

QP Code: 122006

Reg. No.....

**First Semester B.Pharm Degree Regular/Supplementary Examinations
February 2020**

Pharmaceutical Analysis - I

(2017 Scheme)

Time: 3 Hours

Max. Marks: 75

- *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*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(2x10=20)

1. What is the principle of potentiometric titration. With a neat labelled diagram explain any two reference electrodes.
2. Explain methods of precipitation titrations

Short Notes

(7x5=35)

3. Write on expressions of concentrations
4. Explain iodimetric titrations
5. Give details on Ilkovic equation
6. Metal ion indicators
7. Give Brief account on diazotization titrations
8. Explain estimation of sodium benzoate and ephedrine hydrochloride
9. Write on accuracy, precision and significant figure

Answer Briefly

(10x2=20)

10. Solvents in non-aqueous titrations
11. Primary standards
12. Use of demasking agents
13. Dropping mercury electrode
14. Application of potassium iodate in titration
15. Molar conductivity
16. Residual current
17. Types of errors
18. Universal indicator
19. Cerimetry
