

Code No: PCEU32A/R13

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

INDUSTRIAL PHARMACY

(Pharmaceutics)

Time: 3 Hours

Max. Marks: 60

*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 |

