



Name- _____

Class- _____

Subject: Science

Lesson-8: Physical and chemical changes of matter

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QI. Identify the following as a chemical (C) or physical property (P):

- | | |
|---------------------------------|----------------------------|
| 1. blue color _____ | 8. melting point _____ |
| 2. density _____ | 9. reacts with water _____ |
| 3. flammability (burns) _____ | 10. hardness _____ |
| 4. solubility (dissolves) _____ | 11. boiling point _____ |
| 5. reacts with acid _____ | 12. luster _____ |
| 6. supports combustion _____ | 13. odor _____ |
| 7. sour taste _____ | 14. reacts with air |

QII. True (T) or False (F)

1. Changing the size and shapes of pieces of wood would be a chemical change.
2. In a physical change, the makeup of matter is changed.
3. Evaporation occurs when liquid water changes into a gas.
4. Evaporation is a physical change.
5. Burning wood is a physical change.
6. Combining hydrogen and oxygen to make water is a physical change.
7. Breaking up concrete is a physical change.
8. Sand being washed out to sea from the beach is a chemical change.
9. When ice cream melts, a chemical change occurs.
10. Acid rain damaging a marble statue is a physical change.

QIII. CASE STUDY BASED QUESTION

1. In a bowl of ripe fruits a few fresh fruits were placed. The next day it was observed that the fresh fruits had ripened, and ripe fruits had rotted. What kind of change occurred within the fresh fruits?

i)Physical change as the appearance of the fruit alone changes

iii)Chemical change as the shape of the fruit changes.

iv)Chemical change as the change cannot be reversed.

SUBJECT TEACHER

HOD

COORDINATOR

PRINCIPAL