

# 2012 Scheme

QP CODE: 212006

Reg. No: .....

Second Year B.Pharm Degree Supplementary Examinations July 2022

## Pharmaceutical Analysis

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Write equations wherever necessary.

### Essays

(3x10=30)

1. Explain ammonium thiocyanate titration with 0.1 M silver nitrate solution.
2. With suitable example write concepts of oxidation-reduction and Nernst equation
3. Explain non-aqueous titration of weak acid with specific examples

### Short notes

(14x5=70)

4. Titration curve of Sodium sodium edetate with calcium
5. Common ion effect with examples
6. Write on diazotisation with suitable example from IP
7. Use of ceric ammonium sulphate in assays
8. Preparation and standardization of 0.1 M potassium permanganate
9. Werner's co-ordination number
10. Neutralization curves
11. Titration of copper sulphate with potassium thiocyanate
12. What are factors facilitate precipitation formation
13. Nitrogen determination by Kjeldhal method
14. Benzocaine assay using sodium nitrate
15. Give reaction water with Karl-Fischer reagent
16. Metal indicators
17. Write on indicators of acid –base titrations

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