Republic of the Philippines
Department of Education
Region IV-A CALABARZON
Division of Laguna
District of San Pedro
San Pedro Central School
SUMMATIVE TEST No 2
Science-Five

Name: _____
Teacher: _____

I. Choose the Letter of the correct answer.

1. What change will happen to the slices of potato if they will be exposed to oxygen in the air?
A. Color will change from brown to white
B. Color will change from white to brown
C. The color will not change
D. No changes in color

2. What causes the rusting of iron nails or iron made materials in a wet cloth?
A. presence of heat
B. absence of heat
C. presence of oxygen
D. absence of oxygen

3. When the candle was lighted, it melted into liquid and became solid again after few seconds or in a minute. What causes these changes?
I. presence of heat II. presence of oxygen
III. absence of heat IV. absence of oxygen
A. I, II and III
B. I and IV
C. I and II
D. All of the above

4. The candles melted by the application of heat. What change took place when solid candles became liquid?
A. chemical
B. mechanical
C. no change
D. physical

5. Which situation shows the presence of oxygen in a material?
I. Lighting of a candle III. Combustion of engines
II. burning of fuels IV. putting off a lighted candle
A. I, II and III
B. I and IV
C. I and II
D. All of the above

6. The eggplant/apple in the experiment turned its color from white to brownish. Which statement is NOT TRUE?
A. The presence of oxygen caused change in its color.
B. The absence of oxygen caused change in its color.
C. The color of an apple/eggplant changed when it is exposed to oxygen in the air.
D. There is oxidation that happened when apple/eggplant was sliced

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and exposed in the air.

7. Water is the primary cause of rust because water contains _____?
A. Oxygen
B. Chloride
C. carbon
D. hydrogen

8. Joram noticed that when he mopped the floor using wet rugs, the moist in the floor disappeared after few minutes. What is the reason why the floor became dry?
A. presence of heat
B. absence of heat
C. presence of water
D. absence of temperature

9. When physical change in materials happened, there is_____.
I. formation of new product or material
II. no formation of new product or material
III. formation of new shape
IV. formation of new color
A. I, III and IV
B. II only
C. III and IV
D. II, III and IV

10.Hannah observed that the left-over foods on the table became watery, spoiled and had foul odor after 48 hours. What caused this change in the material?
I. presence of heat III. presence of oxygen
II. absence of heat IV. absence of oxygen
A. I and II
B. II and III
C. I and III
D. II and IV

II. Write C if it is a chemical change and P if physical change

_____11. melting of butter when left out in a warm room

_____12. ice cream melts on a hot day

_____13. burning of piece of paper

_____14. toasting marshmallow while camping

_____15. burning of woods

_____16. frying eggs for breakfast

_____17. sugar turn to caramel

_____18. melted chocolate

_____19. cooking beef for supper

_____20. ripening of mangoes

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