

QP Code: 107329

Reg No:

First Year M.Pharm Degree Supplementary Examinations November 2015

(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 the various methods of extraction of drugs from biological samples. What are the different factors affecting extraction of drugs. Explain the analysis of color cosmetics
2. Explain the indications of therapeutic drug monitoring (TDM). Explain the methods for TDM of methotrexate digoxin and phenytoin

Short Essays: (6 x10=60)

3. What is dope test. Explain the different analytical methods for the estimation of anabolic steroids in blood
4. Explain the ICH guidelines for determination of impurity and related substances in drugs
5. Explain the various methods available for the analysis of raw materials used in cosmetics
6. Explain the concept involved in bio-analytical method development of drugs using spectrofluorimeter
7. List the common adulterants found in food articles. Explain the general methods for the identification of common adulterants in food
8. Explain the protocols and procedures for systematic evaluation and standardization of herbal drugs using HPTLC
