


FIRST PERIODICAL TEST IN SCIENCE V

Name: _____ Grade/Section: _____

Directions: Read and understand each sentence then ring the letter of your answer.

1. What is matter?
 - a. Everything around us.
 - b. Anything that has mass.
 - c. Anything that has mass and volume.
 - d. Anything that has volume.
2. An example of a gas is:
 - a. a rock
 - b. milk
 - c. a pencil
 - d. carbon dioxide (CO₂)
3. Which of the following is NOT a state of matter?
 - a. solid
 - b. gas
 - c. liquid
 - d. mass
4. Mother was cooking spaghetti last night. The water got so hot that steam floated up from the pan. Steam is an example of a _____.
 - a. gas
 - b. solid
 - c. food
 - d. liquid
5. Which TWO properties best describe the eggs?
 - a. soft
 - b. smooth
 - c. bendable
 - d. breakable
6. Which human activity causes the most harmful change in the natural environment?
 - a. Riding a bicycle.
 - b. Swimming in the beach.
 - c. Using a solar energy.
 - d. Cutting down trees in the forest.
7. Which action will result in a product with a new set of properties?
 - a. Cutting wood
 - b. Breaking mirror
 - c. Making popcorn
 - d. Shredding news paper
8. Which actively will greatly contribute to climate change?
 - a. Planting trees
 - b. Conserving energy
 - c. Burning of trash
 - d. Recycling materials
9. Which is *not* an effect of acid rain?
 - a. It dissolves the minerals found in leaves of plants and trees.
 - b. It washes away the nutrients from the soil.
 - c. It cleans building and factories.
 - d. It kills fishes and aquatic plants.
10. A natural way of destroying the ozone layer of the atmosphere due to chlorofluorocarbons .
 - a. Acid rain
 - b. Global warming
 - c. Depletion of the ozone layer
 - d. Pollution
11. This is the condition of air that is contaminated brought by smoke and fumes emitted by vehicles, power plants and factories.
 - a. Water pollution
 - b. Land pollution
 - c. Pollution
 - d. Air pollution
12. A pupil reaches one hand into a bag filled with smooth objects. The pupil feels the objects but does not look into the bag. Which property of the objects can the pupil most likely identify?
 - a. ability to conduct electricity
 - b. ability to reflect light
 - c. color
 - d. shape
13. A pupil has a ball of clay that sinks when placed in a pan of water. Which property should he or she change to make the clay float?
 - a. color
 - b. shape
 - c. mass
 - d. texture
14. Property of matter that is defined as the ability to shine by reflecting light.
 - a. luster
 - b. color
 - c. malleability
 - d. solubility
15. Which is an example of physical change?
 - a. freezes to ice
 - b. Wood turns to alcohol
 - c. Naphthalene balls turn to vapour
 - d. Both a and b
16. It is the change of matter in form only not in composition
 - a. Physical change
 - b. Environmental change
 - c. Chemical change
 - d. None of the above
17. Physical change happens when materials undergo a change in ...

- a. size
 - b. shape
 - c. phase
 - d. all of them
18. Burning a match is an example of a _____.
- a. chemical change
 - b. physical change
 - c. physical property
 - d. chemical property
19. What happens as liquid water becomes ice?
- a. It does not change states.
 - b. It changes from a liquid to a solid.
 - c. It changes from a solid to a gas.
 - d. It changes from a gas to a solid.
20. An example of a chemical change is
- a. an old car rusting
 - b. cutting a piece of paper
 - c. throwing a rock
 - d. crushing a can
21. Which statement is true about physical change?
- a. It does not change a material's composition.
 - b. It does not change a material's size and shape.
 - c. It does not involve the physical properties of matter.
 - d. It does not involve matter
22. Which is a physical change?
- a. Burning toast
 - b. Fireworks exploding
 - c. Rusting bicycle
 - d. Freezing chocolate-covered strawberries
23. Which is true about chemical change?
- a. It is reversible.
 - b. It produces new materials.
 - c. It changes only a material's color and odor.
 - d. It does not change a material's size and shape.
24. Which shows a chemical change?
- a. Burning candle
 - b. Chewing a piece of bread
 - c. Burning a piece of paper
 - d. Melting a piece of chocolate
25. Which process involves a physical change?
- a. Frying an egg
 - b. Photosynthesis
 - c. Digestion
 - d. Water cycle
26. Water is boiled in a pan on stove. What change will take place?
- a. Water will turn into gas.
 - b. Water will turn into plasma.
 - c. Water will turn into solid.
 - d. Nothing will happen to the water.
27. An example of a physical change.
- a. Foam and bubbles form after mixing baking soda and vinegar.
 - b. A glass cup falls from the counter and shatters on the ground.
 - c. Paper burns up and leaves ashes.
 - d. A plant uses sunlight and makes food.
28. Consumers are encouraged to reduce their waste by _____.
- a. Purchasing in bulk
 - b. Buying items with less packaging
 - c. Switching to re-useable
 - d. All of the above
29. This means to make less garbage. For example, instead of buying juice boxes for lunch, buy a large container of juice and use a washable single serving container to take it to school.
- a. Reduce
 - b. Reuse
 - c. Recycle
 - d. Rebuild
30. Which of the following shows the correct hierarchy?
- a. Recycle, Reduce, Reuse
 - b. Reduce, Reuse, Recycle
 - c. Reuse, Recycle, Reduce
 - d. Refuse, Refuge, Rufus
31. Reuse of stuff would _____.
- a. Minimize the strain on the environment.
 - b. Help municipal waste management.
 - c. Both a and b option.
 - d. Be difficult and time consuming
32. Which of the following is a recyclable material?
- a. Aluminum
 - b. Cardboard
 - c. Glass
 - d. All of the above
33. Serena has grown older, so her mother decided to donate her used clothes to the victims of the typhoon in Samar. What waste management did Serena's mother apply?
- a. Reuse
 - b. Reduce
 - c. Repair
 - d. Recycle

