

QP Code: 107329

Reg No:

First Year M.Pharm Degree Examinations- February 2013

(2011 Admn- New Scheme)

(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. Describe in detail liquid-liquid extraction and membrane filtration methods. Enumerate the factors affecting extraction of drugs
2. Enumerate various analytical procedures required to analyze finished skin products. Add a note on toxicity testing in cosmetics

Short Essays:

(6x10=60)

3. Describe in detail about TOM including its importance
4. How the following are estimated. • quinidine • phenytoin
5. Analysis of various types of raw materials used in cosmetics
6. Outline the protocols involved in the stability testing of formulations
7. How testosterone is estimated in blood and urine.
8. Explain how carbohydrates , proteins and fat are analyzed in food products
