

2012 Scheme

QP Code: 105327

Reg No:

First Year M.Pharm Degree Supplementary Examinations December 2019

(Pharmaceutics)

Paper I – Formulation Technology

Time: 3 hrs

Max Marks: 100

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

Essays:

(2x20=40)

1. Discuss aerosol filling equipments and describe in detail on the evaluation tests for aerosols.
2. Discuss the technology of transdermal drug delivery systems and mention the evaluation tests for transdermal drug delivery systems.

Short Essays:

(6x10=60)

3. Discuss on monoclonal antibody based pharmaceuticals.
4. Describe evaluation of glass containers used for parenteral products
5. What are the methods for preparation of nano-particles.
6. Explain the formulation of an occusert.
7. Mention modules for GIT. Add a note on in-vitro-in-vivo correlation.
8. Describe physicochemical factors affecting release of drugs from sustained release drug delivery systems.
