

QP CODE: 212006 (NEW SCHEME)

Reg. No:

Second Year B.Pharm Degree Examinations July 2018

Pharmaceutical Analysis

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essays

(3x10=30)

1. Describe Henderson Hasselbach equation and buffer solution
2. Explain titration involving titanous chloride and potassium permanganate
3. Explain principle and method of diazotization titration with examples

Short notes

(14x5=70)

4. Secondary standards
5. Aqueous and non-aqueous titration indicators
6. Preparation and standardization of 0.1M per chloric acid
7. Principles and application of argentometry
8. Masking and demasking agents
9. Nernst equation
10. Preparation and standardization of 0.1 M Potassium Permanganate solution"
11. Oxygen flask combustion
12. Silver determination by gravimetry
13. Co-precipitation and post-precipitation
14. Give reasons for addition of buffer and pM indicators in complexometry
15. Estimation of nitrogen by Kjeldhal method
16. Assay of calcium gluconate
17. Calibration of volumetric apparatus
