

II B.Pharmacy II Semester Supplementary Examinations, Nov- 2016
PHARMACEUTICAL ANALYSIS-I

Time: 3 hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Define Precision and Accuracy. Write about the methods of expressing Accuracy.
(b) Write about Standard deviation and Significant figures. [7+8]
2. (a) What are Argentometric titrations? Write about indicators and applications of Argentometric titrations.
(b) Write note on Solubility Product, Molar solubility, and effect of pH on solubility. [7+8]
3. (a) Describe the general properties of Metal-ion-indicators.
(b) Discuss about Back titration in complexometric titration. [7+8]
4. (a) Write the Principle involved in the KFR titrations.
(b) Write the composition and use of the reagents in the preparation of KFR.
(c) Write the applications of KFR method [4+7+4]
5. (a) Discuss in detail about Polarography.
(b) Explain the pharmaceutical applications of flame photometry in detail. [9+6]
6. (a) Explain potentiometric titrations.
(b) Explain different methods for detection of end points in potentiometry. [8+7]
7. (a) Write a note on Fluorimetry and draw a neat labeled diagram of single beam Fluorimeter.
(b) Write the applications of fluorimetry. [8+7]
8. What is polarimetry? Give an account on working principle and construction of Lippich polarimeter. [15]
