

QP Code: 107327

Reg No:

First Year M.Pharm Degree Supplementary Examinations November 2015

(Pharmaceutics)

Paper III – Industrial Pharmacy

Time: 3 hrs

Maximum Marks: 100

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

Essays: (2x20 =40)

1. Explain in detail about the classification of polymer. Add a note on its pharmaceutical applications.
2. Explain the decomposition of active ingredient from pharmaceutical dosage form through the degradative pathways.

Short Essays: (6x10=60)

3. Discuss about ISO 9000 series and its standards.
4. Discuss the effect of scale up on formulation and processes parameters.
5. Explain the regulatory requirements for export of drugs as per WHO guidelines.
6. Explain briefly about different packaging materials used in pharmaceutical industry.
7. Discuss the manufacturing and recovery of lactic acid by fermentation process.
8. Explain about the important forms of intellectual property rights. (IPR).
