

- c. Discuss Henry's law and also discuss its limitations. (4)
- Q-5 Attempt all questions (14)**
- a. Write a note on Phase (4)
- b. Explain sulphur system (5)
- c. Discuss Zinc-Cadmium two component system (5)
- Q-6 Attempt all questions (14)**
- a. Explain dispersion methods for preparation of sols (7)
- b. Discuss optical and kinetic properties of sol (7)
- Q-7 Attempt all questions (14)**
- a. Explain methods to eliminate liquid junction potential (7)
- b. Explain electrode concentration cell. (7)
- Q-8 Attempt all questions (14)**
- a. Write the characteristics of lyophobic and lyophilic colloids (7)
- b. Explain Vant Hoff Isotherm. (7)

