

QP Code: 103329

Reg No:

First Year M.Pharm Degree Examinations (Supplementary)- November 2012

(Pharmaceutical Analysis)

Paper III - Quality Assurance

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x20 =40)

1. Explain the concept of GMP.
2. Classify various types of packaging materials used in manufacturing process. Explain various tests performed to qualify packaging materials for utilization in pharmaceutical manufacturing. Add a note on glass as packaging materials.

Short Essays:

(6 x10=60)

3. Discuss export-import policy and patent regime.
4. Explain the role of suitable layout design and location in pharmaceutical manufacturing process.
5. Describe the SOP of coating and membrane filtration.
6. Explain various types of process validations techniques performed in pharmaceutical manufacturing. Add a note on importance of training in pharmaceutical industry.
7. Explain how returned, recalled and recovered goods are handled.
8. Describe briefly the scrap disposal procedure.
