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B.Pharmacy IV Semester

Examination, June 2017

Pharmaceutical Analysis - I

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Discuss theory of complexometric titration give different factors affecting stability of complexes. 14
2. Discuss theory and principles of potentiometry titration. 14
3. Discuss scopes and limitations of non-aqueous titration. Discuss solvent used in non-aqueous titration. 14
4. What are the methods for Detection of end points in precipitation titration. 14
5. Discuss Ohm's law and ionic conductivities in conductometric titrations. 14
6. Discuss concept of oxidation reduction titration with suitable example. 14
7. What is gravimetric titration? Explain co-precipitation and post precipitation. 14

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8. Attempt any two questions.

7 each

- a) Polarography
- b) Amperometry
- c) Diazotization

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