

QP Code: 107329

Reg No:

First Year M.Pharm Degree Examinations – September 2013

(2011 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. Explain therapeutic drug monitoring studies with suitable examples
2. According to ICH guidelines what are impurities and related substances. Mention the excerpts of guidelines on its limits and evaluation (5+15)

Short Essays:

(6 x10=60)

3. Discuss the evaluation of baby soaps and tooth powder
4. Name the raw materials used in skin care products and explain any one in detail
5. Discuss on systematic evaluation and finger printing methods for herbal drugs
6. How does stability of drug products are determined by accelerated stability testing
7. Mention the procedure for analysis of any one anabolic steroid and theophylline
8. Differentiate between LLE and SPE in drug extraction from plasma
