

- Q-5 Attempt all questions (14)**
a) Describe acid-base titrations. (7)
b) Explain chromatography on the basis of their principle of separation. (7)
- Q-6 Attempt all questions (14)**
a) Explain preparation and activation of TLC. (7)
b) Discuss in detail Karl ficsher titration. (7)
- Q-7 Attempt all questions (14)**
a) Discuss the development technique for paper chromatography. (7)
b) Write applications of supercritical fluid extraction. Describe briefly. (7)
- Q-8 Attempt all questions (14)**
a) Write a note on differential scanning calorimetry. (7)
b) Write a note on polarimetry. (7)

