

DAV Public school,(ECL), S.P Mines Chitra
Deepawali and Chhath holiday home assignments(16-17)

Class- XII

1. Explain points defect in detail.
2. What do you mean by doping. Explain n- type and p- type semiconductor write its application.
3. NCERT page no.- 32 a. 1.21, 1.24, 1.25,1.26.
4. What do you mean by solubility explain the effects of temp and pressure on solubility of a gas in a liquid.
5. page- 59, q- 2.4, page- 60 Q 2.17,2.18,2.21, page -65 Q2.35, 2.36
6. Explain the variations of conductivity and molar conductivity with concentration for strong and weak electrolyte
7. Explain the working and recharging of lead storage cell?
8. Consider the reaction $\text{Cr}_2\text{O}_7^{2-} + 14\text{H}^+ + 6\text{e} \rightarrow 2\text{Cr}^{3+} + 7\text{H}_2\text{O}$. what is the quantity of elect icing in coulomb needed to reduce 1 mol of $\text{Cr}_2\text{O}_7^{2-}$.
9. Solve Page- 91, Q- 3.2, 3.3, 3.5,3.9,3.18.
10. Explain the cleaning action of soaps.
11. What do you wear by the term Dialysis, Electro- dialysis, Ultra filtration.
12. Explain the followings properties of colloidal solution..
(i) Tyndal Effect (ii) Zeta potential (iii) Hardy Schultz rle.

** Working live Models in your own choice.