

Class : 7 Chemistry Worksheet
Chapter:2 Changes in the world around us

Synopsis

- Change can be defined as alteration in physical and chemical properties of matter which give a new shape and properties to it.
- Changes which take place by nature are known as natural changes.
- Changes that take place due to human activities are called man made changes.
- Changes that occur after a fixed interval of time are called periodic changes.
- Changes that may take place at any time are called non periodic changes.
- Changes which are useful to us are called desirable changes.
- Changes which are harmful to us are called undesirable changes.
- Changes which takes place over a long period of time are called slow changes.
- Changes which occur very fast are called fast changes.
- In a physical change the properties of a substance might change but the chemical composition does not change.
- In a chemical change one or more new substances are formed with different chemical compositions.
- Some changes such as burning of a candle can be both physical and chemical at the same time.

I. Fill in the blanks:

1. Changes which take place in nature are known as _____.
2. Changes which are useful to us are known as _____ changes.
3. Spoilage of food is an _____ change.
4. Earthquake is _____ change.
5. New substances are formed during a _____ change.

II. Define : condensation , boiling, fusion , freezing.

III. Draw and describe an activity to study the process of sublimation.

IV. What will you observe when:

- (i) quicklime is added to water
- (ii) sugar is added to water.

V. . Complete the exercises at the end of the chapter -

- A , B , C , D (in the book)
- E (in the exercise book)