

Code No: PCEU32A/R13

M. Pharmacy II Semester Regular/ Supplementary Examinations, July-2016

**INDUSTRIAL PHARMACY**

(Pharmaceutics)

Time: 3 Hours

Max. Marks: 60

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*Answer any FIVE Questions  
All Questions Carry Equal Marks*

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| 1. | a | Write in detail about scale up of tablet coating.  | 9  |
|    | b | Explain about convective mixing.   | 3  |
| 2. | a | Give a detailed account on scale up of sterile products.   | 10 |
|    | b | Define and write the equations for loss on drying and moisture content.                              | 2  |
| 3. | a | Give an account on objectives and policies of production management.                                 | 6  |
|    | b | Write about GMP requirements for layout of buildings.  | 6  |
| 4. | a | Explain in detail about sales forecasting along with its significance.                               | 6  |
|    | b | Give an account on order point system, and compare it with materials requirement planning.           | 6  |
| 5. | a | Write about the GMP requirements for equipment and their maintenance.                                | 8  |
|    | b | Write about direct burden and fixed burden in cost control.  | 4  |
| 6. | a | Write in detail about mechanism, working and applications of fluidized bed dryer along with diagram. | 9  |
|    | b | Explain the mechanism of filter aids.  | 3  |
| 7. | a | Write about the control of quality variation in raw materials.                                       | 6  |
|    | b | Give an account on adulteration and misbranding.   | 6  |
| 8. | a | Write about equipment validation.  | 6  |
|    | b | Explain about concurrent validation.   | 6  |

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