

Subject Code: CEU2C

M. Pharmacy II Semester [R05] Regular/Supply Examinations, Dec 2013

INDUSTRIAL PHARMACY

(Common to Pharmaceutics and Pharmaceutical Technology)

Time: 3 Hours

Max Marks: 60

**Answer any FIVE questions
All questions carry EQUAL marks**

1. Define unit operation? Explain the machinery used for mixing of semisolids? (12M)
2. Discuss the production and scale up techniques of tablets? (12M)
3. a) What are the objectives and policies of production management? (6M)
b) Write a note on industrial and personal relationship? (6M)
4. Write the materials used for packaging of pharmaceutical dosage forms? (12M)
5. Discuss in detail about statistical quality control charts? (12M)
6. Describe the validation protocol for liquid dosage form? (12M)
7. Write about the validation of analytical method? (12M)
8. Write a short note on:
 - a) Ophthalmic ointment (6M)
 - b) Control charts of automated process? (6M)

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