

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE

### CLASS-VII

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#### ► Physical and chemical changes :

1. Classify the changes involved in the following processes as physical or chemical changes:

- (a) Photosynthesis
- (b) Dissolving sugar in water
- (c) Burning of coal
- (d) Melting of wax
- (e) Beating aluminium to make aluminium foil
- (f) Digestion of food

2. State True / False :

- (a) Cutting of wood into pieces is a chemical change.
- (b) Formation of manure by leaves is a physical change.
- (c) Iron pipes coated with zinc do not get rusted easily.
- (d) Iron and rust are the same substances.
- (e) Condensation of steam is not a chemical change.

3. Fill in the blanks in the following statements:

- (a) When carbon dioxide is passed through lime water, it turns milky due to the formation of .
- (b) The chemical name of baking soda is .
- (c) Two methods by which rusting of iron can be prevented are \_\_\_\_\_ and \_\_\_\_\_
- (d) Changes in which only \_\_\_\_\_ properties of a substance change are called physical changes.
- (e) Changes in which new substances are formed are called \_\_\_\_\_ changes.