

B. Pharm. II Year Fourth Semester
35157 : Pharmaceutical Analysis - I : T-4.3

P. Pages : 1

Time : Three Hours



AU - 0672

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any 5** questions from out of 7 question.
 3. Diagrams and chemical equations should be given wherever necessary.
 4. Discuss the reaction, mechanism wherever necessary.

- | | | | |
|----|----|--|----|
| 1. | a) | Define- Mean, Mode, Median. | 6 |
| | b) | Write application of- t- test F- test, Q- test. | 6 |
| 2. | a) | What is indicator, give their types and theory of indicators. | 6 |
| | b) | What are the different methods expressing the concentrations write in detail. | 6 |
| 3. | | What is law of mass action explain in detail and Assay of Aspirin powder. | 12 |
| 4. | | Why the complexation takes place, write about its stability and factors affecting the stability. | 12 |
| 5. | a) | What is redox indicator, and difference between iodimetry and iodometry. | 6 |
| | b) | Write in detail Assay procedure of Isoniazide. | 6 |
| 6. | a) | How will you differentiate Aqueous titration from Non- Aqueous titration write in detail. | 6 |
| | b) | Write in detail Assay procedure of mebendazole powder. | 6 |
| 7. | | Write short note any two. | 12 |
| | a) | Assay of Sulphonamide. | |
| | b) | Primary and secondary standards. | |
| | c) | Precipitation reactions. | |
| | d) | Fajans method. | |
