

QP Code: 107329

Reg No:

First Year M.Pharm Degree Examinations– September 2014

(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. Mention the analysis of various types of raw materials used in cosmetics. Explain sampling of finished cosmetics according to BIS (10+10)
2. What are principle, procedure and factors affecting the LLE, SPE and membrane filtration methods employed for drugs from plasma (8+8+4)

Short Essays:

(6 x10=60)

3. Explain the analysis of chemical constituents of food. How do the common adulterants in food analyzed
4. Discuss DOPE test method with an appropriate reasoning
5. Discuss the procedure for conducting TDM of phenobarbitone and digoxin
6. Explain the steps involved in bio analytical method development by HPLC
7. Explain the importance of related substances and impurity profiling of new drug substances as per ICH guidelines
8. How does the plant drugs are standardized according to WHO guidelines and using HPTLC
