeda
B. Orion
C. Polaris
D. Sun

_____48. The color of the star is related to its _____

- A. Energy
B. shape and size
C. size and temperature
D. Size

49.What is the Latin name given to the constellation of twins?

- Aries B. Gemini C. Libra D. Scorpio

50. What is the largest constellation?

- A. Andromeda
B. Cygnus
C. Orion
D. The Crux



TABLE OF SPECIFICATIONS FOR SCIENCE AND HEALTH 5 FOURTH QUARTER

Objectives	No. of Days Taught	No. of Items	Percent	Item Placement
1. Identify the agents of weathering.	2	4	8	'1-4
2. Identify the different characteristics of rocks	1	2	4	5-6
3. Tell the importance of rocks in the environment.	4	4	8	7-10
4. Identify the agents of soil erosion and tell how it affects the condition of the soil and environment.	5	5	10	11-15
5. Investigate extent of soil erosion in the community and its effects on living things and environment	3	3	6	16-18
6. Identify ways on how to prevent soil erosion	1	1	2	19
7. Observe the changes in the weather before, during and after a typhoon.	5	6	12	20-25
8. Describe the effects of typhoon in the community.	5	6	12	26-31
9. Practice precautionary measures before, during and after a typhoon	1	3	6	32-34
10. Describe the effects of the winds, given a certain storm warning signal.	3	4	8	35-38
11. Describe the characteristic of the moon and how does it gets its light.	6	7	14	39-45
12. Identify star patterns and its characteristics that can be seen at a particular times of the year.	4	5	10	46-50
Total	40	50	100	50

Recommending Approval:

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ARCE V. ONGTECO
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Approved:

SAMMY M. EMPLEO

OIC -JZMES
KEY TO CORRECTIONS –4TH GRADING SCIENCE

1. D	
2. D	31.A
3. C	32.D
4. D	33.D/C
5. D	34.C
6. D	35.B
7. D	36.C
8. D	37.C
9. C	38.B
10.A	39.C
11.A	40.A
12.D	41.B
13.A	42.B
14.D	43.B
15.B	44.B
16.B	45.B
17.A	46.B
18.D	47.D
19.B	48.C
20.A	49.B
21.B	50.A
22.D	
23.B	
24.A	
25.C	
26.B	
27.B	
28.A	
29.B	
30.A	

Kindly re-check n lang po mga maam and sir...

