

QP Code: 107329

Reg No:

First Year M.Pharm Degree Examinations July 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 ICH guideline for stability studies of drugs and WHO (world health organization) guidelines for the assessment of safety and efficacy of herbal pharmaceutical products
2. Explain the concept involved in analytical method development using HPLC. What are the methods for the analysis of pesticide residue in water

Short Essays:

(6 x10=60)

3. What are the different biological samples available for analysis of drugs. Explain the different methods for extracting drugs from them
4. Explain toxicity testing in cosmetics
5. Explain the different methods for the estimation of 'drugs of abuse' in blood / urine
6. Explain the specifications laid down for sampling and testing various cosmetics in finished form by the bureau of Indian standards
7. Explain the principles involved in therapeutic drug monitoring. Explain the methods for the estimation of carbamazepine and phenobarbitone for TDM
8. Explain the effect of related substance and impurities on drug stability
