

ASSIGNMENT-1
CHEMISTRY (GENERIC)
2nd SEM
SILAPATHAR COLLEGE
(to be submitted by 8th June, 2021)

- Q1. What do you mean by electrolyte and non electrolyte?
- Q2. What do you understand by degree of ionization? Discuss various factors affecting degree of ionization. How would you compare the relative strength of weak acids and bases?
- Q3. What is Ostwald's dilution law? Derive it. What are its limitations?
- Q4. Explain the relation between pH and pOH.
- Q5. Does pH changes in water and other solution over time?
- Q6. Calculate the pH of 1.0×10^{-3} M solution of each of the following: (a)HCl, (b)NaOH
- Q7. What is meant by pH of a solution? A solution has pH = 6. Is it acidic or alkaline? What is the effect of temperature on pH?
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