

Code: 9R01701

B.Pharm IV Year I Semester (R09) Supplementary Examinations November 2017

PHARMACEUTICAL ANALYSIS – II

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Write in detail instrumentation and principle of IR spectroscopy.
(b) Explain instrumentation and construction of double beam spectrophotometer.
- 2 Explain principle, instrumentation and applications of mass spectroscopy.
- 3 (a) Write in detail about Differential Scanning Calorimetry (DSC).
(b) Write a note on radio immune assay.
- 4 (a) Write in detail about circular dichroism.
(b) Explain Atomic absorption spectroscopy.
- 5 (a) Write a note on fluorimetry.
(b) Explain the principle and application of flame photometry.
- 6 (a) Write a note on gel chromatography.
(b) Write in detail about DTA.
- 7 Write in detail about:
(a) XRD.
(b) ORD.
(c) ELISA.
- 8 (a) Explain the instrumentation and application of HPLC.
(b) Explain HPTLC.
