



Republic of the Philippines  
**Department of Education**  
Region 02  
SCHOOLS DIVISION OF ISABELA  
Reina Mercedes District  
**TUROD INTEGRATED SCHOOL**

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School ID: 500076



**Fourth Periodical Examination**  
**SCIENCE IV**

NAME: \_\_\_\_\_  
GRADE/SECTION: \_\_\_\_\_

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

**Direction: Read each questions carefully. Shade the letter of the correct answer.**

- A B C D 1. Which of the following types of soil is grainy in texture because of its low water content?  
A. sand                      B. Clay                      C. Peat                      D. loam
- A B C D 2. Which of the following soil can be used to plant rice?  
A. sandy soil              B. Chalky soil              C. Loam soil              D. peaty soil
- A B C D 3. Why is there only few plants that can grow on clay soil?  
A. Because clay soil is rocky and dry.  
B. Because clay soil is alkaline and plants cannot live in alkaline soil.  
C. Because clay soil cannot maintain enough water that most plant requires.  
D. Because plants' roots cannot penetrate the surface of the clay soil when it is dry.
- A B C D 4. 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
- A B C D 5. Which materials can be made from clay soil?  
I. pots              II. Jars              III. Blankets              IV. Clothes  
A. pots, clothes      B. Jars, blankets      C. Pots, jars      D. blankets, clothes
- A B C D 6. What are the uses of ground water? \_\_\_\_\_
- A B C D 7. Which of the following is true about freshwater?  
A. It is salty.  
B. It is the habitat of aquatic animals like sharks and dolphins.  
C. It is the habitat of aquatic organisms like seaweeds and corals.  
D. It is the type of water in river and ponds.
- A B C D 8. Which of the following is true about water?  
A. It removes body wastes                      C. It keeps the body dehydrated.  
B. It keeps the community dirty                      D. It comprises 20% of the human body.
- A B C D 9. What foods are prepared by boiling water? \_\_\_\_\_
- A B C D 10. Why do plants need water?  
A. They excrete water.                      C. They use water to make food.  
B. They breathe in water.                      D. They use water to keep them clean.
- A B C D 11. How do you keep plants hydrated?  
A. Water them every day.                      C. Plant them in fertile soil.  
B. Expose them to bright sunlight                      D. Keep them in dark and dry places.
- A B C D 12. Which of the following shows water used for recreational purposes?

- A. A thirsty boy drinks water. C. A woman cleans the car using water.  
 B. A man washes the dirty dishes. D. A girl swims in a swimming pool during summer
- (A)(B)(C)(D) 13. Which of the following is not true about the sun?  
 A. It drives photosynthesis. C. It is the primary source of light.  
 B. It provides warmth to earth. D. It makes the earth cold and dark.
14. What will happen to a rice plant when it is not watered for days? \_\_\_\_\_
- (A)(B)(C)(D) 15. Water goes through \_\_\_\_\_ different phases during the water cycle.  
 A. Two B. Three C. Four D. five
- (A)(B)(C)(D) 16. Which of the following happens during evaporation?  
 A. Water becomes solid. C. Water leaves impurities on the ground  
 B. Water mixes with soil. D. Water becomes part of the lithosphere.
- (A)(B)(C)(D) 17. Why is the ground water considered clean and usable?  
 A. Because the microorganisms filter the water.  
 B. Because it is cleaned by the plants that it passes through  
 C. Because the rain water that seeps through the soil is clean.  
 D. Because it is naturally filtered by the layer of rocks and soil.
- (A)(B)(C)(D) 18. Which of the following measures atmospheric temperature?  
 A. thermometer B. Hygrometer C. Barometer D. anemometer
- (A)(B)(C)(D) 19. Which of the following is true about the barometer?  
 B. It measures wind velocity. C. It indicates whether the air is humid or dry.  
 A. It measures atmospheric pressure D. It indicates whether the air pressure is high or low.
- (A)(B)(C)(D) 20. What process can return the water absorbed by the plants back into the atmosphere?  
 \_\_\_\_\_

**21-23. Study this Weather Report and complete the weather data in a 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.		
Bacolod City	The sky will be cloudy with brief rain showers in the afternoon or evening. Temperature ranges from 20°C - 24°C. 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	23. _____
Sky Covering	21. _____	22. _____	dark clouds

**24-25. Study the weather chart and answer the questions that follow.**

Time: 3:00 P.M.	Metro Manila	Visayas	Mindanao
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Temperature	29°C	28°C	32°C
Wind Speed	moderate	Moderate	light
Wind Direction	northeast	Northeast	east
Sky Covering	cloudy	Cloudy	Clear

