

QP Code: 105329

Reg No:

First Year M.Pharm Degree Supplementary Examinations Novemembr 2015

(Pharmaceutical Analysis)

Paper I - Advanced Pharmaceutical Analysis

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays: **(2x20 =40)**

1. Explain the calibration parameters of UV spectrophotometer and IR spectrophotometer (12+8)
2. Discuss the principle and procedure in the use of MBTH and 2,3,5-triphenyl tetrazolium salt in quantification of pharmaceuticals (10+10)

Short Essays: **(6 x10=60)**

3. Explain the analysis procedure for evaluation of cholesterol and progesterone
4. Discuss the quality control of liquid oral preparations.
5. Explain details of vitamin assay by microbiological methods
6. What are stabilizing agents and how do they function. Explain the estimation of any one
7. Explain the physico-chemical methods to quantify xanthine derivatives.
8. What are radiopharmaceuticals ? Mention the quality control of any one in detail.
