

HOLIDAY HOMEWORK

SCIENCE – X 2017-2018

1. Learn all the chapters covered so far for your quarterly exams.

2. Complete the following experiments in your lab manual.

- Chemical reaction
Combination, decomposition, displacement, double displacement
- i) Action of water on quicklime.
- ii) Action of heat on ferrous sulphate crystals
- iii) Iron nails kept in CuSO_4 sol
- iv) Reaction b/w Na_2SO_4 and Barium Chloride Sol.
- Action of Zn, Fe, Cu, Al metal on the following salt solution.
 - 1) ZnSO_4
 - 2) FeSO_4
 - 3) CuSO_4
 - 4) $\text{Al}_2(\text{SO}_4)_3$
- Studying dependence of potential difference across a resistor on the current passing through it and determine its resistance.
- Determination of equivalent resistance of two resistors when connected in series and parallel.
- Temporary mount of leaf to show stomata.
- Experimentally show that CO_2 is given out during respiration.

HOLIDAY HOMEWORK

SCIENCE – IX

1. Learn all the chapters covered so far for your quarterly exam.

2. Complete the following experiments in your lab manual-

- Determining M.P of ice and B.P of water.
- To prepare a stained temporary mount of onion peel.
- To prepare a stained temporary mount of human cheek cells.
- To identify parenchyma and sclerenchyma tissue in plants from prepared slides.
- To identify striated muscle fiber and nerve cell in animals from prepared slides.
- To determine the mass % of water imbibed by raisins.