

Name: _____ Date: _____

Physical and Chemical Change

Q1. State True (T) or False (F).

- i. Formation of manure from leaves is a physical change. _____
- ii. Iron pipes coated with zinc do not get rusted easily. _____
- iii. Iron and rust are the same substances. _____
- iv. The chemical name of baking soda is Sodium hydrogencarbonate. _____
- v. Changes in which new substances are formed are called chemical changes. _____

Q2. Fill in the blanks.

- i. Cutting a log of wood into pieces is a _____ change.
- ii. Condensation is a _____ change.
- iii. When carbon dioxide is passed through lime water, it turns milky due to the formation of _____.
- iv. Two methods by which rusting of iron can be prevented are _____ and _____.
- v. Changes in which only _____ properties of a substance change are called physical changes.
- vi. A medicine is the end product of a chain of _____.

Q3. What type of change is crystallisation?

Ans. _____

Q4. What type of change is involved in rusting of iron?

Ans. _____

Q5. Write one property of stainless steel.

Ans. _____

Physical and Chemical Change

Q1. State True (T) or False (F).

- i. Formation of manure from leaves is a physical change. False
- ii. Iron pipes coated with zinc do not get rusted easily. True
- iii. Iron and rust are the same substances. False
- iv. The chemical name of baking soda is Sodium hydrogencarbonate. True
- v. Changes in which new substances are formed are called chemical changes. True

Q2. Fill in the blanks.

- i. Cutting a log of wood into pieces is a physical change.
- ii. Condensation is a physical change.
- iii. When carbon dioxide is passed through lime water, it turns milky due to the formation of Calcium Carbonate.
- iv. Two methods by which rusting of iron can be prevented are painting or greasing and galvanisation.
- v. Changes in which only physical properties of a substance change are called physical changes.
- vi. A medicine is the end product of a chain of chemical reactions.

Q3. What type of change is crystallisation?

Ans. It is a physical change.

Q4. What type of change is involved in rusting of iron?

Ans. Rusting of iron is a chemical change.

Q5. Write one property of stainless steel.

Ans. It does not rust.