

QP Code: 105327

Reg No:

First Year M.Pharm Degree Examinations – September 2013

(2011 Scheme)

(Pharmaceutics)

Paper I – Formulation Technology

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. Explain the formulation and evaluation of various types of transdermal drug delivery systems.
2. Describe briefly about sustained release parenteral preparations. How glass containers are tested as per IP

Short Essays:

(6x10=60)

3. Explain the diffusion controlled oral drug delivery system
4. Describe the production of humulin
5. Explain hormone releasing IUDs
6. Explain design, preparation and applications of liposomes
7. Enumerate the evaluation tests for aerosols and explain them in detail.
8. Discuss in detail the film forming materials used and film defects of coated tablet
