

QP Code: 107327

Reg No:

First Year M.Pharm Degree Examinations August 2017

(Pharmaceutics)

Paper III – Industrial Pharmacy

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. Explain the factors influencing stability of a formulation. How stability studies are carried out. Add a note on over ages
2. Describe the pilot plant scale up studies of liquid dosage forms

Short Essays:

(6x10=60)

3. Explain classical optimization technique
4. Define reorder quantity, EOQ, safety stock and lead time
5. Explain batch culture and continuous culture of micro organisms
6. Explain the salient features of intellectual property rights
7. Describe the various aspects of total quality management (TQM)
8. Explain the significance of good manufacturing practice in the production of injectable dosage forms
