

Final Year B.Pharm Degree Examinations May 2017
PHARMACEUTICAL ANALYSIS – II
(2012 scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams and equations wherever necessary.

Essay

(3x10=30)

1. Explain principle of separation and applications of HPLC and HPTLC.
2. Discuss instrumentation of spectrofluorimeter.
3. Explain the principle and basic instrumentation of atomic absorption spectroscopy.

Short notes

(14x5=70)

4. Stationery phases used in TLC.
5. Developmental techniques in paper chromatography.
6. Principle of ion exchange column.
7. Applications of X-ray diffraction.
8. Any one detector used in GC.
9. Various methods of measuring electrode potential.
10. Theory of conductometric titrations.
11. Principle of polarography.
12. Principle of electrophoresis.
13. Methods of quantitative estimation of single drug by UV – Visible spectrometry.
14. Principle of NMR.
15. Types of burners in flame photometer.
16. ICH guidelines.
17. Types of quality audits.
