

- Q-7** **Attempt all questions** **(14)**
- a. Derive Clausius Clapeyron Equation. **5**
 - b. Write the difference between lyophilic and lyophobic sols. **5**
 - c. Discuss Henrys law. **4**
- Q-8** **Attempt all questions** **(14)**
- a. Derive the relation for determination of pH using Glass electrode. **7**
 - b. Explain Silver-Lead Condensed system with appropriate phase diagram. **7**