34. Which of the following shows the proper way to recycle.
- Scrap papers from the classroom might be turned into paper bags.
 - Buy items in refillable containers.
 - Use cloth bags or baskets when you buy groceries/market.
 - Use both sides of paper in printing.
35. Plastic is commonly used as soft drinks container, what material can you use as a substitute for plastic?
- empty cans
 - empty bottles
 - used cups
 - folded papers
36. In his class, Mr. Ibarra told his pupils to reuse papers instead of throwing it in the bin. How will they do it?
- Make an origami.
 - Use it as scrap paper in math.
 - Give to your classmate.
 - Never mind the advice of the teacher.
37. Some materials are normally useful even after serving its original purpose. What will you do to an empty canister at home?
- Place it inside the cabinet.
 - Use it as a lunch box.
 - Burn it.
 - Make a trash bin out of it.
38. You have a lot of small dresses in your cabinet. You have noticed that your playmate used old clothings. Is it right to share the clothes that you are not using?
- Yes, because he is my friend.
 - Yes, instead of storing the dress, it will be a useful one.
 - No, it is a gift from my parents.
 - No, I will burn it.
39. The following materials can be reused, EXCEPT.
- woods
 - paper
 - aluminium cans
 - paint brush
40. Avoiding to buy disposable items such as plastic cups and plates is to _____.
- reuse
 - reduce
 - recycle
 - repair
41. To Turn an item into another useful item is to _____.
- recycle
 - repair
 - reduce
 - reuse
42. Tenten is collecting used empty plastic bottles for his Science project. He plans to make a star out of these bottles. Tenten is trying to _____ materials.
- repair
 - reduce
 - recycle
 - reuse
43. Which is not a recyclable material?
- old newspapers
 - used clothes
 - disposable cups
 - sachet of coffee
44. Which trash bin will you put a broken glass?

a.

b.

c.

d.

RECOVER

REPAIR

RECYCLE

REDUCE

45. Which is not made from a recyclable material?



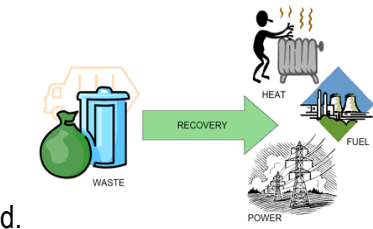
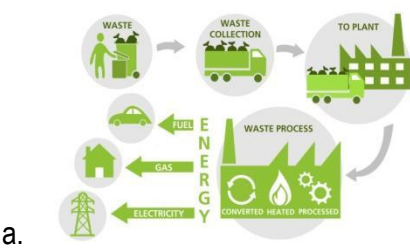
46. The following are reusable materials except:



47. Which of the following does not show the proper way of repairing an appliance or a furniture?



48. Which does not illustrate the proper way to recover waste materials?



49. Which of the following does not show the proper way to reduce waste products?



50. Binggoy collects used straws from the canteen's garbage bags every morning. What could possibly be Binggoy's plan with his collections?

- a. He will make a colourful hat/bag from the used straws for his grandmother.
- b. He will throw the straws somewhere in school.
- c. He just want to fill their house with used straws.
- d. He does not like to see straws in the garbage bags.

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Table of Specification

Objectives	# of Objectives	# of Days	# of Items	%	Item Placement
1. Use the properties of materials whether they are useful or harmful.	4	15	14	28%	1-14
2. Investigate changes that happen in materials under the following conditions: 2.1. Presence or lack of oxygen, 2.2. Application of heat.	4	14	13	26%	15-27
3. Recognize the importance of recycle, reduce, reuse, recover and repair in waste management.	5	18	17	34%	28-44
4. Design a product out of local, recyclable solid and/or liquid materials in making useful products.	2	7	6	12%	45-50
TOTAL	15	54	50	100%	