

## Chapter 2: Physical and Chemical Changes

### Worksheet 1

#### 1. Write T for true and F for false statement.

- (i) Changes that are useful to us are called desirable changes.
- (ii) The change which repeats itself after a fixed interval of time is called periodic change.
- (iii) Dissolving a substance in water is an irreversible change.
- (iv) Baking a substance is a physical change.
- (v) Tearing a paper is a physical change.

#### 2. Fill in the blanks.

- (i) Changes which occur in a few seconds are called \_\_\_\_\_ changes.
- (ii) Inflating a balloon is a \_\_\_\_\_ change.
- (iii) Burning of coal is a \_\_\_\_\_ change.
- (iv) The change which can be reversed or undone is called a \_\_\_\_\_ change.
- (v) Chemical changes are usually \_\_\_\_\_.

#### 3. Name the following.

- (i) The changes which occur in hours, days, months or even years.
- (ii) The changes which are not useful to us.
- (iii) The change which repeats itself at irregular intervals of time.
- (iv) The changes which are usually reversible.
- (v) The change which occurs with evolution of heat.

#### 4. Answer the following questions.

- (i) Is folding a paper a physical change?
- (ii) Is rolling a *chapati* a chemical change?
- (iii) What is a temporary change?
- (iv) What type of changes cannot be reversed or undone?
- (v) What kind of change is condensation?

## Chapter 2: Physical and Chemical Changes

### Worksheet 2

#### 1. Classify the following changes into physical and chemical changes:

Burning of matchstick, freezing, melting of butter, souring of milk, deflating a balloon, breaking of glass, curdling of milk, yellowing of leaves, rusting of iron

#### 2. Match the columns.

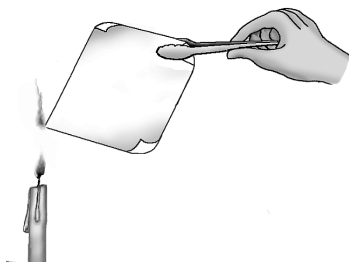
##### Column A

- (i) Earthquake
- (ii) Sunset and sunrise
- (iii) Cooking of food
- (iv) Melting of ice
- (v) Cutting of wood

##### Column B

- (a) Physical change
- (b) Chemical change
- (c) Physical but irreversible change
- (d) Nonperiodic change
- (e) Periodic change

#### 3. Write the reversible change or irreversible change below each figure.



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

#### 4. Answer the following questions.

- (i) Is ripening of fruits a slow change?
- (ii) Is lighting a matchstick a fast change?
- (iii) Give one example of periodic change.
- (iv) Why is spoilage of food a chemical change?
- (v) Give two examples of physical changes.