

D. All of the above

- _____ 13. Which of these variables refer to the things, materials or conditions that remain constant or the same in the experiment?
A. Manipulated variable B. Responding variable C. Constant variable D. Experimental variable
- _____ 14. Which of these variables are varied or changed in the experiment
A. Manipulated variable B. Responding variable C. Constant variable D. Experimental variable
- _____ 15. A wind vane tells what component of the weather?
A. Wind direction B. wind speed C. wind temperature
- _____ 16. What instrument measures the speed of the wind?
A. Barometer B. thermometer C. anemometer
- _____ 17. When the wind is blowing gently, what weather do we have?
A. Fine B. stormy C. rainy
- _____ 18. During a stormy weather, how does an anemometer spin its cups?
A. Very slow B. moderately slow C. very fast
- _____ 19. A wind is blowing from the east going to the west. What is its name?
A. North wind B. East wind C. West wind
- _____ 20. Which of these tells there is as approaching storm?
A. Dark clouds and cold air B. gentle wind and rain showers
C. strong winds and heavy rains
- _____ 21. How does air temperature affect the weather condition?
A. High temperature makes the weather warm.
B. Low temperature makes the weather hot.
C. Low temperature indicates fair weather.
- _____ 22. How can weather forecasts help you?
A. They help me decide what to do and what games to play.
B. They help me plan what food to buy.
C. A and b
- _____ 23. Which is true about weather?
A. Weather remains the same in same places.
B. It changes from day to day in any places.
C. It is always the same in hot countries.
- _____ 24. Which of these situations show storm signal.2?
A. Classes in preschool levels in all public and private schools in affected communities are automatically suspended.
B. Classes in preschool, elementary and high school levels in all public and private schools in the affected areas are automatically suspended
C. Classes in all levels are automatically suspended in affected communities
- _____ 25. The air temperature drops to 18° Celcius. What should you wear?
A. Thick clothes B. thin clothes C. new clothes
- _____ 26. Mang Jose prepared his fishing net. He observed dark clouds in the sky and the sky is overcast. What is the best thing that he should do?
A. Keep the nets and do not go on fishing.
B. Hurry and go on fishing.
C. Call other fishermen to go on fishing.
- _____ 27. You are sweeping the dried leaves in the backyard. You have noticed that the wind is blowing hard. Will you burn the dried leaves? Why or why not?
A. I will burn the dried leaves so that the backyard will be clean.
B. I will not burn the dried leaves because it may cause a big fire.
C. None of these.
- _____ 28. Which gives us enough heat and light in order to live?
A. Sun B. hydro power plant C. electricity
- _____ 29. What is the effect of sun's heat and light to the environment?

- A. It causes the changes in temperature
 B. It helps the plants in making their food.
 C. All of the above.
- _____ 30. Without the sun, what would most likely happen to the earth?
 A. The earth will be dark and cold B. the earth will be lifeless C. Both A and B
- _____ 31. Why do farmers use their wide-brim hats when they are working in the farm?
 A. To protect them from strong winds B. To protect them from head injuries.
 C. To protect them from the intense heat and light of the sun
- _____ 32. In which process do plants release water from their leaves?
 A. Condensation B. Evaporation C. Transpiration
- _____ 33. When does evaporation take place?
 A. When water is cooled B. when water is heated C. When water is frozen.
- _____ 34. Is water cycle possible when the sun is blocked? Why?
 A. No, because evaporation process is lacking.
 B. Yes, because condensation process is continuous.
 C. Yes, because electricity can heat the water
- _____ 35. At which time of the day can you have the shortest shadow?
 A. 9:00 a.m. B. 10:00 a.m. C. 12:00 noon
- _____ 36. The sun is shining brightly. The wind is calm and it is warm outside. What do you think is the
 Air temperature?
 A. The temperature is normal. B. the temperature is low. C. The temperature is high.
- _____ 37. Nanette forgot to bring her plants outside for a week. What would likely happen to the plants?
 A. The plants grow robustly.
 B. The plants have yellowish leaves.
 C. The plants have bigger roots.
- _____ 38. Why do we need to drink plenty of water on very hot days?
 A. To make our skin healthier.
 B. To increase our body temperature.
 C. To replace the water loss from our body.
- _____ 39. What is the role of the sun in the water cycle?
 A. Sun's heat causes evaporation.
 B. Sun's heat causes tidal waves.
 C. Sun's heat produces more water.
- _____ 40. Crizta will be joining her friends in swimming on Sunday. What must she do to avoid sunburn?
 A. Apply coconut oil. B. apply lemon jelly C. Apply sunblock lotion

TABLE OF SPECIFICATIONS IN SCIENCE IV FOURTH PERIODICAL TEST

OBJECTIVES	NO, OF ITEMS	ITEM PLACEMENT	CODE
1. Define what is soil	1	1	S4ES-IVA-1
2. Compare and contrast the characteristics of different types of soil	11	2,3,4,5,6,7, 8,9,10,11,12	S4ES-IVA-1
3. Identify factors that affect the growth of plants	3	13,14	S4ES-IVA-1

4. Use the weather instruments to measure the different weather components	4	15,16,17,18	S43W-IVe-5
5. Make simple interpretations about the weather as recorded in the weather chart	5	19,20,21,22,23	S4 ES-IVf-7
6. Identify safety precautions during weather conditions	4	24,25,26, 27	S4ES-IVg-8
7. Describe the changes in the position and length of shadows in the surroundings as the position of the Sun changes	1	35	S43S-IVh-9
8. Describe the role of the sun in water cycle	4	32, 33,34, 39	S43S-IVi-10
9. Describe the effects of the sun	8	28,29,30,31, 36,37,38,40	S4ES-IVj-11
TOTAL	40	40	

Key Answers 4TH GRADING SCIENCE IV:

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