

Red Rose Senior Secondary School

Chemistry

Class: 12th

HOLIDAY HOMEWORK

1. Make a project file using punch sheet on any of the following topic:

(a) Adsorption

Project Description: Adsorption Definition, Causes of Adsorption, Types of Adsorption, Factors on which adsorption depend, Freundlich's adsorption isotherm, Application of adsorption.

(b) Polymers

Project Description: Simple Organic Molecules, Macromolecules, Polymerization, Natural Polymers, Synthetic Polymers, Linear Polymers, Branched Chain Polymers, Three-dimensional Network Polymers, Addition Polymers, Condensational Polymers.

(c) Electrochemical cell

Project Description: Electro Chemical Cell, electrical circuit, electrolytic solution, electrical neutrality, cells, Oxidation half reaction, Reduction half reaction, Standard EMF, reduction, copper electrode, cathode, electrons, electrons pushes, external circuit, oxidation, ions.

(d) Boiling and Freezing point

Project Description: Boiling and freezing point, Effect of Impurities on the Boiling Point and Freezing Point of A liquid (water), Colligative Property, Application of Depression in Freezing Point.

2. Learn all the definitions, terms, mathematical derivation of unit 1 and 2.

3. Solve any five question on each day based on unit 1 and 2.