

QP CODE: 302326

Reg. No:

Third Year Pharm D Degree Examinations July 2018

Pharmaceutical Analysis

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Explain polarographic principles, its theory and application
2. Discuss on theory of UV-Visible absorption of molecules. Explain its application for pharmaceutical compounds with examples
3. Give basic instrumentation and separation theory of HPLC in pharmaceuticals

Short notes

(8x5=40)

4. What is luminescence and mention the factors affecting it
5. Differential thermal analysis
6. Good laboratory practice
7. Total quality management in a pharmaceutical concern
8. HPTLC - theory, instrumentation, advantages and application
9. Gas chromatography- state principles, mobile phases, stationary phase
10. Potentiometric titrations and end point detection methods
11. Explain the detectors of IR spectroscopy
