

QP Code: 105329

Reg No:

First Year M.Pharm Degree Examinations August 2016

(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 principle and technique involved in the analysis of formulations containing chloramphenicol, sulphonamides, progesterone and vitamin A (5+5+5+5)
2. According to Indian pharmacopoeia, how does the quality of tablets and parenteral are assessed (10+10)

Short Essays: (6 x10=60)

3. Explain the quantitative analysis of any two functional groups in pharmaceuticals as per IP
4. What is the different radio pharmaceuticals employed. Mention the analysis of radio pharmaceutical containing iodine isotope
5. Explain the application of p-dimethyl amino benzaldehyde in pharmaceutical analysis with suitable example
6. Enlist the identification and quantification tests for any two anti oxidants employed in pharmaceutical formulations
7. Explain vaccine analysis and LAL test
8. Discuss the calibration and validation of UV spectrophotometer