24. What is the atmospheric temperature in Visayas? \_\_\_\_\_
25. What is the direction of the wind in Mindanao? \_\_\_\_\_
26. Which of the following should be applied to the skin to protect it from too much sunlight?  
 A. sunscreen lotion    B. tanning lotion    C. Moisturizing lotion    D. hydrating lotion
27. Which of the following should you wear to protect your feet from the flood?  
 A. boots    B. Sandals    C. Slippers    D. socks
28. Which of the following should **not** be used in a flooded house?  
 A. electrical stove    B. Flash light    C. Battery-operated radio    D. mobile phone
29. Misty is in her house during a stormy weather. She notices that the flood water from the road goes inside the house and is rising very fast. Which of the following should Misty do?  
 A. Sit on a chair and relax.  
 B. Swim to move out of the house.  
 C. Go to a higher floor or on the roof of the house.  
 D. Watch television to know the latest weather report.
30. Where should you stay during a windy weather?  
 A. near a post    B. Inside a sturdy building    C. Under tall trees    D. near glass windows
31. What should **not** be used in a flooded house? \_\_\_\_\_
32. Tom and Troy have an outdoor activity planned for the day. However, the newscaster reported that there is a strong typhoon in their camping area. What should Tom and Troy do?  
 A. Reprimand the newscaster.  
 B. Continue their outdoor activity.  
 C. Postpone their outdoor activity.  
 D. Go to the camping area and check if the newscaster is right.
33. At what time of the day is the shadow the shortest?  
 A. 3 p.m.    B. 6 p.m.    C. 9 a.m.    D. 12 noon
34. Ed is standing on a sunny place for the whole day. What will happen to his shadows when the sunsets?  
 A. His shadow becomes longer.    C. His shadow becomes half his size.  
 B. His shadow becomes shorter.    D. His shadow becomes part of his body.
35. Which of the following is formed by water vapor that evaporated into the atmosphere?  
 A. cloud    B. Star    C. Sun    D. moon
36. Which of the following is true about the sun and the atmosphere?

- A. The sun heats the atmosphere evenly.      C. The sun does not heat the atmosphere.  
B. The sun is heated by the atmosphere.      D. The sun heats the atmosphere differently.

- Ⓐ Ⓑ Ⓒ Ⓓ 37. What is the role of the sun in photosynthesis?  
A. It provides light energy needed by plants.  
B. It melts the water on the soil beneath the plants.  
C. It evaporates the water on the leaves of the plant.  
D. It provides the chemical energy needed by the plants.
- Ⓐ Ⓑ Ⓒ Ⓓ 38. What is the role of the sun in the formation of a typhoon?  
A. It provide the light energy needed to form rain.  
B. It causes the evaporation of water from oceans.  
C. It provides the chemical energy needed to form clouds.  
D. It causes the formation of water on the leaves of the plants.
- Ⓐ Ⓑ Ⓒ Ⓓ 39. What will happen when the sun does not provide warmth on earth?  
A. All organisms will die      C. All the water will be frozen.  
B. All the plants will flourish.      D. All animals will reproduce quickly
- Ⓐ Ⓑ Ⓒ Ⓓ 40. Which of the following is **not** true about the sun?  
A. It drives photosynthesis.      C. It is the primary source of light.  
B. It provides warmth to earth.      D. It makes the earth cold and dark.

Prepared by:

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**TABLE OF SPECIFICATION IN SCIENCE IV**  
 Fourth Periodical Examination  
 SY

Learning Competency	No. of Days Taught	%	Items Placement	DOMAINS					
				R	U	A	A	E	C
1. Compare and contrast the characteristics of different types of soil. <b>S4ES – IVa – 1</b>	9	15	1,2,3 4, 5, 6	2 (4, 6)	1 (3)		3 (1, 2, 5)		
2. Explain the use of water from different sources in the context of daily activities. <b>S4ES – IVb – 2</b>	5	8	7,8,9	1 (9)			2 (7, 8)		
3. Infer the importance of water in daily activities. <b>S4ES – IVc – 3</b>	7	12	10,11,12 13, 14	1 (14)	1 (10)	1 (11)	2 (12, 13)		
4. Describe the importance of water cycle. <b>S4ES – IVd – 4</b>	9	15	15,16,17 18, 19, 20	1 (15)	2 (17, 20)		3 (16, 18, 19)		
5. Tell the uses of weather instruments in measuring the different weather components. <b>S4ES – IVe – 5</b>	5	8	21, 22,23						3 (21, 22, 23)
6. Make simple interpretations about the weather chart. <b>S4ES – IVf – 7</b>	3	5	24,25	2 (24, 25)					
7. Identify safety precautions during different weather conditions. <b>S4ES – IVg – 8</b>	9	15	26,27, 28, 29, 30,31		4 (26, 27, 28, 29)	1 (30)	1 (31)		
8. Describe the changes in the positions and length of shadows in the surroundings as the position of the sun changes. <b>S4ES – IVh – 9</b>	3	5	32,33	1 (33)				1 (32)	
9. Explain the role of the sun in the water cycle. <b>S4ES – IVi – 10</b>	6	10	34,35,36,37	1 (34)	1 (35)	1 (37)	1 (36)		
10. Tell the effects of the sun on all living things. <b>S4ES – IVj – 11</b>	4	7	38,39,40			1 (38)	1 (40)	1 (39)	

TOTAL	60	100%	40	9	9	4	13	2	3
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