

BASIC WORKSHEET- 3

Grade- VII

Name of the Student: _____ Grade/Sec: _____ Branch _____

PHYSICS

1. What are the reasons behind the Physical change and Chemical change to be named such?
2. What will happen if an apple slice left exposed to air. Explain why.
3. List out some changes that are accompanied by sound.
4. What type of change that glowing bulb undergoes.
5. When carbon dioxide passed through lime water then lime water becomes_____
6. The process of depositing a layer of one metal over another metal surface to prevent it from rusting called_____
7. Identify the type of change
 - a. Yellowing of teeth
 - b. Crushing a can
 - c. Chopping wood
 - d. Photosynthesis process
 - e. Sublimation of dry ice.
 - f. Production of acid rain
 - g. Colour changes in leaves
 - h. Formation of wine
 - i. Filling a candy bowl with different candies.
 - j. Developing of photographs
 - k. Refining of metals
 - l. Casting silver in a mold
 - m. Fizzing of champagne
 - n. Formation of scum
 - o. Respiration by living organisms
 - p. Mixing flour, salt and sugar.
8. Guess:

There are two different words.

One is consists of 10 letters and another will be 11 letters. It plays a vital role in chemical changes mostly in the investigation arena.

(Note:- after finding the words give suitable examples for each).

9. Fill it:-

- - m - - - - i - n

10. The gas which we use in the kitchen is called liquefied petroleum gas (LPG). In cylinder it will be in the form of liquid. When it comes out of the cylinder it becomes a gas (change-A) . Then it burns (Change-B)

Now write what kind of changes that undergoes in A and B.

BIOLOGY

- 1) The weather reports are prepared by the _____ department of the government
- 2) Angora wool is obtained from _____
- 3) The microorganisms that convert dead plants and animals to humans are called as _____
- 4) Plants receive their nutrients mainly from _____
- 5) Joints of the bones help in the _____ of the body
- 6) Water comes out of leaf in form of vapour by a process called _____
- 7) _____ Is a non green plants that we consume as food
- 8) Bones and _____ from skeleton of human body
- 9) The joint where our neck joins the head is _____ joint
- 10) Transpiration means _____

II.

- 1) Which of the two changes frequently weather or climate?
- 2) Name the instrument to measure rainfall?
- 3) What is meant by sericulture?
- 4) Name a plant that traps and feeds on insects?
- 5) What is MERS corona virus?

III.

- 1) Is the new corona virus deadly is it contagious?
- 2) Do you think that all living beings need the same kind of food?
- 3) Is garbage disposal the responsibility only of the government?
- 4) What do you do with the leftover cold at home?

IV.

- 1) Differentiate between self pollination and cross pollination
- 2) What are the functions of skeleton
- 3) How do you test the presence of fat in food
- 4) Write a flowchart of life history of silk moth

