



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 07.04.20

Duration: 40 min

Worksheet 1

Full Marks: 15

PHYSICAL AND CHEMICAL CHANGES/ TYPES OF CHANGE

Choose the Correct options:

- Change of state is an example of
Ans (a) **Reversible change** (b) Periodic change (c) Chemical change (d) Irreversible change
- Heating and cooling of the coil of an electric heater is an example of
Ans (a) **Physical Change** (b) Periodic change (c) Chemical change (d) Irreversible change
- Curdling of milk is an example of
Ans (a) Desirable change (b) **Undesirable change** (c) Periodic change (d) Reversible change
- Photosynthesis is a
Ans (a) Physical change (b) **Chemical change** (c) Reversible change (d) Undesirable change
- Motion of a pendulum is not an example of
Ans (a) Physical change (b) Periodic change (c) Reversible change (d) **Undesirable change**
- Earthquake is an example of
Ans (a) **Undesirable change** (b) Chemical change (c) Reversible Change (d) Periodic change
- Charring of sugar is not an example of
Ans (a) Chemical change (b) **Reversible change** (c) Undesirable change (d) Non-periodic change
- Ripening of fruit is an example of
Ans (a) **Desirable change** (b) Undesirable change (c) Reversible change (d) Physical change
- Phases of moon are an example of
Ans (a) Undesirable change (b) Chemical change (c) Irreversible Change (d) **Periodic change**
- Rusting of iron is not an example of
Ans (a) Chemical change (b) **Reversible change** (c) Undesirable change (d) Non-periodic change
- A reversible change reverses
Ans (a) With time (b) With heat (c) **On reversing the condition** (d) Never
- A desirable change can be
Ans (a) Physical (b) Chemical (c) Irreversible (d) **All of these**
- Periodic changes take place
Ans (a) **After fixed interval** (b) Randomly (c) Only once (d) Continuously
- A Physical change generally
Ans (a) is reversible (b) has no new substance formed (c) occurs without time limit (d) **Both (a) and (b)**
- The following is not an example of chemical change
Ans (a) Rusting (b) Photosynthesis (c) **Vaporization** (d) Digestion