

QP Code: 107329

Reg No:

First Year M.Pharm Degree Examinations August 2017

(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 in detail about toxicity testing for cosmetics and analysis of shampoo.
2. Explain in detail about quality control tests for herbal products as per WHO guidelines

Short Essays: (6 x10=60)

3. Explain in detail about factors affecting extraction of drugs. Add a note on Solid Phase Extraction technique
4. Describe in detail about importance of TDM and method of estimation of methotrexate.
5. Explain in detail about types of climate zones as per ICH and types of stability studies.
6. Explain in detail about bioanalytical method development and validation using HPTLC
7. Discuss in detail about effect of impurities on stability and therapeutic action of drugs
8. Explain about analytical techniques used for the estimation of anabolic steroids in urine.
