

QP Code: 403008

Reg. No.....

Final Year B. Pharm (Ayurveda) Degree Examinations, October 2016

Pharmaceutical Analysis II

Time: 3 hrs

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. Explain theory of UV visible spectroscopy. Add a note on deviation from Beer-Lambert law.
2. Explain principle instrumentation and application of NMR

Short notes:

(10x5=50)

3. GMP
4. Explain the detectors used in IR
5. Ionization methods in mass spectroscopy
6. Paper chromatography
7. Principle behind fluorimetry.
8. Compare and contrast nephelometry and turbidimetry.
9. Components of atomic absorption spectroscopy.
10. Instrumentation of flame photometry.
11. Dropping mercury electrode (DME)
12. Gel filtration technique

Answer briefly:

(10x3=30)

13. Half wave potential.
14. Why mass spectroscopy differ from other spectroscopic methods..
15. Effect of concentration on fluorescence intensity.
16. Application of polarimetry
17. Paper electrophoresis
18. Mull technique in IR Spectroscopy.
19. Note on adsorbents.
20. Monochromators used in IR.
21. Applications of fluorimetry.
22. Types of HPLC technique.
