

QP Code: 107329

Reg No:

First Year M.Pharm Degree Examinations August 2016

(Pharmaceutical Analysis)

Paper III - Pharmaceutical and Clinical Analysis

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. Explain various analytical methods used for the estimation of carbamazepine, methotrexate, lidocaine and quinidine in blood samples.
2. Explain in detail the guidelines laid down by ICH for impurity and related substances determination in drugs

Short Essays:

(6 x10=60)

3. Explain how the baby care products and personal hygiene products are analyzed
4. Explain how the misuse of anabolic drugs can be identified in blood samples by various methods.
5. Outline the methodology involved in the quantitative analysis of drugs using uv-vis spectrophotometry
6. Describe the significance of TDM in drug therapy
7. Explain various extractive methods used in estimation of drugs, toxic substances in blood samples.
8. Explain the various factors to be considered in predicting shelf life of drug products
