

QP Code: 107327

Reg No:

First Year M.Pharm Degree Examinations– September 2014

(2011 Scheme)

(Pharmaceutics)

Paper III – Industrial Pharmacy

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. Explain stability studies for tablets. What do you mean by short-term and long-term stability studies. Add a note on over ages
2. What are polymers. Classify polymers with important pharmaceutical applications

Short Essays:

(6x10=60)

3. Explain ISO 9000 series for quality system
4. Discuss the monitoring and prevention of fire and electrical hazards
5. Explain the pilot plant scale up studies of solid dosage forms
6. Describe pharmaceutical process validation in detail
7. Explain the production of streptomycin by fermentation
8. Describe briefly intellectual property rights and patents
