

QP Code: 105327

Reg No:

First Year M.Pharm Degree Supplementary Examinations Novemembr 2015

(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 quality control aspects of tablets.
2. Discuss the concept of rate controlled oral drug delivery systems and its advantages. Explain the osmotic drug delivery systems.

Short Essays:

(6x10=60)

3. Explain briefly on floating tablets and its applications.
4. Discuss the various objectives behind coating of tablets.
5. Explain any two approaches to the development of transdermal therapeutic system.
6. Discuss the preservatives used in parenteral products.
7. Describe the theoretical basis for using monoclonal antibodies for drug targeting.
8. Discuss the production of hepatitis B vaccine by r-DNA technology.
