

QP Code: 105327

Reg No: .....

First Year M.Pharm Degree Examinations – July 2015

(Pharmaceutics)

Paper I – Formulation Technology

Time: 3 hrs

Maximum Marks: 100

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

**Essays:** (2x20 =40)

1. Explain design manufacturing process and quality control test for capsules.
2. Mention the formulation aspects of liposomes. Explain why liposomes are considered versatile carrier for parenteral targeted drug delivery.

**Short Essays:** (6x10=60)

3. Discuss the layout of parenteral manufacturing process.
4. Explain in detail about the different containers used for packing pharmaceutical aerosols.
5. Define interferon. Discuss the interferon induction and action
6. Explain the various dissolution methods for tablets and its significance.
7. What are IUDs. Mention two example of such IUDs available in Indian market. Explain the design aspects of IUDs.
8. Quality control tests for IV fluids.

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