

QP CODE: 212006 (New Scheme)

Reg. No:

Second Year B.Pharm Degree Supplementary Examinations June 2019

Pharmaceutical Analysis

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essays

(3x10=30)

1. Mention the types and end point detection methods of complexometric titrations
2. Explain Kjeldhal method for nitrogen determination
3. Discuss on acid-base concepts and law of mass action.

Short notes

(14x5=70)

4. Diazotization method of titration
5. Concept of gravimetric analysis
6. Thermogravimetry and its application in pharmacy
7. Relation of Nernst equation with redox titrations
8. 0.1M Ferric ammonium sulphate preparation and standardization
9. Explain Volhards method
10. Theory and choice of indicators in neutralization titration
11. Common ion effect in neutralization reaction
12. Drug analysis techniques
13. Definition and classification of errors
14. Assay of weakly acidic drugs by non-aqueous titration
15. Factors affecting stability of precipitate in a precipitation titration
16. Methods to stabilize complexes formed in titration
17. Estimation of barium by gravimetry
